INITIAL STUDY/
MITIGATED NEGATIVE DECLARATION

475 SYCAMORE DRIVE PROJECT

MILPITAS, CALIFORNIA

LSA

January 2023

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MITIGATED NEGATIVE DECLARATION

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MILPITAS, CALIFORNIA

Submitted to:

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LSA

January 2023

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TABLE OF CONTENTS

TABLE OF CONTENTS i
FIGURES AND TABLES ii
LIST OF ABBREVIATIONS AND ACRONYMS iii
1.0 PROJECT INFORMATION 1-1
2.0 PROJECT DESCRIPTION 2-1
3.0 ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED 3-12
3.1 Determination 3-12
4.0 CEQA ENVIRONMENTAL CHECKLIST 4-0
4.1 Aesthetics 4-0
4.2 Agriculture and Forestry Resources 4-3
4.3 Air Quality 4-5
4.4 Biological Resources 4-17
4.5 Cultural Resources 4-21
4.6 Energy 4-25
4.7 Geology and Soils 4-29
4.8 Greenhouse Gas Emissions 4-35
4.9 Hazards and Hazardous Materials 4-41
4.10 Hydrology and Water Quality 4-48
4.11 Land Use and Planning 4-57
4.12 Mineral Resources 4-59
4.13 Noise 4-60
4.14 Population and Housing 4-75
4.15 Public Services 4-77
4.16 Recreation 4-80
4.17 Transportation 4-81
4.18 Tribal Cultural Resources 4-87
4.19 Utilities and Service Systems 4-89
4.20 Wildfire 4-94
4.21 Mandatory Findings of Significance 4-96
5.0 LIST OF PREPARERS 5-1
6.0 REFERENCES 6-1

APPENDICES

A: CALEEMOD OUTPUT SHEETS
B: AERMOD RESULTS
C: GEOTECHNICAL REPORT
D: PHASE I ESA
E: NOISE DATA
F: TRANSPORTATION MEMO

FIGURES AND TABLES

FIGURES

Figure 2-1: Project Location and Regional Vicinity Map 2-3
Figure 2-2: Aerial Photograph of the Project Site and Surrounding Land Uses 2-4
Figure 2-3: Existing Conditions 2-5
Figure 2-4: Proposed Conceptual Site Plan 2-6
Figure 2-5: Proposed Conceptual Building Elevations 2-7
Figure 2-6: Proposed Conceptual Landscape Plan 2-8
Figure 4-1: Noise Monitoring Locations 4-66

TABLES

Table 4.A: Project Construction Emissions (in Pounds Per Day) 4-9
Table 4.B: Project Operational Emissions 4-11
Table 4.C: Unmitigated Inhalation Health Risks from Project Construction to Off-Site Receptors 4-13
Table 4.D: Mitigated Inhalation Health Risks from Project Construction to Off-Site Receptors 4-14
Table 4.E: Health Risks from Project Operation to Off-Site Receptors 4-15
Table 4.F: Estimated Annual Energy Use of Proposed Project 4-26
Table 4.G: City of Milpitas Noise Compatibility Standards 4-62
Table 4.H: Detailed Assessment Construction Noise Criteria 4-64
Table 4.I: Long-Term Ambient Noise Level Measurements (September 22 – September 23, 2022) 4-65
Table 4.J: Typical Construction Equipment Noise Levels 4-67
Table 4.K: Traffic Noise Levels Without and With Proposed Project 4-70
Table 4.L: Summary of Stationary Sources Noise Levels 4-71
Table 4.M: Vibration Source Amplitudes for Construction Equipment 4-73
Table 4.N: Proposed Project Automobile Trip Generation 4-82

LIST OF ABBREVIATIONS AND ACRONYMS

AB	Assembly Bill
APN	Assessor's Parcel Number
APSA	Aboveground Petroleum Storage Act
Basin Plan	Water Quality Control Plan
bgs	Below ground surface
BMPs	Best Management Practices
BRPD	Business Park/Research and Development Zoning District
CalARP	California Accidental Release Prevention
Cal/EPA	California Environmental Protection Agency
Cal/OSHA	California OSHA
Caltrans	California Department of Transportation
CBC	California Building Code
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CGP	Construction General Permit
City	The City of Milpitas
CUPA	Certified Unified Program Agency
CWA	Federal Clean Water Act
DIR	Department of Industrial Relations
DOSH	Division of Occupational Safety and Health
DOT	Department of Transportation
DSM	Deep Soil Mix
DTSC	Department of Toxic Substances Control

EOP	County of Santa Clara Emergency Operations Plan
ESLs	Environmental screening levels
EV	Electric vehicle
FAR	Floor Area Ratio
FEMA	Federal Emergency Management Agency
Fire Department	City of Milpitas Fire Department
HASP	Health and Safety Plan
HBMS	Hazardous Building Materials Survey
HMBP	Hazardous Materials Business Plan
I-880	Interstate 880
IS/MND	Initial Study/Mitigated Negative Declaration
LID	Low Impact Development
MG	Million gallons
mgd	Million gallons of wastewater per day
MLD	Native American Most Likely Descendent
MP	Industrial Park Zoning District
MRP	Municipal Regional Permit
MUSD	Milpitas Unified School District
NAHC	California Native American Heritage Commission
NPDES	National Pollutant Discharge Elimination System
OSHA	Occupational Safety and Health Administration
Phase I ESA	Phase I Environmental Site Assessment
Police Department	City of Milpitas Police Department
R & D	Research and development

RCRA	Resource Conservation and Recovery Act
RE	Recreation and Entertainment Zoning Overlay
REC	Recognized Environmental Conditions
RMP	Risk Management Plan
SB 50	Senate Bill 50
SBWR	City of San José South Bay Water Recycling
SCP	Stormwater Control Plan
SCVURPPP	Santa Clara Valley Urban Runoff Pollution Prevention Program
SDS	Safety Data Sheets
SFPUC	San Francisco Public Utilities Commission
SGMA	Sustainable Groundwater Management Act
SR 237	State Route 237
SRA	State responsibility areas
SWPPP	Stormwater Pollution Prevention Plan
TMDLs	Total Maximum Daily Loads
TPH	Total petroleum hydrocarbons
UST	Underground Storage Tank
UWMP	Urban Water Management Plan
Valley Water	Santa Clara Valley Water
VTA	Valley Transit Authority
Water Board	San Francisco Regional Water Quality Control Board
WPCP	San José/Santa Clara Pollution Control Plant
WSCP	Water Shortage Contingency Plan

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1.0 PROJECT INFORMATION

1. **Project Title:**

   475 Sycamore Drive Project

2. **Lead Agency Name and Address:**

   City of Milpitas
   Planning Department
   455 East Calaveras Boulevard
   Milpitas, California 95035

3. **Contact Person and Phone Number:**

   Avery Stark, Associate Planner
   Phone: (408) 586-3288

4. **Project Location:**

   475-525 Sycamore Drive, Milpitas, CA 95035

5. **Project Sponsor's Name and Address:**

   Jason Bernstein, Prologis
   Pier 1, Bay 1
   San Francisco, CA 94111

6. **General Plan Designation:**

   Business Park/Research and Development (BPRD)

7. **Zoning:**

   Industrial Park (MP)

8. **Description of Project:**

   The proposed project would result in the demolition of three existing commercial buildings and the construction of an approximately 293,422-square-foot industrial building and associated site improvements including new internal roadways, landscaping, and utility improvements. See Section 2.0, Project Description of this Initial Study, for a full project description.

9. **Surrounding Land Uses and Setting:**

   The project site is generally surrounded by a mix of commercial and industrial uses. To the north, the project site is bound by commercial uses, past which are Alder Drive, hotel uses and surface parking, and East Tasman Drive. Barber Lane borders the project site to the east. Further east is I-880 and single-family residential uses. The project site is bound to the south and west by various commercial and light industrial uses.

10. Other Public Agencies Whose Approval is Required (e.g., permits, financial approval, or participation agreements):

City of Milpitas Fire Department, Building Department, Land Development, and Housing.

11. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resource Code section 21080.3.1? If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.?

California Native American tribes traditionally and culturally affiliated with the project site and area were notified of the proposed project on November 3, 2022. The City did not receive any requests for consultation during the 30-day notification period. Therefore, the City considers the AB 52 consultation process to be concluded.

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2.0 PROJECT DESCRIPTION

The following describes the proposed 475 Sycamore Drive Project (project) that is the subject of this Initial Study/Mitigated Negative Declaration (IS/MND) prepared pursuant to the California Environmental Quality Act (CEQA). The proposed project would result in the demolition of three existing commercial buildings and the construction of an approximately 293,422-square-foot industrial building. The City of Milpitas (City) is the Lead Agency for review of the proposed project under CEQA.

2.1 PROJECT SITE

The following section describes the project location, existing conditions, surrounding land uses, and the regulatory setting.

2.1.1 Project Location

The approximately 14.03-acre project site is located at 475-525 Sycamore Drive in the City of Milpitas in Santa Clara County (Assessor's Parcel Number [APN] 083-31-001). The project site is located in southwest Milpitas in an area primarily consisting of commercial and light industrial uses. The project site is bound by existing commercial uses to the north and west, Sycamore Drive to the south, and Barber Lane to the east.

Regional vehicular access to the project site is provided by Interstate 880 (I-880), with on/off ramps located along East Tasman Drive approximately two blocks to the north. State Route 237 (SR 237) also provides regional access to the project site, with on/off ramps located approximately 1 mile north along McCarthy Boulevard. A Valley Transit Authority (VTA) light rail stop and bus stops located approximately 0.25 north of the project site on East Tasman Road provide transit access to the project site. Figure 2-1 shows the regional and local context of the project site. Figure 2-2 depicts an aerial photograph of the project site and surrounding land uses.

2.1.2 Existing Conditions

The project site is generally flat and developed with three commercial buildings in the center of the site totaling approximately 215,000 square feet in size. Approximately 75 people are currently employed on the project site. Historically, the project site was used for agricultural production until the existing buildings were constructed between 1982 and 1983.[1] As shown in Figure 2-3, the existing buildings are surrounded by surface parking and landscaped areas, including along the perimeter of the project site. Landscaped areas consist of ornamental grasses and shrubs, as well as 211 existing trees. Vehicular access to the project site is provided by two driveways along Barber Lane and two driveways along Sycamore Drive. A total of 800 surface parking spaces are located on the project site.

[1] Apex Companies, LLC. 2021. Phase I Environmental Site Assessment, 475, 501, and 525 Sycamore Drive, Milpitas, California. September 14.

2.1.3 Surrounding Land Uses

As shown in Figure 2-2, the project site is generally surrounded by a mix of commercial and industrial uses. To the north, the project site is bound by commercial uses along both sides of Alder Drive, including office buildings, a hotel, and a surface parking lot, as well as East Tasman Drive. Barber Lane borders the project site to the east. Further east is I-880 and single-family residential uses. The project site is bound to the south and west by various commercial and light industrial uses. Coyote Creek is located approximately 0.45 miles west of the project site.

2.1.4 Regulatory Setting

The City of Milpitas General Plan Land Use Map designates the project site as Business Park/Research and Development (BPRD).[2] This land use is intended to accommodate business parks, high-intensity office buildings, light manufacturing parks, and light industrial areas that provide for a variety of businesses. The BPRD designation allows for a floor area ratio (FAR) of up to 2.5. The City of Milpitas Zoning Map identifies the project site as Industrial Park (MP).[3] The MP District is intended to accommodate, in a park-like setting, a limited group of research, professional, packaging and distribution facilities and uses which may have unusual requirements for space, light, and air, and the operation of which are clean and quiet. The MP district allows a FAR of up to 0.5. The project site also has a Recreation and Entertainment (RE) zoning overlay, which allows a unique mixture of indoor and outdoor recreation and entertainment uses that attract patrons from the surrounding region.

2.2 PROPOSED PROJECT

The proposed project involves the demolition of the existing commercial buildings on the project site and the construction of an approximately 293,422-square-foot industrial building and associated site improvements including new internal roadways, landscaping, and utility improvements. Figure 2-4 depicts the conceptual site plan and conceptual building elevations are shown in Figure 2-5. The conceptual landscaping plan is depicted in Figure 2-6.

2.2.1 Building Program

As shown in Figure 2-4, the proposed project would consist of an industrial building at the center of the project site that would generally be surrounded by surface parking. The proposed building would be approximately 293,422 square feet in size, which would include space for warehouse, light industrial, and research and development (R&D) uses, as well as 12,000 square feet of office space that would be split between the southwest and southeast corners of the building, 52 trailer stalls, and 40 loading dock doors. The proposed building would be a maximum of approximately 50 feet in height and would be designed for multiple tenants, if desired. It is anticipated that approximately 250 people would be employed on the project site.

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2 Milpitas, City of, 2021. General Plan Land Use Map, Figure LU-1. Available online at: https://www.milpitas.gov/wp-content/uploads/2021/05/Milpitas-General-Plan-Final_Online-Version.pdf

3 Milpitas, City of, 2015. Zoning Map. January.

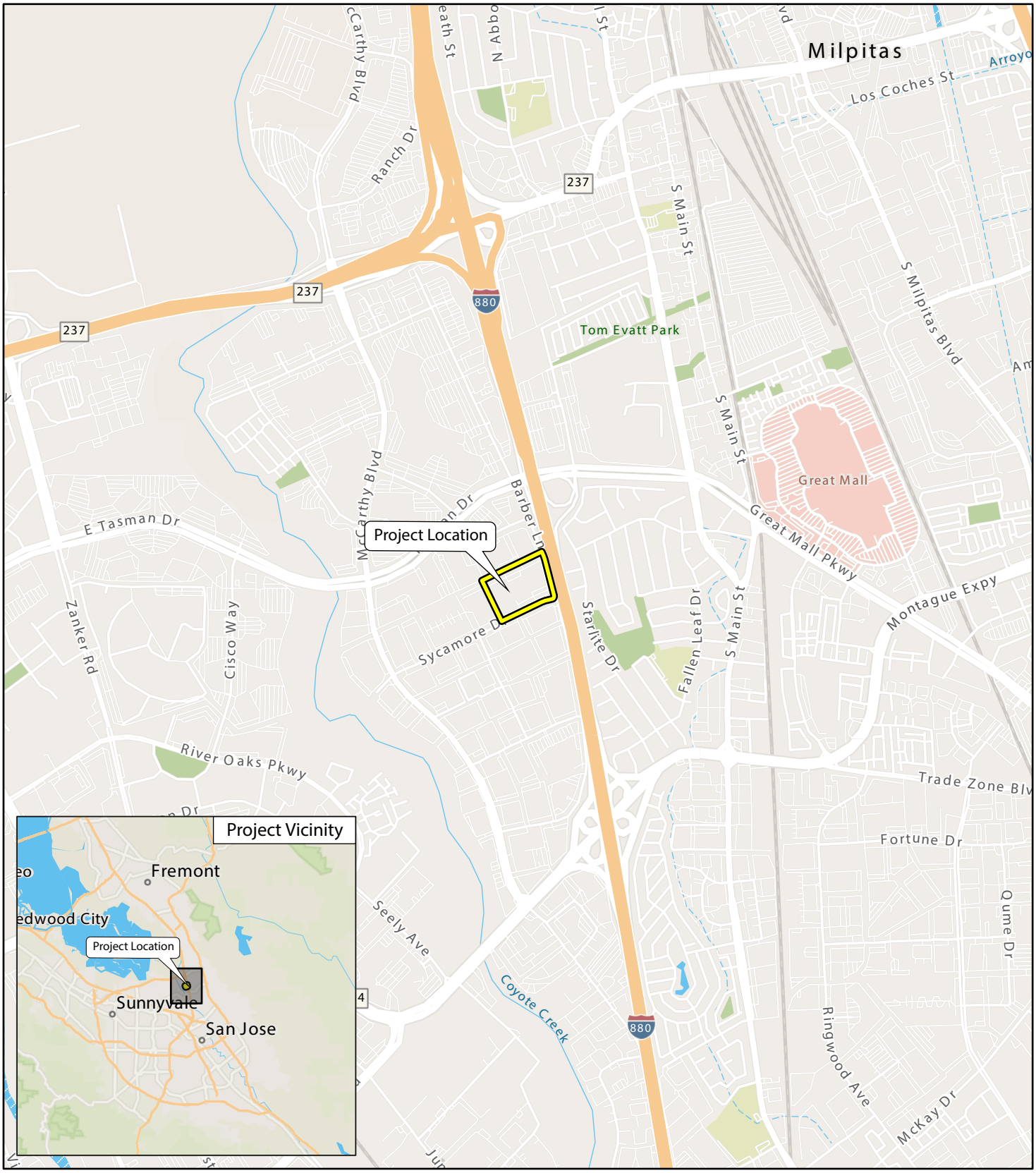

FIGURE 2-1

0 1000 2000
FEET

SOURCE: Esri Community Map (2022)

I:\MLP1902.11\GIS\Pro\475 Sycamore Drive Project\475 Sycamore Drive Project.aprx (8/18/2022)

475 Sycamore Drive Project IS/MND

Project Location and Regional Vicinity

LSA

Project Site Boundary

0 400 800
FEET

FIGURE 2-2

475 Sycamore Drive Project IS/MND

Aerial Photograph of Project Site and Surrounding Land Uses

SOURCES: Google Earth, 9/27/2021; LSA, 2022

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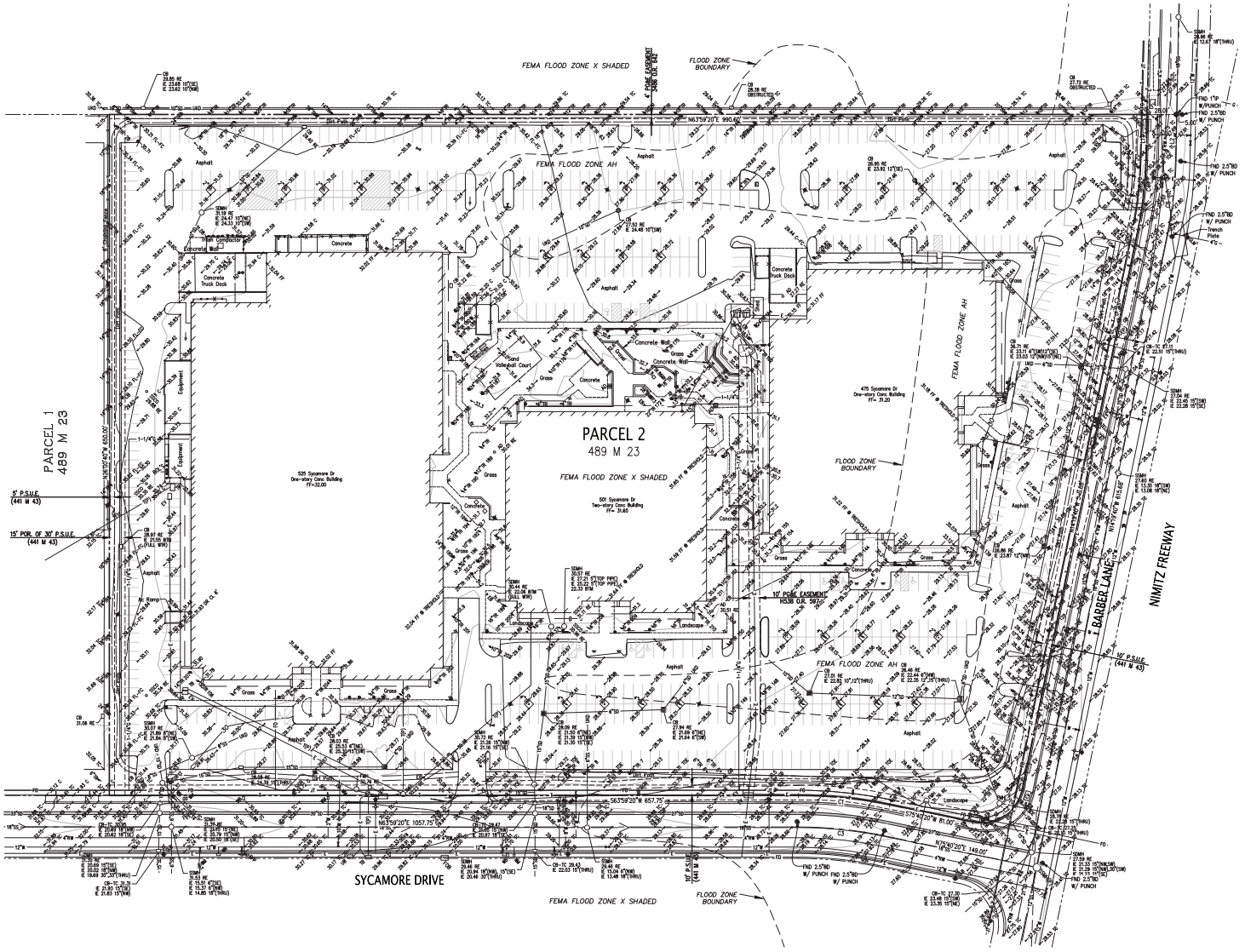

LSA

FIGURE 2-3

475 Sycamore Drive Project IS/MND
Existing Conditions

SOURCES: HPA Architecture; Kier+Wright, 5/20/2022

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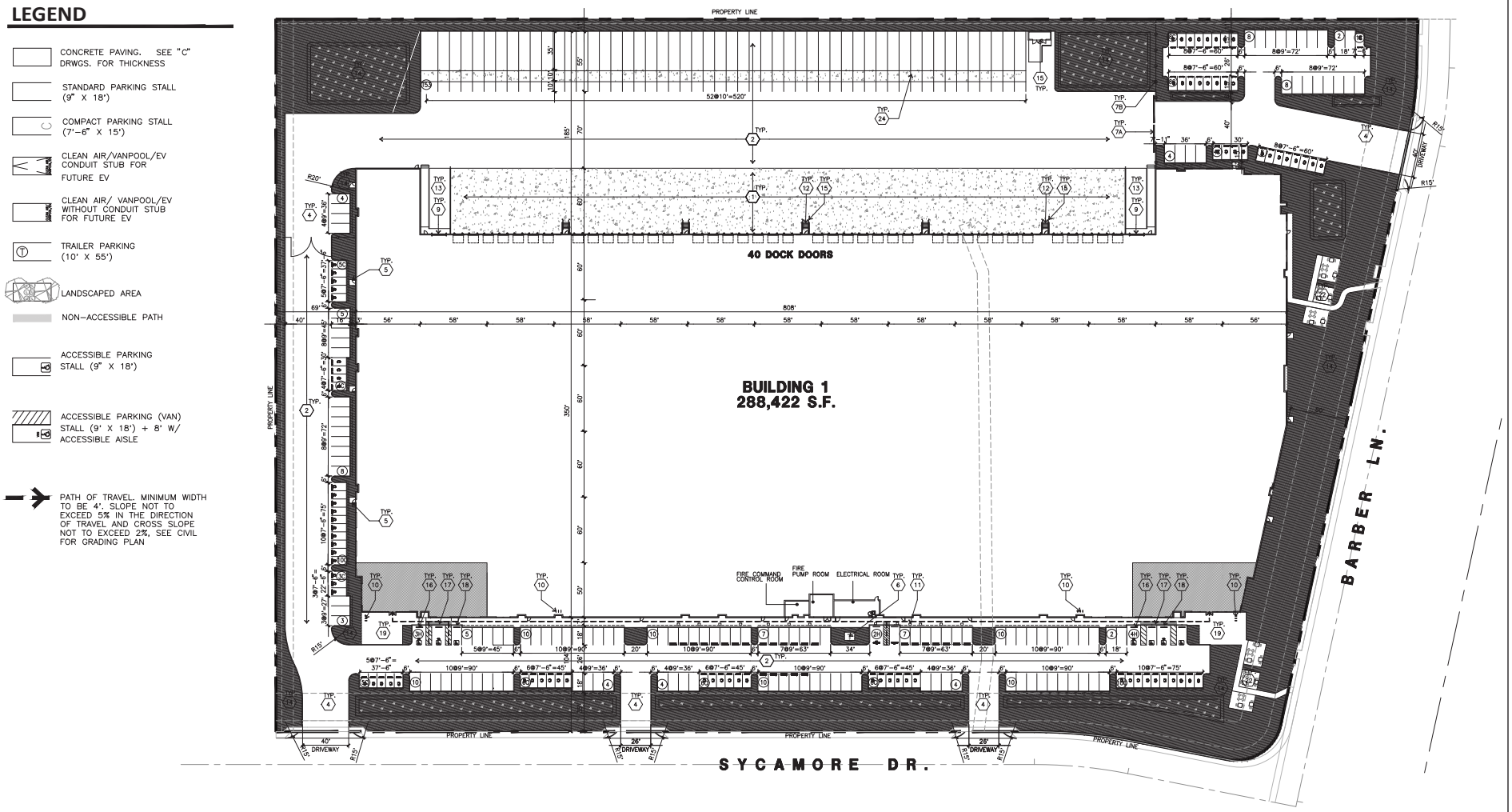

LSA

FIGURE 2-4

N

0 60 120

FEET

475 Sycamore Drive Project IS/MND

Proposed Conceptual Site Plan

SOURCE: HPA Architecture, 3/22/2022

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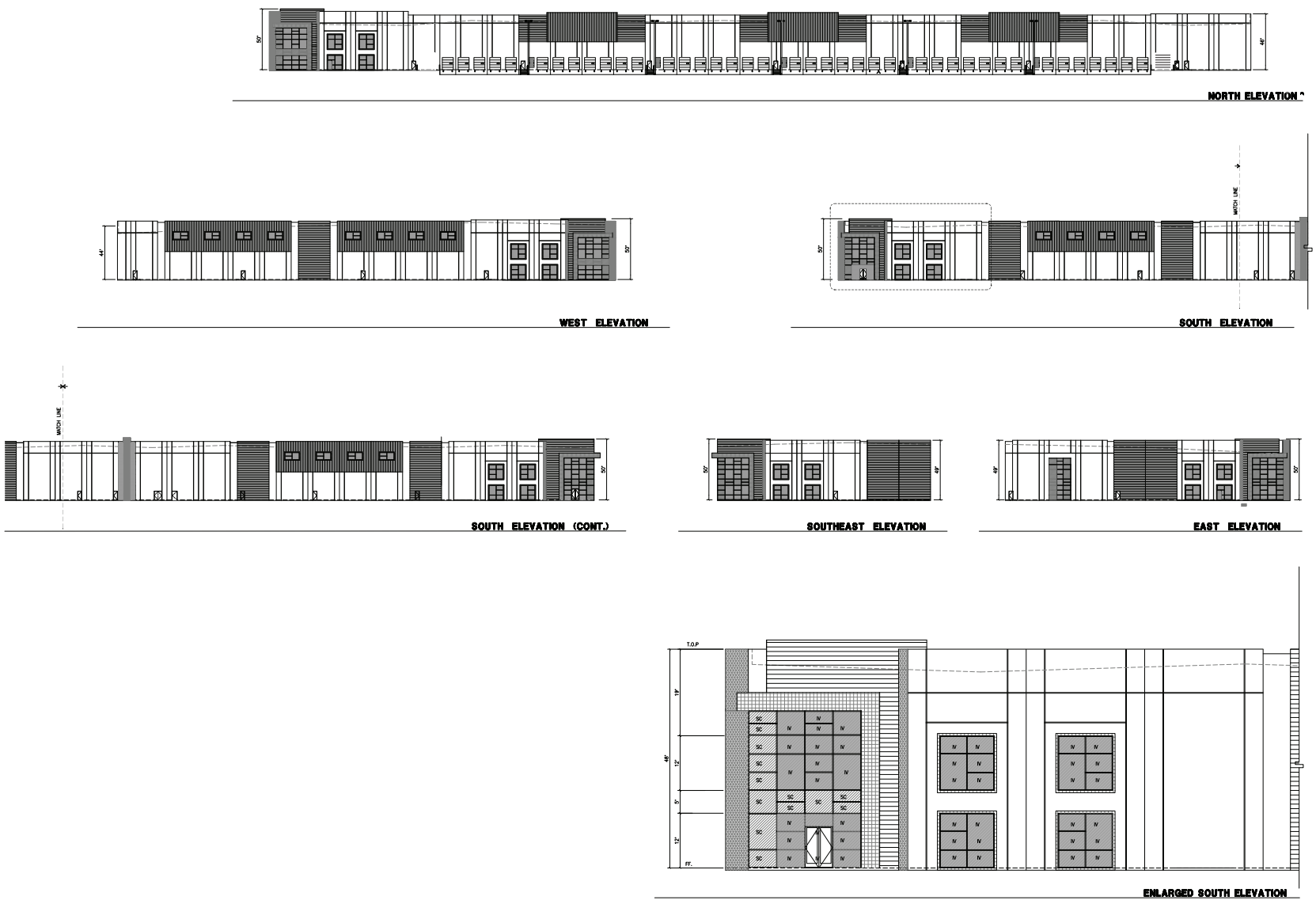


LSA

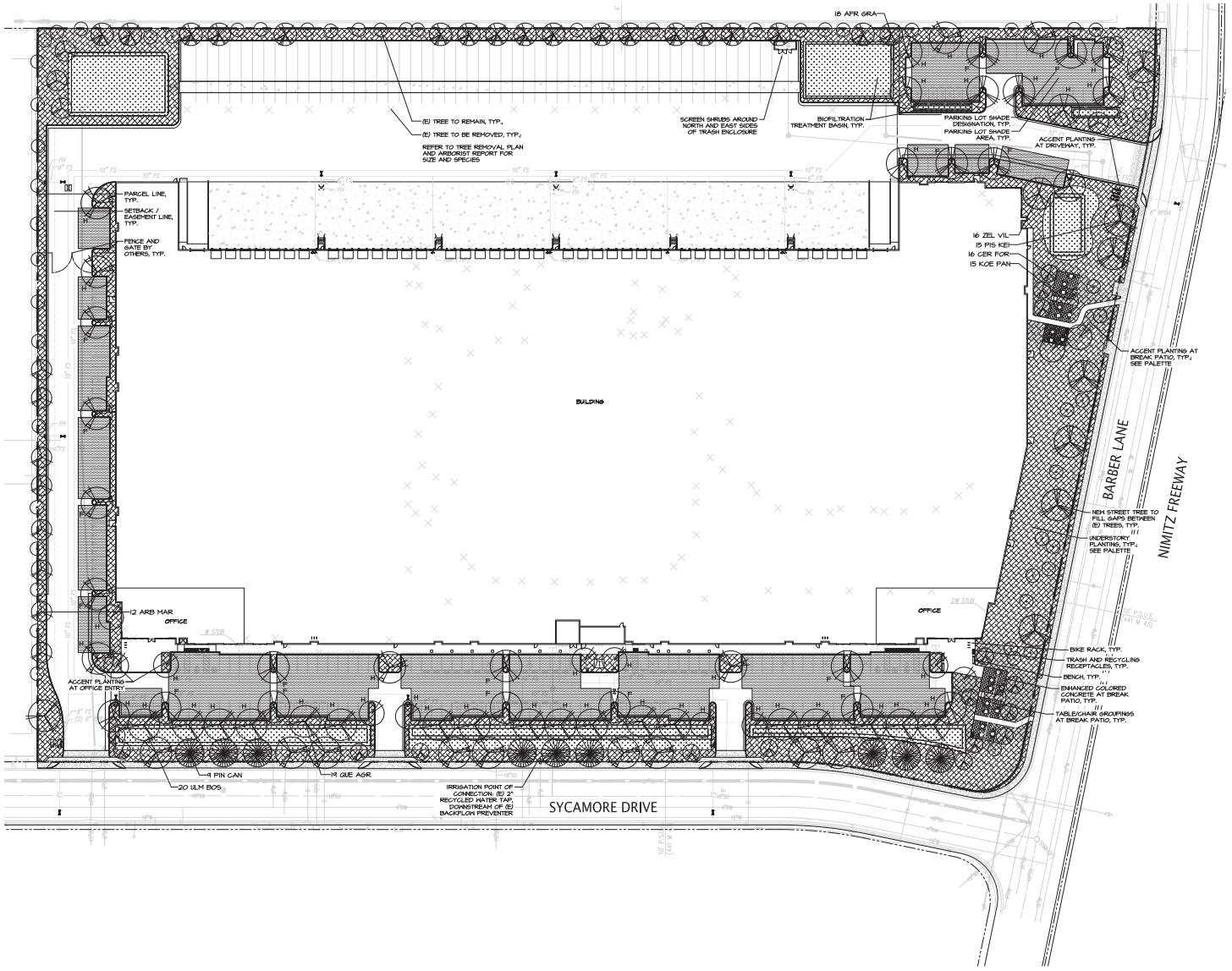
FIGURE 2-5

NOT TO SCALE

SOURCE: HPA Architecture, 3/22/2022

I:\MLP1902.11\G\Proposed Conceptual Building Elevations.ai (8/19/2022)

475 Sycamore Drive Project IS/MND
Proposed Conceptual Building Elevations



LSA

FIGURE 2-6

N

0 60 120

FEET

SOURCE: Yamasaki, May 2022

I:\MLP1902.11\G\Proposed Conceptual Landscape Plan.ai (8/19/2022)

475 Sycamore Drive Project IS/MND
Proposed Conceptual Landscape Plan

2.2.2 Operational Characteristics

The ultimate end user has not been identified at this time; therefore, specific details about the future operation are not currently available. It is assumed that the proposed buildings would operate 24 hours per day, 7 days per week, depending on business and operational needs.

2.2.3 Open Space and Landscaping

The majority of on-site landscaping would be situated along the perimeter of the project site and within the surface parking lot. Trees and ornamental vegetation would border the project site on all sides. Outdoor patios would be provided near the southeast and northeast corners of the buildings and would include patio furniture and shade structures. Landscaped bioretention basins would be located throughout the site. Of the existing 211 trees on the project site, 111 trees would be removed and 140 new trees would be planted, for a total of 240 trees on the project site.

2.2.4 Access, Circulation, and Parking

Vehicular access to the project site would be provided via three of the existing driveways on the project site, two along Sycamore Drive and one along Barber Lane, and one new driveway along Sycamore Drive, for a total of four driveways. The southernmost driveway on Sycamore Drive and the Barber Lane driveway would provide access to the loading docks and trailer stalls, both of which would be located along the northern boundary of the project site. The remaining two driveways along Sycamore Drive would primarily provide access to surface parking lots along the southern boundary of the project site. In addition to the 52 trailer stalls and 40 loading docks mentioned above, the proposed project would include 228 surface parking spaces, which would include 21 standard electric vehicle (EV) charging spaces, five clean air parking spaces, and two accessible EV charging spaces. A total of 24 bicycle parking spaces would also be provided, including 12 short-term spaces and 12 long-term spaces.

2.2.5 Utilities and Infrastructure

The project site is located in an urban area that is currently served by existing utilities, including water, sanitary sewer, storm drainage, electricity, gas, and telecommunications infrastructure. Existing and proposed utility connections are discussed below.

2.2.5.1 Water

Water service to the project site is provided by the City of Milpitas. The proposed project would include the installation of new water lines on the site that would connect to the existing 12-inch water mains within Sycamore Drive and Barber Lane.

2.2.5.2 Wastewater

The San José/Santa Clara Water Pollution Control Plant (WPCP) provides wastewater treatment for Milpitas. The City maintains existing sanitary sewer lines within the vicinity of the site, including an 18-inch line within Sycamore Drive and a 12-inch line within Barber Lane. The proposed project would connect to both of these lines via existing connections.

2.2.5.3 Stormwater

The existing buildings, paving, concrete and other impervious surfaces account for approximately 11.40 acres (496,601 square feet; 77 percent) of the 14.03-acre project site. The remaining 2.63 acres are covered by pervious surfaces consisting of landscaping. Stormwater infrastructure on the project site currently consists of storm drains and associated catch basins. Storm drains on the project site vary in size, consisting of 6- to 15-inch drains.

Upon construction of the proposed project, approximately 11.08 acres (79 percent) of the project site would be covered by impervious surfaces and approximately 2.95 acres (21 percent) would be covered by pervious surfaces, consisting of landscaped areas with lawns, shrubs, trees, and bioretention areas, as mentioned above. Stormwater drains and catch basins would be installed throughout the site, connecting to the existing storm drains mentioned above.

2.2.5.4 Electricity and Telecommunications

The proposed building would connect to the existing electricity and telecommunications lines that currently run through the project site. The proposed project would not include any connections to the existing natural gas lines.

2.2.6 Demolition and Construction

As noted above, the proposed project would result in the demolition of the existing buildings and adjacent surface pavements on the project site. The maximum depth of excavation for building pads would be approximately five feet from the existing grade and the maximum depth of utility trenching would be approximately three to four feet. It is anticipated that a total of 3,800 cubic yards of cut would be exported from the site as a result of grading. Construction of the proposed project in anticipated to begin in Spring 2023 and would occur over an approximately 12-month period.

2.3 PROJECT APPROVALS

Section XI-10-57.03 of the City's Municipal Code identifies the purpose and need for Site Development Permits. As noted in Section XI-10-57.03(A)(1), the Site Development Permit process provides for discretionary review of proposed physical improvements to a site that require special consideration due to the proposed scale, proximity to environmentally sensitive resource areas, or unique design features. Per Section XI-10-57.03(C)(1) of the City's Municipal Code, development of the proposed project would require a Site Development Permit because it involves the construction of a new building.

While the City is the CEQA Lead Agency for the proposed project, other public agencies and private entities also have approval authority, or serve as a responsible and/or trustee agency in connection to the proposed project. A list of these agencies and potential permits and approvals that may be required is provided in Table 2.A.

Table 2.A: Potential Permits and Approvals

Lead Agency	Permits/Approvals
City of Milpitas	● IS/MND Adoption (P-EA22-0004) ● Site Development Permit (P-SD22-0002) ● Tree Removal Permit (P-TR22-0009) ● Building Permit (Site Improvement, Grading, Building, Demolition) ● Affordable Housing Payments of non-residential impact fees ● Off-site Encroachment Permit ● Review/Approve fire truck access and site fire flow design

Source: LSA (2022).

3.0 ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist in Chapter 3.0.

☐ Aesthetics	☐ Agriculture and Forestry Resources	☐ Air Quality
☐ Biological Resources	☐ Cultural Resources	☐ Energy
☐ Geology/Soils	☐ Greenhouse Gas Emissions	☐ Hazards & Hazardous Materials
☐ Hydrology/Water Quality	☐ Land Use/Planning	☐ Mineral Resources
☐ Noise	☐ Population/Housing	☐ Public Services
☐ Recreation	☐ Transportation	☐ Tribal Cultural Resources
☐ Utilities/Service Systems	☐ Wildfire	☐ Mandatory Findings of Significance

3.1 DETERMINATION

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "Potentially Significant Impact" or "Potentially Significant Unless Mitigated" impact on the environment, but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Avery Stark
Signature

January 6, 2023
Date

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4.0 CEQA ENVIRONMENTAL CHECKLIST

4.1 AESTHETICS

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Except as provided in Public Resources Code Section 21099, would the project:				
a. Have a substantial adverse effect on a scenic vista?	☐	☐	☒	☐
b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway	☐	☐	☐	☒
c. In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☒	☐
d. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☒	☐	☐

a. Would the project have a substantial effect on a scenic vista? ***(Less-Than-Significant Impact)***

Scenic vistas are generally defined as publicly-accessible viewpoints that provide expansive or panoramic views of scenic resources. Scenic vistas in Milpitas are generally available from the hills to the east, including Ed Levin Park and adjacent areas. These areas are generally accessed by East Calaveras Boulevard, which is designated as a scenic connector from the City limits to the west to Evans Road, at which point it is designated as a scenic corridor until it terminates in Ed Levin Park. Public views of scenic resources, including the southern part of San Francisco Bay and associated baylands, and urbanized areas, including all of Milpitas, Mountain View, and northern San José, are primarily available from this area. There is also a scenic area on the eastern border of Milpitas along the Coyote Creek corridor.

Views of the hills to the east are generally available throughout the City, including from the private vantage points from within the project site. However, these views are largely obscured by existing development, trees, and a sound wall along the eastern side of I-880. As noted in Section 2.0, Project Description, the proposed building would be a maximum of approximately 50 feet in height in the corners, while the majority of the building would be approximately 46 feet in height. Existing commercial and industrial uses adjacent to and within the project site are generally one- to two-stories in height, with some taller buildings including the five-story Element Hotel located approximately 0.15 miles north of the project site and the eight-story Sheraton Hotel located approximately 0.38 miles south of the project site. Additionally, many of the buildings in the business park immediately north of the project site extend up to, and beyond, the 35-foot height limit for the MP zoning district. Therefore, the proposed project would be consistent with both

existing and surrounding land uses and would not significantly alter existing views of the hills to the east when compared to existing conditions.

Development of the proposed project would not substantially obscure any views of scenic vistas from surrounding public vantage points, such as trails or designated viewing areas, as none are located within the vicinity of the project site. Therefore, the proposed project would not result in a substantial adverse effect on a scenic vista, and this impact would be less than significant.

b. Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway? ***(No Impact)***

The proposed project is not located within the vicinity of any State scenic highways. Interstate 680 (I-680), from Mission Boulevard in the City of Fremont to the Contra Costa County line, is listed as an Eligible State Scenic Highway but is not an officially designated State scenic highway and is located approximately 4 miles northeast of the project site in the City of Fremont.[4] Given this distance, the proposed project would not be visible from this scenic roadway. I-880 and I-680 both run north-south through Milpitas, and are designated Scenic Connectors in the City's General Plan, indicating that they provide access to Scenic Corridors or distant views but do not necessarily traverse an area of scenic value. Lands abutting Scenic Connectors are not subject to Scenic Corridor land use guidelines. As such, the proposed project would have no impact on scenic resources located within view of a State scenic highway.

c. In non-urbanized areas, would the project substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality? ***(Less-Than-Significant Impact)***

The project site is located within an urbanized area. As noted in Section 2.0, Project Description, the project site is located within the MP zoning district. The MP District is generally intended to accommodate, in a park-like setting, a limited group of research, professional, packaging and distribution facilities and uses. MP zoning allows a floor area ratio (FAR) of up to 0.50 and does not have a maximum allowable building height, but requires that the Planning Commission make the finding that any excess height over 35 feet in height will not be detrimental to the light, air or privacy of any other structure or use currently existing or anticipated. The proposed building would be a maximum of approximately 50 feet in height and proposes a FAR of 0.48.

As also noted in Section 2.0, Project Description, a Site Development Permit would also be required for the proposed project, which would provide for the review of the physical improvements to the project site, including the overall building scale, massing, and design to ensure compatibility and compliance with City requirements governing scenic quality.

[4] California, State of, 2011. Department of Transportation. Scenic Highways. Website: https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways (accessed August 2022).

Therefore, because the proposed project would be consistent with the development standards set forth by the City's Zoning Ordinance and a Site Development Permit and site-specific review of the proposed building, including height, would be required as part of this process, the proposed project would not conflict with applicable zoning or other regulations governing scenic quality, and this impact would be less than significant.

d. Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area? ***(Less Than Significant with Mitigation Incorporated)***

The project site is located in an urban area with a variety of existing light sources including street lights, interior and exterior building lighting, and light associated with traffic on nearby roadways including Barber Lane, Sycamore Drive, and I-880. It is not anticipated that nighttime lighting associated with the proposed project would differ significantly from the existing conditions at the project site and in the surrounding area. The City's Zoning Ordinance includes the following policies related to outdoor lighting that would be applicable to the proposed project:

- **Section XI-10-54.17 – Lighting Exterior.** Lighting shall be shielded or recessed so that direct glare and reflections are contained within the boundaries of the parcel, and shall be directed downward and away from adjoining properties and public rights-of-way. Fixtures shall be appropriate in terms of height, style, design, scale and wattage to the use of the property. Fixtures shall be spaced appropriately to maximize pedestrian safety.

- **Section XI-10-7.04 – Industrial Zone Special Development and Performance Standards**
  C. Special Development Standards in MP Zones.
  1. Uses in the MP District shall be such those they:
  f. Utilize all lighting in a manner which produces no glare on public streets or on any other parcel.

To ensure that the proposed project complies with City requirements and that the proposed project's final design avoids all excess light and glare, implementation of Mitigation Measure AES-1, below, would be required to ensure that potentially significant light and glare impacts are reduced to less than significant levels.

Mitigation Measure AES-1: Outdoor lighting shall be designed to minimize glare and spillover to surrounding properties. The project design and building materials shall incorporate non-mirrored glass to minimize daylight glare. All lighting elements shall comply with Sections XI-10-54.17 and XI-10-7.04 of the City's Zoning Ordinance and the proposed lighting plan shall be reviewed and approved by the City's Planning Division prior to issuance of a building permit.

Compliance with Mitigation Measure AES-1 would reduce light and glare by requiring compliance with Sections XI-10-54.17 and XI-10-7.04 of the City's Zoning Ordinance, which would include using either shielded or recessed outdoor lighting and non-mirrored glass, which would reduce impacts related to light and glare to a less than significant level.

4.2 AGRICULTURE AND FORESTRY RESOURCES

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and the forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b. Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?	☐	☐	☐	☒
d. Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒

a. Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use? ***(No Impact)***

The project site is currently developed with three commercial buildings and is classified as "Urban and Built-Up Land" by the State Department of Conservation.[5] Therefore, the proposed project would not result in the conversion of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to another use, and no impact would occur.

[5] California Department of Conservation, 2016. Division of Land Use Resource Protection. California Important Farmland Finder. Website: https://maps.conservation.ca.gov/dlrp/ciff/ (accessed August 2022).

b. Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract? ***(No Impact)***

The City of Milpitas General Plan Land Use Map designates the project site as Business Park/Research and Development (BPRD) [6] and it is within the Industrial Park (MP) zoning district.[7] The project site is not located within a locally-designated agricultural preserve, and is therefore not eligible for a Williamson Act contract.[8] Therefore, development of the proposed project would not conflict with existing zoning for agricultural use or a Williamson Act contract and no impact would occur.

c. Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))? ***(No Impact)***

The project site is currently developed with three commercial buildings and is surrounded by commercial and industrial uses. The proposed project would not conflict with existing zoning for, or cause rezoning of, forest land or timberland, nor would it result in the loss of forest land or conversion of forest land to non-forest uses. As such, no impact to forest land or timberland would occur.

d. Would the project result in the loss of forest land or conversion of forestland to non-forest use? ***(No Impact)***

Please refer to Section 4.2.c. The proposed project would not result in the loss of forest land or conversion of forest land to non-forest uses.

e. Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use? ***(No Impact)***

Please refer to Sections 4.2.a. and 4.2.c. The project site is located in an existing urban environment and would not involve other changes in the existing environment which, due to their location or nature, could result in the conversion of farmland to non-agricultural use or conversion of forest land to non-forest use. Therefore, no impact would occur.

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6 Milpitas, City of, 2021. General Plan Land Use Map, Figure LU-1. Available online at: https://www.milpitas.gov/wp-content/uploads/2021/05/Milpitas-General-Plan-Final_Online-Version.pdf

7 Milpitas, City of, 2015. Zoning Map. January.

8 California Department of Conservation, 2016. Division of Land Resource Protection, Williamson Act Contracts. Website: https://www.conservation.ca.gov/dlrp/wa/Pages/contracts.aspx (accessed August 2022).

4.3 AIR QUALITY

Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☒	☐
b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☒	☐	☐
c. Expose sensitive receptors to substantial pollutant concentrations?	☐	☒	☐	☐
d. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☒	☐

The project site is located within the jurisdiction of the Bay Area Air Quality Management District (BAAQMD), which regulates air quality in the San Francisco Bay Area. Air quality conditions in the San Francisco Bay Area have improved significantly since the BAAQMD was created in 1955. Ambient concentrations of air pollutants and the number of days during which the region exceeds air quality standards have fallen substantially. In the City of Milpitas, and the rest of the San Francisco Bay Area Air Basin, exceedances of air quality standards occur primarily during meteorological conditions conducive to high pollution levels, such as cold, windless winter nights or hot, sunny summer afternoons.

Within the BAAQMD, ambient air quality standards for ozone, carbon monoxide (CO), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), particulate matter (PM_{10}, $PM_{2.5}$), and lead (Pb) have been set by both the State of California and the federal government. The State has also set standards for sulfate and visibility. The BAAQMD is under State non-attainment status for ozone and particulate matter standards. The BAAQMD is classified as non-attainment for the federal ozone 8-hour standard and non-attainment for the federal $PM_{2.5}$ 24-hour standard.

*a. Would the project conflict with or obstruct implementation of the applicable air quality plan? **(Less-Than-Significant Impact)***

The applicable air quality plan is the BAAQMD 2017 Clean Air Plan (Clean Air Plan),[9] which was adopted on April 19, 2017. The Clean Air Plan is a comprehensive plan to improve Bay Area air quality and protect public health. The Clean Air Plan defines control strategies to reduce emissions and ambient concentrations of air pollutants; safeguard public health by reducing exposure to air pollutants that pose the greatest heath risk, with an emphasis on protecting the communities most heavily affected by air pollution; and reduce greenhouse gas emissions to protect the climate.

[9] Bay Area Air Quality Management District (BAAQMD). 2017b. *Clean Air Plan*. April 19.

Consistency with the Clean Air Plan can be determined if the project: (1) supports the goals of the Clean Air Plan; (2) includes applicable control measures from the Clean Air Plan; and (3) would not disrupt or hinder implementation of any control measures from the Clean Air Plan.

Clean Air Plan Goals. The primary goals of the Bay Area Clean Air Plan are to: attain air quality standards; reduce population exposure and protect public health in the Bay Area; and reduce greenhouse gas emissions and protect the climate.

The BAAQMD has established significance thresholds for project construction and operational impacts at a level at which the cumulative impact of exceeding these thresholds would have an adverse impact on the region's attainment of air quality standards. The health and hazards thresholds were established to help protect public health. As discussed below, implementation of the proposed project would result in less than significant operation-period emissions and, with implementation of Mitigation Measure AIR-1, the project would result in less than significant construction-period emissions. Therefore, the project would not conflict with the Clean Air Plan goals.

Clean Air Plan Control Measures. The control strategies of the Clean Air Plan include measures in the following categories: Stationary Source Measures, Transportation Measures, Energy Measures, Building Measures, Agriculture Measures, Natural and Working Lands Measures, Waste Management Measures, Water Measures, and Super-Greenhouse Gas (GHG) Pollutants Measures.

Stationary Source Control Measures. The Stationary Source Measures, which are designed to reduce emissions from stationary sources such as metal melting facilities, cement kilns, refineries, and glass furnaces, are incorporated into rules adopted by the BAAQMD and then enforced by BAAQMD Permit and Inspection programs. Since the project would not include any stationary sources, the Stationary Source Measures of the Clean Air Plan are not applicable to the project.

Transportation Control Measures.The BAAQMD identifies Transportation Control Measures as part of the Clean Air Plan to decrease emissions of criteria pollutants, toxic air contaminants (TACs), and GHGs by reducing demand for motor vehicle travel, promoting efficient vehicles and transit service, decarbonizing transportation fuels, and electrifying motor vehicles and equipment. The proposed project would result in the redevelopment of the site with an industrial building that would locate employees near existing commercial and industrial uses and is located in close proximity to alternative modes of transportation, including a Valley Transit Authority (VTA) light rail stop and bus stops located approximately 0.25 north of the project site on East Tasman Road. A total of 21 standard electric vehicle (EV) charging spaces, 5 clean air parking spaces, and 2 accessible EV charging spaces would be installed. A total of 24 bicycle parking spaces would also be provided, including 12 short-term spaces and 12 long-term spaces. In addition, the proposed project would result in a net reduction in vehicle trips; therefore, the proposed project would not result in a significant increase in the generation of vehicle trips or vehicle miles traveled (VMT). Refer to Section 4.17, Transportation, for further discussion. As such, the project would not conflict with BAAQMD initiatives to reduce vehicle trips and VMT and would provide access to alternate means of transportation.

Energy Control Measures. The Clean Air Plan also includes Energy Control Measures, which are designed to reduce emissions of criteria air pollutants, TACs, and GHGs by decreasing the amount of electricity consumed in the Bay Area, as well as decreasing the carbon intensity of the electricity used by switching to less GHG-intensive fuel sources for electricity generation. Since these measures apply to electrical utility providers and local government agencies (and not individual projects), the Energy Control Measures of the Clean Air Plan are not applicable to the project.

Building Control Measures. The BAAQMD has authority to regulate emissions from certain sources in buildings such as boilers and water heaters, but has limited authority to regulate buildings themselves. Therefore, the strategies in the control measures for this sector focus on working with local governments that do have authority over local building codes, to facilitate adoption of best GHG control practices and policies. The proposed project would be required to comply with the latest California Green Building Standards Code (CALGreen) standards and would be designed to Leadership in Energy and Environmental Design (LEED) standards. Therefore, the Building Control Measures of the Clean Air Plan are not applicable to the project.

Agriculture Control Measures. The Agriculture Control Measures are designed to primarily reduce emissions of methane. Since the project does not include any agricultural activities, the Agriculture Control Measures of the Clean Air Plan are not applicable to the project.

Natural and Working Lands Control Measures. The Natural and Working Lands Control Measures focus on increasing carbon sequestration on rangelands and wetlands, as well as encouraging local governments to enact ordinances that promote urban-tree plantings. Since the project does not include the disturbance of any rangelands or wetlands, the Natural and Working Lands Control Measures of the Clean Air Plan are not applicable to the project.

Waste Management Control Measures. The Waste Management Measures focus on reducing or capturing methane emissions from landfills and composting facilities, diverting organic materials away from landfills, and increasing waste diversion rates through efforts to reduce, reuse, and recycle. The project would comply with local requirements for waste management (e.g., recycling and composting services). Therefore, the project would be consistent with the Waste Management Control Measures of the Clean Air Plan.

Water Control Measures.The Water Control Measures focus on reducing emissions of criteria pollutants, TACs, and GHGs by encouraging water conservation, limiting GHG emissions from publicly owned treatment works (POTWs), and promoting the use of biogas recovery systems. Since these measures apply to POTWs and local government agencies (and not individual projects), the Water Control Measures are not applicable to the project.

Super-GHG Control Measures. The Super-GHG Control Measures are designed to facilitate the adoption of best GHG control practices and policies through the BAAQMD and local government agencies. Since these measures do not apply to individual projects, the Super-GHG Control Measures are not applicable to the project.

Clean Air Plan Implementation. As discussed above, the proposed project would generally implement the applicable measures outlined in the Clean Air Plan, including Transportation Control Measures. Therefore, the project would not disrupt or hinder implementation of a control measure from the Clean Air Plan, and this impact would be less than significant.

b. Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard? ***(Less Than Significant with Mitigation Incorporated)***

The BAAQMD is currently designated as a non-attainment area for State and national ozone standards and national particulate matter ambient air quality standards. The BAAQMD non-attainment status is attributed to the region's development history. Past, present, and future development projects contribute to the region's adverse air quality impacts on a cumulative basis. By its very nature, air pollution is largely a cumulative impact. No single project is sufficient in size to, by itself, result in non-attainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. If a project's contribution to the cumulative impact is considerable, then the project's impact on air quality would be considered significant.

In developing thresholds of significance for air pollutants, the BAAQMD considered the emission levels for which a project's individual emissions would be cumulatively considerable. If a project exceeds the identified significance thresholds, its emissions would be cumulatively considerable, resulting in significant adverse air quality impacts to the region's existing air quality conditions. The following analysis assesses the potential construction- and operation-related air quality impacts and CO impacts of the proposed project.

Construction Emissions. During construction, short-term degradation of air quality may occur due to the release of particulate matter emissions (i.e., fugitive dust) generated by demolition, grading, hauling, and other activities. Emissions from construction equipment are also anticipated and would include CO, nitrogen oxide (NO_x), reactive organic gases (ROG), directly-emitted particulate matter ($PM_{2.5}$ and PM_{10}), and TACs such as diesel exhaust particulate matter.

Site preparation and project construction would involve demolition, grading, paving, and other activities. Construction-related effects on air quality from the proposed project would be greatest during the site preparation phase due to the disturbance of soils. If not properly controlled, these activities would temporarily generate particulate emissions. Sources of fugitive dust would include disturbed soils at the construction site. Unless properly controlled, vehicles leaving the site would deposit dirt and mud on local streets, which could be an additional source of airborne dust after it dries. PM_{10} emissions would vary from day to day, depending on the nature and magnitude of construction activity and local weather conditions. PM_{10} emissions would depend on soil moisture, silt content of soil, wind speed, and the amount of operating equipment. Larger dust particles would settle near the source, while fine particles would be dispersed over greater distances from the construction site.

Water or other soil stabilizers can be used to control dust, resulting in emission reductions of 50 percent or more. The BAAQMD has established standard measures for reducing fugitive dust

emissions (PM_{10}). With the implementation of these Basic Construction Mitigation Measures, fugitive dust emissions from construction activities would not result in adverse air quality impacts.

In addition to dust-related PM_{10} emissions, heavy trucks and construction equipment powered by gasoline and diesel engines would generate CO, SO_2, NO_x, ROGs and some soot particulate ($PM_{2.5}$ and PM_{10}) in exhaust emissions. If construction activities were to increase traffic congestion in the area, CO and other emissions from traffic would increase slightly while those vehicles are delayed. These emissions would be temporary and limited to the immediate area surrounding the construction site.

Construction emissions were estimated for the project using the California Emissions Estimator Model (CalEEMod) version 2020.4.0, consistent with BAAQMD recommendations. Construction activities would include the demolition of the existing commercial buildings, which was included in CalEEMod. In addition, the proposed project would include the export of 3,800 cubic yards of soil, which was included in CalEEMod. This analysis also assumes the use of Tier 2 construction equipment. Other construction details are not yet known; therefore, default assumptions (e.g., construction phasing and construction fleet activities) from CalEEMod were used. For purposes of this analysis, the construction schedule was assumed to be approximately 12 months. Construction-related emissions are presented in Table 4.A. CalEEMod output sheets are included in Appendix A.

Table 4.A: Project Construction Emissions (in Pounds Per Day)

Project Construction	ROG	NO_x	Exhaust PM_{10}	Fugitive Dust PM_{10}	Exhaust $PM_{2.5}$	Fugitive Dust $PM_{2.5}$
Average Daily Emissions	9.6	20.5	0.7	1.7	0.7	0.5
BAAQMD Thresholds	**54.0**	**54.0**	**54.0**	**BMP**	**82.0**	**BMP**
Exceed Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

Source: LSA (November 2022)
BAAQMD = Bay Area Air Quality Management District
BMP = best management practices
NO_X = nitrogen oxides
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
PM_{10} = particulate matter less than 10 microns in size
ROG = reactive organic gases

As shown in Table 4.A, construction emissions associated with the project would be less than significant for ROG, NO_x, $PM_{2.5}$, and PM_{10} exhaust emissions. The BAAQMD requires the implementation of the BAAQMD Basic Construction Mitigation Measures (best management practices) to reduce construction fugitive dust impacts to a less than significant level as follows:

Mitigation Measure AIR-1 In order to meet the Bay Area Air Quality Management District (BAAQMD) fugitive dust threshold, the following BAAQMD Basic Construction Mitigation Measures shall be implemented:

- All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.

- All haul trucks transporting soil, sand, or other loose material off site shall be covered.
- All visible mud or dirt tracked-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
- All vehicle speeds on unpaved roads shall be limited to 15 miles per hour.
- All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible.
- Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California Airborne Toxic Control Measure Title 13, Section 2485 of the California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.
- All construction equipment shall be maintained and properly tuned in accordance with manufacturers' specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.
- A publicly-visible sign shall be posted with the telephone number and person to contact at the City of Milpitas regarding dust complaints. This person shall respond and take corrective action within 48 hours. The BAAQMD's phone number shall also be visible to ensure compliance with applicable regulations.

As shown in Table 4.A, construction emissions associated with the proposed project would be less than significant with implementation of Mitigation Measure AIR-1. Therefore, construction of the proposed project would not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or State ambient air quality standard, and impacts would be less than significant with mitigation incorporated.

Operational Emissions. Long-term air pollutant emission impacts are those associated with mobile sources (e.g., vehicle trips), energy sources (e.g., electricity and natural gas), and area sources (e.g., architectural coatings and the use of landscape maintenance equipment) related to the proposed project.

PM_{10} emissions result from running exhaust, tire and brake wear, and the entrainment of dust into the atmosphere from vehicles traveling on paved roadways. Entrainment of PM_{10} occurs when

vehicle tires pulverize small rocks and pavement and the vehicle wakes generate airborne dust. The contribution of tire and brake wear is small compared to the other PM emission processes. Gasoline-powered engines have small rates of particulate matter emissions compared with diesel-powered vehicles.

Energy source emissions result from activities in buildings for which electricity and natural gas are used. The quantity of emissions is the product of usage intensity (i.e., the amount of electricity or natural gas) and the emission factor of the fuel source.

Typically, area source emissions consist of direct sources of air emissions located at the project site, including architectural coatings and the use of landscape maintenance equipment. Area source emissions associated with the project would include emissions from the use of landscaping equipment.

Emission estimates for operation of the project were calculated using CalEEMod. Model results are shown in Table 4.B. Trip generation rates for the project were based on the project's trip generation estimate, as identified in Section 4.17, Transportation. Based on the trip generation estimates, existing conditions would generate approximately 2,143 average daily trips and the proposed project would generate approximately 1,996 average daily trips, resulting in a net decrease of 147 average daily trips. Thus, no new mobile emissions would be generated by the proposed project.

Table 4.B: Project Operational Emissions

	ROG	NO_x	PM_{10}	$PM_{2.5}$
Pounds Per Day				
Area Source Emissions	7.2	<0.1	<0.1	<0.1
Energy Source Emissions	<0.1	0.3	<0.1	<0.1
Mobile Sources	0.0	0.0	0.0	0.0
Total Emissions	**7.2**	**0.3**	**<0.1**	**<0.1**
BAAQMD Thresholds	54.0	54.0	82.0	54.0
Exceed Threshold?	**No**	**No**	**No**	**No**
Tons Per Year				
Area Source Emissions	1.3	<0.1	<0.1	<0.1
Energy Source Emissions	<0.1	<0.1	<0.1	<0.1
Mobile Sources	0.0	0.0	0.0	0.0
Total Emissions	**1.3**	**<0.1**	**<0.1**	**<0.1**
BAAQMD Thresholds	10.0	10.0	15.0	10.0
Exceed Threshold?	**No**	**No**	**No**	**No**

Source: LSA (November 2022).
BAAQMD = Bay Area Air Quality Management District
NO_X = nitrogen oxides
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
PM_{10} = particulate matter less than 10 microns in size
ROG = reactive organic gases

The primary emissions associated with the project are regional in nature, meaning that air pollutants are rapidly dispersed on release or, in the case of vehicle emissions associated with the project, emissions are released in other areas of the San Francisco Bay Area Air Basin. The daily and annual emissions associated with project operational trip generation, energy, and area sources are identified in Table 4.B for ROG, NO_x, PM_{10}, and $PM_{2.5}$.

The results shown in Table 4.B indicate the project would not exceed the significance criteria for daily or annual ROG, NO_x, PM_{10} or $PM_{2.5}$ emissions. Therefore, operation of the proposed project would not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or State ambient air quality standard. Impacts would be less than significant.

Localized CO Impacts. Emissions and ambient concentrations of CO have decreased dramatically in the Bay Area with the introduction of the catalytic converter in 1975. No exceedances of the State or federal CO standards have been recorded at Bay Area monitoring stations since 1991. The BAAQMD 2017 CEQA Guidelines[10] include recommended methodologies for quantifying concentrations of localized CO levels for proposed transportation projects. A screening level analysis using guidance from the BAAQMD CEQA Guidelines was performed to determine the impacts of the project. The screening methodology provides a conservative indication of whether the implementation of a proposed project would result in significant CO emissions. According to the BAAQMD CEQA Guidelines, a proposed project would result in a less than significant impact to localized CO concentrations if the following screening criteria are met:

- The project is consistent with an applicable congestion management program established by the county congestion management agency for designated roads or highways, and the regional transportation plan and local congestion management agency plans.
- Project traffic would not increase traffic volumes at affected intersections to more than 44,000 vehicles per hour.
- The project would not increase traffic volumes at affected intersections to more than 24,000 vehicles per hour where vertical and/or horizontal mixing is substantially limited (e.g., tunnel, parking garage, bridge underpass, natural or urban street canyon, or below-grade roadway).

Implementation of the proposed project would not conflict with the policies or programs of the Santa Clara County Valley Transportation Authority. As identified in Section 4.17, Transportation, the proposed project would generate a net decrease of approximately 30 AM peak hour trips and 77 PM peak hour trips; therefore, the project's contribution to peak hour traffic volumes at intersections in the vicinity of the project site would be well below 44,000 vehicles per hour. Therefore, the proposed project would not result in localized CO concentrations that exceed State or federal standards, and impacts would be less than significant.

c. Would the project expose sensitive receptors to substantial pollutant concentrations? ***(Less Than Significant with Mitigation Incorporated)***

Sensitive receptors are defined as residential uses, schools, daycare centers, nursing homes, and medical centers. Individuals particularly vulnerable to diesel particulate matter are children, whose lung tissue is still developing, and the elderly, who may have serious health problems that can be

[10] Bay Area Air Quality Management District (BAAQMD). 2017a. California Environmental Quality Act Air Quality Guidelines. May.

aggravated by exposure to diesel particulate matter. Exposure from diesel exhaust associated with construction activity contributes to both cancer and chronic non-cancer health risks.

According to the BAAQMD, a project would result in a significant impact if it would: individually expose sensitive receptors to TACs resulting in an increased cancer risk greater than 10.0 in one million, increased non-cancer risk of greater than 1.0 on the hazard index (chronic or acute), or an annual average ambient $PM_{2.5}$ increase greater than 0.3 micrograms per cubic meter ($\mu g/m^3$).

The project site is located in an urban area in close proximity to existing residential uses that could be exposed to diesel emission exhaust during the construction period. Residential uses are located east of the project site across the I-880 freeway. To estimate the potential cancer risk from project construction equipment exhaust (including diesel particulate matter), a dispersion model was used to translate an emission rate from the source location to a concentration at the receptor location (i.e., a nearby residential land use). Dispersion modeling varies from a simpler, more conservative screening-level analysis to a more complex and refined detailed analysis. This refined assessment was conducted using the California Air Resources Board's (CARB) exposure methodology, with the air dispersion modeling performed using the United States Environmental Protection Agency's (USEPA) dispersion model AERMOD. The model provides a detailed estimate of exhaust concentrations based on site and source geometry, source emissions strength, distance from the source to the receptor, and site-specific meteorological data. Table 4.C, below, identifies the results of the analysis utilizing the standard Tier 2 construction equipment. Model snap shots of the sources are provided in Appendix B.

Table 4.C: Unmitigated Inhalation Health Risks from Project Construction to Off-Site Receptors

	Carcinogenic Inhalation Health Risk in One Million	Chronic Inhalation Hazard Index	Acute Inhalation Hazard Index	Annual $PM_{2.5}$ Concentration ($\mu g/m^3$)
Maximally Exposed Individual	15.42	0.017	0.000	0.083
Threshold	**10.0**	**1.0**	**1.0**	**0.30**

Source: LSA (November 2022).
$\mu g/m^3$ = micrograms per cubic meter
$PM_{2.5}$ = particulate matter less than 2.5 microns in size

As shown in Table 4.C, the risk associated with project construction at the maximally exposed individual (MEI) would be 15.42 in one million, which would exceed the BAAQMD cancer risk of 10 in one million, and would result in a potentially significant impact without mitigation. The total chronic hazard index would be 0.017 which would not exceed the threshold of 1.0. In addition, the total acute hazard index would be nominal (0.000), which would also not exceed the threshold of 1.0. The results of the analysis indicate that the total $PM_{2.5}$ concentration would be 0.083 $\mu g/m^3$, which would not exceed the BAAQMD significance threshold of 0.30 $\mu g/m^3$. As indicated above, the cancer risk of 15.42 in one million would exceed BAAQMD thresholds. Therefore, implementation of Mitigation Measure AIR-2 would be required to reduce substantial pollutant concentrations during project construction.

Mitigation Measure AIR-2 During construction of the proposed project, the project contractor shall ensure that all off-road diesel-powered construction equipment of 50 horsepower or more used for the project construction at a minimum meets the California Air Resources Board Tier 2 emissions standards equipped with Level 3 diesel particulate filters or the equivalent.

Table 4.D identifies the results of the analysis with implementation of Mitigation Measure AIR-2.

Table 4.D: Mitigated Inhalation Health Risks from Project Construction to Off-Site Receptors

	Carcinogenic Inhalation Health Risk in One Million	Chronic Inhalation Hazard Index	Acute Inhalation Hazard Index	Annual $PM_{2.5}$ Concentration ($\mu g/m^3$)
Maximally Exposed Individual	2.66	0.003	0.000	0.014
Threshold	**10.0**	**1.0**	**1.0**	**0.30**

Source: LSA (November 2022).
$\mu g/m^3$ = micrograms per cubic meter
$PM_{2.5}$ = particulate matter less than 2.5 microns in size

As shown in Table 4.D, the mitigated cancer risk at the MEI would be 2.66 in one million, which would not exceed the BAAQMD cancer risk of 10 in one million. Therefore, with implementation of Mitigation Measure AIR-2, construction of the proposed project would not exceed BAAQMD thresholds and would not expose nearby sensitive receptors to substantial pollutant concentrations.

To determine the potential health risk to people living and working near the proposed project associated with the exhaust of diesel-powered trucks and equipment, an operational HRA was conducted for the proposed project. This HRA has been conducted using three models: (1) EMFAC2021 for on-road vehicle emissions factors and percentages of fuel type within the overall vehicle fleet; (2) the USEPA AERMOD air dispersion model to determine how the TACs would move through the atmosphere after release from sources both on site and on surrounding roadways; and (3) CARB's HARP2 model to translate the pollutant concentrations from AERMOD into individual health risks at any sensitive receptor locations surrounding the project site.

The first step of an HRA is to characterize the project-related emissions of TACs. The proposed project would generate a total of 1,996 average daily trips, including 1,943 passenger vehicle trips and 53 truck trips. The trucks would access the site by Sycamore Drive and Barber Lane. The proposed project would provide a total of 40 loading docks; as the project would contain multiple loading docks, off-site queuing of trucks is not anticipated. While the TAC emissions from gasoline-powered vehicles have a small health effect compared to DPM, this HRA includes both gasoline- and diesel-powered vehicle emissions. For the diesel exhaust emissions, it is sufficient to only consider the DPM (PM_{10} and $PM_{2.5}$) portions of the exhaust; all the TACs for the gasoline exhaust emissions are contained in the ROG emissions. Using speciation data from CARB, the emission rates of the TAC components are derived from the total ROG emissions.

Project trucks would operate in two modes: stationary idling and moving on and off the site. The emissions from trucks while idling result in a much higher concentration of TACs at nearby sensitive receptors compared to the emissions from moving trucks. This is due to the dispersion of emissions that occurs with distance and with travel of the vehicle. For this HRA, the truck travel emissions were modeled as a series of volume sources along the on-site driveways, along Sycamore Drive, and along Barber Lane. LSA assumed vehicles traveling on site would maneuver slowly, averaging approximately 5–15 miles per hour (mph), and that vehicles traveling on roadways would average 5–55 mph.

The idling emissions of trucks operating on the project site were modeled as point sources within the area sources representing the planned loading docks. EMFAC2021 was used to determine the emissions factors of idling and operating diesel trucks to determine the total emissions of DPM. While it is expected that the truck emissions rate will continue to reduce over time, an HRA only allows for a single emission rate to represent the entire 30-year exposure period. The use of emissions factors for the year 2023 was used as a conservative estimate of emissions, although the project is not expected to be fully operational until 2024.

The carcinogenic and chronic health risks from the proposed project are shown in Table 4.E. Model snap shots of the sources are provided in Appendix B.

Table 4.E: Health Risks from Project Operation to Off-Site Receptors

	Carcinogenic Inhalation Health Risk in One Million	Chronic Inhalation Hazard Index	Acute Inhalation Hazard Index	Annual $PM_{2.5}$ Concentration ($\mu g/m^3$)
Maximally Exposed Individual	7.28	0.002	0.000	0.011
Threshold	**10.0**	**1.0**	**1.0**	**0.30**

Source: LSA (November 2022).
$\mu g/m^3$ = micrograms per cubic meter
$PM_{2.5}$ = particulate matter less than 2.5 microns in size

As shown in Table 4.E, the maximum cancer risk for the sensitive receptor MEI would be 7.28 in one million, less than the threshold of 10 in one million. The total chronic hazard index would be 0.002, which is below the threshold of 1.0. In addition, the total acute hazard index would be nominal (0.000), which would also not exceed the threshold of 1.0. The results of the analysis indicate that the total $PM_{2.5}$ concentration would be 0.011 $\mu g/m^3$, which would not exceed the BAAQMD significance threshold of 0.30 $\mu g/m^3$. As these results show, all health risk levels to nearby residents from operation-related emissions of TACs would be well below the BAAQMD's risk thresholds. No significant health risk would occur from project operation emissions.

Therefore, with implementation of Mitigation Measure AIR-2, the project would not expose sensitive receptors to substantial levels of TACs, and this impact would be less than significant.

d. Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people? ***(Less-Than-Significant Impact)***

During project construction, some odors may be present due to diesel exhaust. However, these odors would be temporary and limited to the construction period. The proposed project would not include any activities or operations that would generate objectionable odors and once operational, the project would not be a source of odors. Therefore, the proposed project would not result in other emissions (such as those leading to odors) adversely affecting a substantial number of people. This impact would be less than significant.

4.4 BIOLOGICAL RESOURCES

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☐	☒
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☐	☒
c. Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒
d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☒	☐	☐
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☒	☐
f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☒	☐

*a. Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service? **(No Impact)***

There are no special-status species that are known to occur on the project site.[11] Due to the developed nature of the project site and the presence of associated hardscape, it is unlikely that the project site would support any special-status species. Therefore, no impact to special-status species would occur as a result of the proposed project.

[11] Milpitas, City of, 2020. *Draft Environmental Impact Report for the Milpitas General Plan Update*. November 2.

b. Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service? ***(No Impact)***

The project site is located in an urban area and does not support any riparian or other sensitive natural communities.[12] Therefore, no impact related to riparian habitat or other sensitive natural communities would occur with the proposed project.

c. Would the project have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means? ***(No Impact)***

The project site is within a developed area and is not located in an area that supports wetlands, drainages, or water bodies as defined by Section 404 of the Clean Water Act.[13] The proposed project would not result in the direct removal, filling, or hydrological interruption of such wetlands. Therefore, no impact to federally protected wetlands would occur with the proposed project.

d. Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites? ***(Less Than Significant with Mitigation Incorporated)***

The project site is a developed, landscaped area that supports wildlife species typically associated with urban and suburban areas. Because the project site is located within a developed area, is surrounded by industrial and commercial uses, and is adjacent to I-880, there are no major wildlife movement corridors that pass through or are adjacent to the project site. Existing trees are located throughout and around the project site. Trees and other landscape vegetation generally have the potential to support nests of common native bird species. All native birds, regardless of their regulatory status, are protected under the federal Migratory Bird Treaty Act and California Fish and Wildlife Code. The proposed project would result in the removal of 111 trees. If conducted during the breeding season (February through August), vegetation removal and construction activities could directly impact nesting birds by removing trees or vegetation that support active nests. Implementation of the following mitigation measure would reduce potential impacts to nesting birds to a less than significant level.

12 U.S. Fish and Wildlife Service, 2020. National Wetlands Inventory (Map). Website: https://www.fws.gov/wetlands/data/mapper.HTML (accessed August 2022).

13 Ibid.

Mitigation Measure BIO-1: If feasible, all vegetation removal shall be conducted during the non-breeding season (i.e., September 1 to January 31) to avoid direct impacts to nesting birds. If such work is scheduled during the breeding season, a qualified biologist or ornithologist shall conduct a pre-construction survey to determine if any birds are nesting within the project site. The pre-construction survey shall be conducted within 15 days prior to the start of work from March through May (since there is a higher potential for birds to initiate nesting during this period), and within 30 days prior to the start of work from June through July. If active nests are found during the survey, the biologist or ornithologist shall determine an appropriately sized buffer around the nest in which no work will be allowed until the young have successfully fledged. The size of the buffer shall be determined by the biologist or ornithologist in consultation with the California Department of Fish and Wildlife, and would be based on the nesting species, its sensitivity to disturbance, and the expected types of disturbance.

Compliance with Mitigation Measure BIO-1 would require preconstruction surveys within 15 days of the start of construction, if it occurs during the breeding season, which would ensure that potential impacts to nesting birds are reduced to a less-than-significant level.

e. Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance? ***(Less-Than-Significant Impact)***

As described in Section 2.0, Project Description, per Section X-2-7.01 of the Municipal Code, the City of Milpitas requires a Tree Removal Permit for the removal of any trees with the following characteristics:

- All trees which have a 56-inch or greater circumference of any trunk measured 4.5 feet from the ground and located on developed residential property; or
- All trees which have a 37-inch or greater circumference of any trunk measured 4.5 feet from the ground and located on developed commercial or industrial property; or
- All trees which have a 37-inch or greater circumference of any trunk measured 4.5 feet from the ground, when removal relates to any transaction for which zoning approval or subdivision approval is required; or
- Any tree existing at the time of a zoning or subdivision approval and was a specific subject of such approval or otherwise covered by subsection (b) above; or
- All trees which have a 37-inch or greater circumference of any trunk measured 4.5 feet from the ground and located on a vacant, undeveloped or underdeveloped property; or
- All heritage trees or groves of trees as defined in Section X-2-2.10.

A heritage tree is defined as:

- An outstanding specimen or grove of a desirable species;
- One of the largest or oldest trees or grove of trees in Milpitas; or
- A tree or grove of trees possessing distinctive form, size, age, location and/or historical significance.

Protected trees that would be removed must be replaced at a ratio of 2 trees for every 1 removed protected tree pursuant to Section X-2-4.05 of the City's Municipal Code. The size of the replacement trees must be commensurate with the size of the removed trees, as determined by the Planning Director.

As noted above, 70 trees on the project site are protected and would be removed during construction. The project applicant would be required to obtain a Tree Removal Permit prior to the removal of any trees pursuant to Section X-2-7.01 of the City's Municipal Code and must replace the removed trees with at least 140 trees. The proposed project includes a request for a Tree Removal Permit for 111 trees of which 70 trees are considered protected within the project site and would include a total of 140 new trees. Therefore, the proposed project would not conflict with any local policies or ordinances protecting biological resources, and this impact would be less than significant.

f. Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan? ***(Less-Than-Significant Impact)***

The project site does not fall within the Covered Area for the Santa Clara Valley Habitat Plan,[14] but it does fall within the Plan's Expanded Study Area and Permit Area for Burrowing Owl Conservation. Only activities pertinent to the conservation of burrowing owls are considered to be Covered Activities within this expanded study area. As such, the proposed project is not considered to be a Covered Activity under the Santa Clara Valley Habitat Plan. No other Habitat Conservation Plan, Natural Community Conservation Plan, or other approved habitat conservation plans apply to the project site. Therefore, the proposed project would not conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or State habitat conservation plan, and this impact would be less than significant.

[14] ICF International, 2012. *Final Santa Clara Valley Habitat Plan*. Website: https://www.scv-habitatagency.org/DocumentCenter/View/123/Chapter-1-Introduction (accessed August 2022). August.

4.5 CULTURAL RESOURCES

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	☐	☒	☐	☐
b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☐	☒	☐	☐
c. Disturb any human remains, including those interred outside of formal cemeteries?	☐	☐	☒	☐

*a. Would the project cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5? **(Less Than Significant with Mitigation Incorporated)***

For a cultural resource to be considered a historical resource (i.e., eligible for listing in the California Register of Historical Resources), it generally must be 50 years or older. Under CEQA, historical resources can include precontact (i.e., Native American) archaeological deposits, historic-period archaeological deposits, historic buildings, and historic districts. The existing buildings were constructed between 1982 and 1983[15] and have not been identified as a historic resource by the City.[16]

Although no archaeological deposits have been recorded at the project site, there is the potential for previously unknown pre-contact archaeological deposits to be unearthed during construction activities. Should project excavation unearth intact archaeological deposits, a substantial adverse change to a historical resource would occur due to the partial or complete destruction of the resource. This destruction would undermine the integrity of the resource, such that it would no longer be eligible for listing in the California Register of Historical Resources. As such, project ground-disturbing activities could have a substantial adverse change on buried archaeological deposits that qualify as historical resources, as defined in CEQA Guidelines Section 15064.5, and could materially impair pre-contact archaeological deposits. Implementation of the following mitigation measure would reduce potential impacts to historic archaeological resources to a less than significant level.

Mitigation Measure CUL-1: Cultural resources materials may include pre-contact resources such as flaked and ground stone tools and debris, shell, bone, ceramics, and fire-affected rock, as well as historic resources such as glass, metal, wood, brick, or structural remnants.

[15] Apex Companies, LLC, 2021. Phase I Environmental Site Assessment, 475, 501, and 525 Sycamore Drive, Milpitas, California. September 14.

[16] Milpitas, City of, 2020. Op. cit.

The applicant shall inform its contractor(s) of the sensitivity of the project site for archaeological deposits, and include the following directive on the project grading plans:

> *"The subsurface of the construction site is sensitive for archaeological deposits. If archaeological deposits are encountered during project subsurface construction, all ground-disturbing activities within 25 feet shall be redirected and a qualified archaeologist shall assess the situation, consult with agencies as appropriate, and make recommendations for the treatment of the discovery. Project personnel shall not collect or move any archaeological materials. Archaeological deposits can include, but are not limited to, shellfish remains; bones, including human remains; flakes of, and tools made from, obsidian, chert, and basalt; mortars and pestles; historical trash deposits containing glass, ceramics, and metal artifacts; and structural remains, including foundations and wells."*

The City shall verify that the language has been included in the grading plans prior to issuance of a grading permit or other permitted project action that includes ground-disturbing activities on the project site.

If the deposits are uncovered on the site and found to be significant (i.e., eligible for listing in the California Register of Historical Resources), the applicant shall be responsible for funding and implementing appropriate mitigation measures. Mitigation measures may include recordation of the archaeological deposit, data recovery and analysis, and public outreach regarding the scientific and cultural importance of the discovery. Upon completion of the selected mitigations, a report documenting methods and findings shall be prepared, and the final report shall be submitted to the Northwest Information Center at Sonoma State University. Significant archaeological materials shall be submitted to an appropriate curation facility and used for public interpretive displays, as appropriate and in coordination with a local Native American tribal representative.

Compliance with Mitigation Measure CUL-1 would ensure that construction contractors are notified of the sensitivity of the project site for cultural resources and ensure that archaeological resources are properly handled in the event of an accidental discovery, and therefore would ensure this impact would be less than significant.

b. Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5? ***(Less Than Significant with Mitigation Incorporated)***

In accordance with CEQA Guidelines Section 15064.5(c)), if the project would affect an archaeological deposit, the lead agency must first determine whether the deposit is a "historical resource" (see CEQA Guidelines Section 15064.5(a)). If the deposit is not a historical resource, the lead agency must determine if the deposit is a "unique archaeological resource."

Based on the significance criteria identified above, the proposed project would have a significant impact on the environment if ground-disturbing activities would cause a substantial adverse change in the significance of a historical or archaeological resource. A substantial adverse change in the significance of an archaeological resource would occur from its demolition, destruction, relocation, or alteration such that the significance of the resource would be materially impaired (CEQA Guidelines Section 15064.5(b)(1)). For the proposed project, the significance of an archaeological resource would be materially impaired if ground disturbance would alter in an adverse manner those physical characteristics of the resource that convey its historical significance and that justify its eligibility for inclusion in the California Register of Historical Resources. The proposed project could affect previously unidentified archaeological deposits, thereby causing a substantial adverse change in the significance of an archaeological resource as defined in Section 15064.5. However, potential impacts would be reduced to a less than significant level with implementation of Mitigation Measure CUL-1.

c. Would the project disturb any humans remains, including those interred outside of formal cemeteries? ***(Less-Than-Significant-Impact)***

There are no known human remains at the project site. In the event that human remains are identified during project construction, these remains would be treated in accordance with Section 7050.5 of the California Health and Safety Code and Section 5097.98 of the Public Resources Code, as appropriate.

Section 7050.5 of the California Health and Safety Code states that, in the event of discovery or recognition of any human remains in any location other than a dedicated cemetery, there shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains until the coroner of the county in which the remains are discovered has determined whether or not the remains are subject to the coroner's authority. If the human remains are of Native American origin, the coroner must notify the California Native American Heritage Commission (NAHC) within 24 hours of this identification. The NAHC would identify a Native American Most Likely Descendent (MLD) to inspect the site and provide recommendations for the proper treatment of the remains and associated grave goods.

Section 5097.98 of the Public Resources Code states that the NAHC, upon notification of the discovery of Native American human remains pursuant to Health and Safety Code Section 7050.5, shall immediately notify those persons (i.e., the MLD) it believes to be descended from the deceased. With permission of the landowner or a designated representative, the MLD may inspect the remains and any associated cultural materials and make recommendations for treatment or disposition of the remains and associated grave goods. The MLD shall provide recommendations or

preferences for treatment of the remains and associated cultural materials within 48 hours of being granted access to the site. With these regulations in place, no impact on human remains is anticipated, and no mitigation is necessary.

4.6 ENERGY

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation?	☐	☐	☒	☐
b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☒	☐

*a. Would the project result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation? **(Less-Than-Significant Impact)***

The proposed project would result in a small increase in the demand for electricity and gasoline. The discussion and analysis provided below is based on data included in the California Emissions Estimator Model (CalEEMod) output, which is included in Appendix A.

Construction-Period Energy Use. The proposed project would require demolition, grading, site preparation, building, paving, and architectural coating activities during construction. Construction of the proposed project would require energy for the manufacture and transportation of construction materials, preparation of the site for grading activities, and construction of the proposed park improvements. Petroleum fuels (e.g., diesel and gasoline) would be the primary sources of energy for these activities. In order to increase energy efficiency on the site during project construction, the idling times for construction vehicles would be restricted to 5 minutes or less and construction workers would be required to shut off idle equipment, as required by Mitigation Measure AIR-1. In addition, construction activities are not anticipated to result in an inefficient use of energy as gasoline and diesel fuel would be supplied by construction contractors who would conserve the use of their supplies to minimize their costs on the project. Energy usage on the project site during construction would be temporary in nature and would be relatively small in comparison to the State's available energy sources. Therefore, construction energy impacts would be less than significant.

Operational Energy Use. Energy use consumed by the proposed project would be associated with natural gas use, electricity consumption, and fuel used for vehicle trips associated with the project. Energy and natural gas consumption was estimated for the project using default energy intensities by building type in CalEEMod. In addition, the proposed buildings would be constructed to California Green Building Standards Code (CALGreen Code) standards and would be designed to LEED standards, which was included in CalEEMod inputs. As identified in Section 4.17, Transportation, based on the trip generation estimates, existing conditions generate approximately 2,143 average daily trips and the proposed project would generate approximately 1,996 average daily trips, resulting in a net decrease of 147 average daily trips. No new vehicle trips would be generated by the proposed project. Therefore, the proposed project would not result in energy usage associated with gasoline fuel project related trips.

Electricity and natural gas usage estimates associated with the proposed project are shown in Table 4.F.

Table 4.F: Estimated Annual Energy Use of Proposed Project

Electricity Use (kWh per year)	Natural Gas Use (therms per year)
1,058,900	10,096

Source: LSA (November 2022).
kWh = kilowatt hours

As shown in Table 4.F, the estimated electricity demand associated with the proposed project is 1,058,900 kilowatt-hours (kWh) per year. In 2020, California consumed approximately 279,510 gigawatt-hours (GWh) or 279,510,007,246 kWh.[17] Of this total, Santa Clara County consumed 16,905 GWh or 16,904,672,641 kWh.[18] Therefore, electricity demand associated with the proposed project would be less than 0.1 percent of Santa Clara County's total electricity demand. In addition, the existing uses demand electricity and the proposed project would replace older buildings with newer buildings that would be constructed to current CALGreen Code standards and would be designed to LEED standards.

The estimated natural gas demand associated with the proposed project is 10,096 therms per year, as shown in Table 4.F. In 2020, California consumed approximately 12,331 million therms or 12,331,530,178 therms, while Santa Clara County consumed approximately 417 million therms or approximately 417,281,622 therms.[19] Therefore, natural gas demand associated with the proposed project would be less than 0.1 percent of Santa Clara County's total natural gas demand.

In addition, proposed new development would be constructed using energy efficient modern building materials and construction practices, and the proposed project also would use new modern appliances and equipment, in accordance with the Appliance Efficiency Regulations (Title 20, California Code of Regulations [CCR] Sections 1601 through 1608). The expected energy consumption during construction and operation of the proposed project would be consistent with typical usage rates for residential uses.

Pacific Gas & Electric (PG&E) is the private utility that would supply the proposed project's electricity and natural gas services. In 2021, a total of 50 percent of PG&E's delivered electricity came from renewable sources, including solar, wind, geothermal, small hydroelectric and various forms of

[17] California Energy Commission (CEC). 2021a. Energy Consumption Data Management Service. Electricity Consumption by County. Website: www.ecdms.energy.ca.gov/elecbycounty.aspx (accessed November 2022).
[18] Ibid.
[19] CEC. 2021b. Energy Consumption Data Management Service. Gas Consumption by County. Website: www.ecdms.energy.ca.gov/gasbycounty.aspx (accessed November 2022).

bioenergy.[20] PG&E reached California's 2020 renewable energy goal in 2017, and is positioned to meet the State's 60 percent by 2030 renewable energy mandate set forth in Senate Bill (SB) 100. In addition, PG&E plans to continue to provide reliable service to their customers and upgrade their distribution systems as necessary to meet future demand.

Therefore, the proposed project would not result in the wasteful, inefficient, or unnecessary consumption of fuel or energy and would incorporate renewable energy or energy efficiency measures into building design, equipment uses, and transportation. Construction and operation period impacts related to consumption of energy resources would be less than significant.

b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency? ***(Less-Than-Significant Impact)***

In 2002, the State Legislature passed SB 1389, which required the California Energy Commission (CEC) to develop an integrated energy plan every 2 years for electricity, natural gas, and transportation fuels for the California Energy Policy Report. The plan calls for the State to assist in the transformation of the transportation system to improve air quality, reduce congestion, and increase the efficient use of fuel supplies with the least environmental and energy costs. To further this policy, the plan identifies a number of strategies, including assistance to public agencies and fleet operators in implementing incentive programs for zero emission vehicles and their infrastructure needs, and encouragement of urban designs that reduce VMT and accommodate pedestrian and bicycle access.

The most recently adopted CEC energy report is the 2022 Integrated Energy Policy Report Update.[21] The 2022 Integrated Energy Policy Report Update provides the results of the CEC's assessments of a variety of energy issues facing California. Many of these issues will require action if the State is to meet its climate, energy, air quality, and other environmental goals while maintaining energy reliability and controlling costs. The 2020 Integrated Energy Policy Report covers a broad range of topics, including implementation of SB 350, integrated resource planning, distributed energy resources, transportation electrification, solutions to increase resiliency in the electricity sector, energy efficiency barriers faced by disadvantaged communities, demand response, transmission and landscape-scale planning, the California Energy Demand Preliminary Forecast, the preliminary transportation energy demand forecast, renewable gas (in response to SB 1383), updates on Southern California electricity reliability, natural gas outlook, and climate adaptation and resiliency.

As indicated above, energy usage on the project site during construction would be temporary in nature. In addition, energy usage associated with operation of the proposed project would be relatively small in comparison to the State's available energy sources, and energy impacts would be negligible at the regional level. Because California's energy conservation planning actions are

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20 Pacific Gas & Electric. (PG&E). 2021. *Exploring Clean Energy Solutions*. Website: https://www.pge.com/en_US/about-pge/environment/what-we-are-doing/clean-energy-solutions/clean-energy-solutions.page?WT.mc_id= Vanity_cleanenergy (accessed November 2022).

21 California Energy Commission (CEC). 2022. *2022 Integrated Energy Policy Report Update*. Website: https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2022-integrated-energy-policy-report-update (accessed November 2022).

conducted at a regional level, and because the project's total impact to regional energy supplies would be minor, the proposed project would not conflict with California's energy conservation plans as described in the CEC 2022 Integrated Energy Policy Report. Therefore, the proposed project would not conflict with or obstruct a State or local plan for renewable energy or energy efficiency, and this impact would be less than significant.

4.7 GEOLOGY AND SOILS

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☐	☒
ii. Strong seismic ground shaking?	☐	☐	☐	☒
iii. Seismic-related ground failure, including liquefaction?	☐	☐	☐	☒
iv. Landslides?	☐	☐	☐	☒
b. Result in substantial soil erosion or the loss of topsoil?	☐	☐	☐	☒
c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☒	☐
d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☒	☐
e. Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☒
f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☒	☐	☐

Unless otherwise noted, the following analysis is based on the Geotechnical Investigation prepared for the proposed project.[22] The Geotechnical Investigation is included in Appendix C.

a. Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving: i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42. ii. Strong seismic ground shaking? iii. Seismic-related ground failure, including liquefaction? iv. Landslides? ***(No Impact)***

The California Supreme Court concluded in its CBIA vs. BAAQMD decision that "CEQA generally does not require an analysis of how existing environmental conditions will affect a project's future users or residents." With this ruling, CEQA no longer considers the impact of the environment on a project (such as the impact of existing seismic hazards on new project occupants) to be an environmental impact, unless the project could exacerbate an existing environmental hazard. The proposed project

[22] Iwasa Consulting, 2022. *Design-Level Geotechnical Investigation Proposed Warehouse Development, 501 Sycamore Drive, Milpitas, California.* August 2.

would not change existing seismic hazards and, therefore, would not exacerbate existing hazards related to surface fault rupture and seismic ground shaking. As such, the following discussions of seismic hazards related to surface fault rupture and seismic ground shaking are provided for informational purposes only.

Fault Rupture. Fault rupture is generally expected to occur along active fault traces that have exhibited signs of recent geological movement (i.e., within the past 11,000 years). Alquist-Priolo Earthquake Fault Zones delineate areas around active faults with potential surface fault rupture hazards that would require specific geological investigations prior to approval of certain kinds of development within the delineated area. There are no mapped faults within or adjacent to the project site, and the project site is not located within an Alquist-Priolo zone.[23] Therefore, the proposed project would not directly or indirectly cause substantial adverse effects related to fault rupture and there would be no impact.**Strong Seismic Ground Shaking.** The project site is located in the San Francisco Bay Area, a region of intense seismic activity. Ground shaking is likely to occur within the life of the project as a result of future earthquakes. The major active faults in the area include the Hayward, Calaveras, Monte Vista, San Andreas, and Sargent Faults, which lie approximately 5, 10, 18, 23, and 30 kilometers from the project site. In addition, the Working Group on California Earthquake Probabilities has identified the Silver Creek fault as being located about 1.6 kilometer to the southwest of the site. The 2014 Working Group on California Earthquake Probabilities at the U.S. Geologic Survey predicted a 72 percent probability of a magnitude 6.7 or greater earthquake occurring in the San Francisco Bay Area in 30 years.

Due to the location of the project site in a seismically active area, strong seismic ground shaking at the site is highly probable during the life of the project. The intensity of ground shaking would depend on the characteristics of the fault, distance from the fault, the earthquake magnitude and duration, and site-specific geologic conditions. Conformance with the California Building Code (CBC) and recommendations included in the Geotechnical Investigation completed for the proposed project would ensure potential adverse effects associated with strong seismic ground shaking would be reduced to the greatest extent feasible.

Seismic-related Ground Failure. Soil liquefaction is a phenomenon primarily associated with saturated soil layers located close to the ground surface. During ground shaking, these soils lose strength and acquire “mobility” sufficient to permit both horizontal and vertical movements. Soils that are most susceptible to liquefaction are clean, loose, uniformly graded, saturated, fine-grained sands that lie relatively close to the ground surface. However, loose sands that contain a significant amount of fines (i.e., silt and clay) may also liquefy.

Soil testing completed on the project site determined that the potential for liquefaction to occur within the upper 50 feet of the site is low to moderate. Additionally, the Geotechnical Investigation concluded that there is sufficient thickness of non-liquefiable soil over potentially liquefiable soils to prevent liquefaction-related secondary effects, such as sand boils and lurch cracking, from occurring at the site. The Geotechnical Investigation includes various ground improvement options for mitigating the liquefaction settlement hazard such as compaction grouting; rigid inclusions, such as

[23] California Geological Survey, 2019. Earthquake Zones of Required Investigation (map). Website: https://maps.conservation.ca.gov/cgs/EQZApp/app/ (accessed August 2022).

drilled displacement elements consisting of columns of unreinforced sand-cement slurry and/or lean concrete; or Deep Soil Mix (DSM) columns. Therefore, with implementation of all recommendations included in the Geotechnical Investigation, adverse effects associated with unstable soil conditions during a seismic event are not anticipated.

Landslides. A landslide generally occurs on relatively steep slopes and/or on slopes underlain by weak materials. The project site is relatively level and is not located next to any slopes. Furthermore, the project site is not located within an area that would be subject to earthquake-induced landslides. Therefore, adverse effects associated with potential exposure of people or structures to landslides would not occur and there would be no impact*b. Would the project result in substantial soil erosion or the loss of topsoil?* ***(Less-Than-Significant Impact)***

Topsoil is defined as the upper part of the soil profile that is relatively rich in humus and is technically known as the A-horizon of the soil profile. Grading and earthmoving during project construction has the potential to result in erosion and loss of topsoil. Exposed soils could be entrained in stormwater runoff and transported off the project site. However, this impact would be reduced to a less-than-significant level through compliance with water quality control measures, which include preparation of a Stormwater Pollution Prevention Plan (SWPPP) and compliance with the Municipal Regional Stormwater National Pollutant Discharge Elimination System (NPDES) Permit (refer to Section 4.10, Hydrology and Water Quality). Although designed primarily to protect stormwater quality, the SWPPP would incorporate Best Management Practices (BMPs) to minimize erosion and the Municipal Regional Stormwater NPDES Permit requires the incorporation of low impact development design principles to protect water quality. Additional details regarding the SWPPP and the Municipal Regional Stormwater NPDES Permit are provided in Section 4.10, Hydrology and Water Quality of this Initial Study.

c. Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse? ***(Less-Than-Significant Impact)***

As previously discussed in subsection 4.7.a above, the project site would not be subject to landslides, but does have the potential for liquefaction-induced settlement and differential settlement. The Geotechnical Investigation includes various ground improvement options for mitigating the liquefaction settlement hazard such as compaction grouting; rigid inclusions, such as drilled displacement elements consisting of columns of unreinforced sand-cement slurry and/or lean concrete; or DSM columns. Therefore, with implementation of all recommendations included in the Geotechnical Investigation, adverse effects associated with liquefaction would be less than significant.

Lateral Spreading. Lateral spreading, the horizontal/lateral ground movement of relatively flat-lying soil deposits towards a free face (unsupported vertical slope face), is typically associated with liquefaction of subsurface layer(s) near the bottom of an exposed slope. The project site is located in a relatively flat area and no open faces were identified near the project site in the Geotechnical Investigation. Therefore, the potential for impacts related to lateral spreading is less than significant.

Subsidence. Subsidence can result from the removal of subsurface water resulting in either gradual depression or catastrophic collapse of the ground surface. Groundwater is expected to be relatively shallow at the project site and may fluctuate due to seasonal fluctuation, underground drainage patterns, and other factors. The Geotechnical Investigation recommends a preliminary design groundwater depth of 9 feet below ground surface (bgs). Therefore, dewatering may be required in isolated areas of the project site during construction. Construction-related dewatering would not be expected to result in subsidence or soil collapse as the dewatering activities would be temporary, localized, and affect only the uppermost water-bearing zone. Therefore, the potential for impacts related to subsidence is less than significant.

Unstable Soils. The project site is predominantly underlain by medium stiff to hard clay, sandy clay, and silts to depths of approximately 18 to 36 feet bgs. The medium stiff layers of clay and silt range between approximately 1/8- to 9-1/2-feet thick, with an average layer thickness of about 2 feet. An approximate 7- to 28-foot-thick layer of saturated, medium dense to dense sand and gravelly sand was encountered below the upper silt and clay layers. The sand and gravelly sand layer extends to depths of about 42 to 49 feet bgs. Clayey soil with occasional interbedded layers of sand, silty sand, and silt, was generally encountered below the sand and gravelly sand layer to the maximum depths explored of about 81 to 101 feet bgs.

The Geotechnical Investigation concluded that the presence of relatively thin and isolated layers of medium stiff silt and clay within the upper 21 to 36 feet of the site that are weak and potentially susceptible to recompression settlement under the weight of new fill and building loads could be a geotechnical challenge associated with the proposed project. However, the Geotechnical Investigation includes recommendations to mitigate this problem including scarification and aeration of the upper 12 to 24 inches of soil; mixing and compaction of the upper 12 to 18 inches of the weak soil with a Quicklime Plus admixture of equivalent lime/cement-based material; over-excavation of the upper 12 to 18 inches of weak soil and backfill with a lean concrete backfill; or over-excavation of the upper 12 to 24 inches of the weak soil and placement of a geotextile stabilization fabric over the sides and bottoms of the over-excavated areas and placement and compaction of granular fill over the geotextile tensile fabric. With implementation of all recommendations included in the Geotechnical Investigation and conformance with the CBC, adverse effects associated with unstable soils would be less than significant.

d. Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property? ***(No Impact)***

Expansive soils are characterized by the potential for shrinking and swelling as the moisture content of the soil decreases and increases, respectively. Shrink-swell potential is influenced by the amount and type of clay minerals present and can be measured by the percent change of the soil volume. As previously discussed, the project site is predominantly underlain by medium stiff to hard clay, sandy clay, and silts to depths of approximately 18 to 36 feet bgs. The medium stiff layers of clay and silt range between approximately 1/8- to 9-1/2-feet thick, with an average layer thickness of about 2 feet. The laboratory test results completed for the proposed project indicate that soil samples collected from the upper 5 feet of clayey soil at the site have a low expansion potential with liquid limits between 25 and 28 and plasticity indices ranging from 10 to 11. The resistance value tests performed on the near-surface soil indicate low values of 3 and 5. Additionally, the proposed project

would be required to adhere to CBC requirements. Therefore, because soils at the site have a low expansion potential and because the proposed project would be required to adhere to CBC requirements, there would be no impact associated with expansive soil creating substantial direct or indirect risks to life or property.

e. Would the project have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water? ***(No Impact)***

The proposed project would include connections to the City's wastewater conveyance system. On-site treatment and disposal of wastewater is not included in the proposed project; therefore, the proposed project would have no impacts associated with soils incapable of supporting alternative wastewater disposal systems.

f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature? ***(Less Than Significant with Mitigation Incorporated)***

Although no paleontological resources or unique geological features are known to exist within or near the already disturbed project site, according to the locality search through the University of California Museum of Paleontology at the University of California, Berkeley, there are 192 known localities that have produced 320 specimens within Santa Clara County.[24] Therefore, the possibility of accidental discovery of paleontological resources during project construction cannot be discounted. Therefore, implementation of Mitigation Measure GEO-1, described below, would reduce potential impacts to paleontological resources to a less than significant level.

Mitigation Measure GEO-1: Should paleontological resources be encountered during project subsurface construction activities, all ground-disturbing activities within 25 feet shall be redirected and a qualified paleontologist contacted to assess the situation, consult with agencies as appropriate, and make recommendations for the treatment of the discovery. For purposes of this mitigation, a "qualified paleontologist" shall be an individual with the following qualifications: (1) a graduate degree in paleontology or geology and/or a person with a demonstrated publication record in peer-reviewed paleontological journals; (2) at least two years of professional experience related to paleontology; (3) proficiency in recognizing fossils in the field and determining their significance; (4) expertise in local geology, stratigraphy, and biostratigraphy; and (5) experience collecting vertebrate fossils in the field. If the paleontological resources are found to be significant and project activities cannot avoid them, measures shall be implemented to ensure that the project does not cause a substantial adverse change in the significance of the paleontological resource. Measures may include monitoring,

[24] University of California Museum of Paleontology. *Databases.* Website: https://ucmp.berkeley.edu/collections/databases/ (accessed July 2022).

recording the fossil locality, data recovery and analysis, a final report, and accessioning the fossil material and technical report to a paleontological repository. Upon completion of the assessment, a report documenting methods, findings, and recommendations shall be prepared and submitted to the City for review. If paleontological materials are recovered, this report also shall be submitted to a paleontological repository such as the University of California Museum of Paleontology, along with significant paleontological materials. Public educational outreach may also be appropriate.

The project applicant shall inform its contractor(s) of the sensitivity of the project site for paleontological resources and shall verify that the following directive has been included in the appropriate contract documents:

> *"The subsurface of the construction site may be sensitive for fossils. If fossils are encountered during project subsurface construction, all ground-disturbing activities within 25 feet shall be redirected and a qualified paleontologist contacted to assess the situation, consult with agencies as appropriate, and make recommendations for the treatment of the discovery. Project personnel shall not collect or move any paleontological materials. Fossils can include plants and animals, and such trace fossil evidence of past life as tracks or plant imprints. Ancient marine sediments may contain invertebrate fossils such as snails, clam and oyster shells, sponges, and protozoa; and vertebrate fossils such as fish, whale, and sea lion bones. Contractor acknowledges and understands that excavation or removal of paleontological material is prohibited by law and constitutes a misdemeanor under California Public Resources Code, Section 5097.5."*

Compliance with Mitigation Measure GEO-1 would ensure that construction contractors are notified of the sensitivity of the project site for paleontological resources and ensure that these resources are properly handled in the event of an accidental discovery, and therefore would ensure this impact would be less than significant.

4.8 GREENHOUSE GAS EMISSIONS

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐
b. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

Greenhouse gases (GHGs) are present in the atmosphere naturally, are released by natural sources, or are formed from secondary reactions taking place in the atmosphere. The gases that are widely seen as the principal contributors to human-induced global climate change are:

- Carbon dioxide (CO_2);
- Methane (CH_4);
- Nitrous oxide (N_2O);
- Hydrofluorocarbons (HFCs);
- Perfluorocarbons (PFCs); and
- Sulfur Hexafluoride (SF_6).

Over the last 200 years, humans have caused substantial quantities of GHGs to be released into the atmosphere. These extra emissions are increasing GHG concentrations in the atmosphere and enhancing the natural greenhouse effect, believed to be causing global warming. While manmade GHGs include naturally occurring GHGs such as CO_2, methane, and N_2O, some gases, like HFCs, PFCs, and SF_6 are completely new to the atmosphere.

Certain gases, such as water vapor, are short-lived in the atmosphere. Others remain in the atmosphere for significant periods of time, contributing to climate change in the long term. Water vapor is excluded from the list of GHGs above because it is short-lived in the atmosphere and its atmospheric concentrations are largely determined by natural processes, such as oceanic evaporation.

These gases vary considerably in terms of Global Warming Potential (GWP), a concept developed to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The GWP is based on several factors, including the relative effectiveness of a gas to absorb infrared radiation and length of time that the gas remains in the atmosphere ("atmospheric lifetime"). The GWP of each gas is measured relative to CO_2, the most abundant GHG. The definition of GWP for a particular GHG is the ratio of heat trapped by one unit mass of the GHG to the ratio of heat trapped by one unit mass of CO_2 over a specified time period. GHG emissions are typically measured in terms of pounds or tons of "CO_2 equivalents" (CO_2e).

a. Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment? ***(Less-Than-Significant Impact)***

In April 2022, the BAAQMD adopted the Justification Report: CEQA Thresholds for Evaluating the Significance of Climate Impacts from Land Use Projects and Plans[25] document which identifies applicable GHG significance thresholds. The BAAQMD recommends these thresholds of significance for use in determining whether a proposed project will have a significant impact related to climate change. These thresholds evaluate a project based on its effect on California's efforts to meet the State's long-term climate goals. Applying this approach, the BAAQMD identifies and provides supporting documentation, outlining the requirements that new land use development projects must implement in order to achieve California's long-term climate goal of carbon neutrality by 2045. Based on this analysis, the BAAQMD found that new land use development projects need to incorporate design elements to contribute the "fair share" towards implementation of the goal of carbon neutrality by 2045. If a project is designed and built to incorporate the identified design elements, then it will contribute its portion of what is necessary to achieve California's long-term climate goals—its "fair share"—and an agency reviewing the project under CEQA can conclude that the project will not make a cumulatively considerable contribution to global climate change. The document concludes that if a project does not incorporate these design elements, then it should be found to make a significant climate impact because it will hinder California's efforts to address climate change.

According to BAAQMD's 2022 *Justification Report: CEQA Thresholds for Evaluating the Significance of Climate Impacts From Land Use Projects and Plans*, a project would have a less than significant impact related to GHG emissions if it would:

a. Include, at a minimum, the following project design elements:

1. Buildings

    a. The project will not include natural gas appliances or natural gas plumbing (in both residential and nonresidential development).

    b. The project will not result in any wasteful, inefficient, or unnecessary electrical usage as determined by the analysis required under CEQA Section 21100(b)(3) and Section 15126.2(b) of the State CEQA Guidelines.

2. Transportation

    a. Achieve a reduction in project-generated vehicle miles traveled (VMT) below the regional average consistent with the current version of the California Climate Change Scoping Plan (currently 15 percent) or meet a locally adopted Senate Bill 743 VMT

[25] Bay Area Air Quality Management District. 2022.*Justification Report: CEQA Thresholds for Evaluating the Significance of Climate Impacts From Land Use Projects and Plans*. April.

target, reflecting the recommendations provided in the Governor's Office of Planning and Research's *Technical Advisory on Evaluating Transportation Impacts in CEQA*:

1. Residential projects: 15 percent below the existing VMT per capita
2. Office projects: 15 percent below the existing VMT per employee
3. Retail projects: no net increase in existing VMT

b. Achieve compliance with off-street electric vehicle requirements in the most recently adopted version of CALGreen Tier 2.

b. Or be consistent with a local GHG reduction strategy that meets the criteria under State CEQA Guidelines Section 15183.5(b).

The City of Milpitas Climate Action Plan meets the BAAQMD requirements for a Qualified GHG Reduction Strategy and is designed to streamline environmental review of future development projects in the City consistent with *State CEQA Guidelines* Section 15183.5(b) and the BAAQMD CEQA Air Quality Guidelines. However, the City's Climate Action Plan identifies emission reduction goals to reduce GHG emissions in Milpitas by 15 percent below the 2005 emissions levels by 2020, consistent with Assembly Bill (AB) 32. The proposed project would not be operational until post-2020; therefore, because the City's Climate Action Plan was prepared based on the 2020 GHG targets, which are now superseded by the 2030 GHG targets established in SB 32, the City's Climate Action Plan would not be applicable for CEQA streamlining. Therefore, this section evaluates the proposed project's consistency with the BAAQMD's project design element thresholds.

Natural Gas Usage. According to the BAAQMD, a less than significant GHG impact would occur if the project does not include natural gas appliances or natural gas plumbing. As described in Section 2.0, the proposed project would not include any connections to the existing natural gas lines. Therefore, the proposed project would be consistent with the BAAQMD's project design elements related to natural gas, energy, VMT, and electric vehicles. Therefore, the proposed project would be consistent with the BAAQMD's GHG emission thresholds. As such, the proposed project would not generate significant GHG emissions that would have a significant effect on the environment, and this impact would be less than significant.

Energy Usage. The project must not result in any wasteful, inefficient, or unnecessary energy usage as determined by the analysis required under Section 21100(b)(3) and Section 15126.2(b) of the *State CEQA Guidelines*. Energy use consumed by the proposed project would be associated with electricity consumption and fuel used for vehicle trips associated with the project. Energy consumption was estimated for the project using default energy intensities by land use type in the CalEEMod output, which is included in Appendix A.

As discussed in Section 4.6, Energy, the estimated potential increased electricity demand associated with the proposed project is 1,058,900 kilowatt-hours (kWh) per year. In 2020, Santa Clara County consumed 16,905 GWh or 16,904,672,641 kWh. Therefore, electricity demand associated with the proposed project would be less than 0.1 percent of Santa Clara County's total electricity demand.

In addition, based on the trip generation estimates, existing conditions would generate approximately 2,143 average daily trips and the proposed project would generate approximately 1996 average daily trips resulting in a net decrease of 147 average daily trips. No new vehicle trips would be generated by the proposed project. Therefore, the proposed project would not result in energy usage associated with gasoline fuel project related trips.

As such, based on this analysis, as required under CEQA Section 21100(b)(3) and Section 15126.2(b) of the *State CEQA Guidelines*, the proposed project would not result in the wasteful, inefficient, or unnecessary consumption of fuel or energy and would incorporate renewable energy and energy efficiency measures into the building design, equipment use, and transportation. As such, the proposed project would be consistent with this design element.

Vehicle Miles Traveled. To meet the BAAQMD's VMT threshold, the project must achieve a reduction in project-generated VMT below the regional average consistent with the current version of the California Climate Change Scoping Plan or meet a locally adopted SB 743 VMT target, reflecting the recommendations provided in the Governor's Office of Planning and Research's 2018 Technical Advisory on Evaluating Transportation Impacts in CEQA.[26] As discussed in Section 4.17, Transportation, the Technical Advisory for Evaluating Transportation Impacts in CEQA identifies a screening threshold for small projects generating or attracting fewer than 110 trips per day. Projects below this threshold may be assumed to cause a less than significant transportation impact. As discussed in Section 4.17, Transportation, existing conditions generate approximately 2,143 daily trips and the proposed project would be expected to generate 1,996 trips, which results in a net reduction of 147 daily trips from existing conditions; therefore, the proposed project would generate fewer than 110 trips per day. Therefore, the proposed project would have a less than significant VMT impact. As such, the proposed project would be consistent with this design element.

Electric Vehicle Requirements. This criterion requires that the project achieve compliance with off-street electric vehicle requirements in the most recently adopted version of the California Green Building Standards Code (CALGreen) Tier 2 measures. The project would include approximately 21 electric vehicle parking spaces, 5 clean air spaces, and 2 accessible electric vehicle spaces. As such, the proposed project would not generate significant GHG emissions that would have a significant effect on the environment, and this impact would be less than significant.

*b. Would the project conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases? **(Less-Than-Significant Impact)***

The City of Milpitas Climate Action Plan identifies emission reduction goals to reduce GHG emissions in the City by 15 percent below the 2005 emission levels by 2020, consistent with AB 32. The proposed project would not be operational until post-2020; therefore, because the City's Climate Action Plan was prepared based on the 2020 GHG targets, which are now superseded by the 2030 GHG targets established in SB 32, the City's Climate Action Plan would not apply for streamlining. However, the Climate Action Plan sets forth goals and measures to achieve emission reductions; therefore, a qualitative analysis of the proposed project's consistency with these policies and

[26] Governor's Office of Planning and Research. 2018. *Technical Advisory on Evaluating Transportation Impacts in CEQA*.

strategies is provided. These policies and other strategies include measures in energy, water, transportation and land use, solid waste, and off-road equipment. The following measures are applicable to the proposed project:

- Measure 1.5: Urban Cooling. Achieve urban cooling through voluntary and mandatory standards for new development and additions.

- Measure 1.6: Smart Grid Integration. Phase in requirements for the use of smart -grid integrated appliances and energy monitors in all new development by 2018 as such appliances become commercially available and economically feasible.

- Measure 2.1: Energy Efficiency in New Development. Encourage new development and remodels to exceed minimum building standards for energy efficiency and continue implementation of the adopted green building ordinance.

- Measure 3.1: Renewable Energy in New Development. Adopt new standards to require renewable energy in new development and encourage renewable energy facilities through the discretionary process.

- Measure 4.2: Recycled Water. Work with regional partners to encourage expansion of recycled water infrastructure.

- Measure 7.5: Bicycle Parking. Adopt development code standards to require bicycle parking for 10 percent of the total required parking spots and bicycle support facilities for non-residential development greater than 10,000 square feet.

- Measure 8.2: Car-share Programs. Support development of a car-share program for residents.

- Measure 9.1: Unbundled Parking Cost. Unbundle parking cost from housing and non-residential building costs.

- Measure 9.2: Non-Residential Parking Requirements. Reduce minimum parking requirement for nonresidential development.

- Measure 10.1: Parking for Low Emissions Vehicles. Revise parking standards for public and nonresidential development to include designated stalls for low-emission, fuel-efficient vehicles and carpool/vanpool vehicles.

- Measure 11.1: Waste Diversion. Work with regional partners to increase the diversion of solid waste to 75 percent as required under AB 341.

- Measure 12.1: Lawn and Garden Equipment. Support a community-wide transition to cleaner outdoor lawn and garden equipment.

- Measure 12.2: Construction Best Management Practices. Encourage construction projects to comply with BAAQMD performance based best management practices.

The proposed project would develop an industrial building of approximately 293,422 square feet in size, which would include space for warehouse, light industrial, and research and development (R&D) uses, as well as 12,000 square feet of office space. The proposed project is not expected to result in a significant increase in the generation of vehicle trips or VMT. In addition, the project would include approximately 21 electric vehicle parking spaces, 5 clean air spaces, 2 accessible electric vehicle spaces, and 24 bicycle spaces; therefore, the project would support the ability to use alternative modes of transportation. Future tenants would be able to implement alternative transportation programs as necessary. The proposed project would also be required to comply with the latest Title 24 standards, regarding energy conservation and green building standards and reduction of wastewater and water use. The proposed project would also be designed to include Leadership in Energy and Environmental Design (LEED) standards In addition, the proposed project would include landscaped areas that would meet the urban cooling measure of the CAP. As such, the proposed project would be consistent with applicable Climate Action Plan measures. Therefore, the proposed project would not conflict with any applicable plan, policy, or regulation of an agency adopted for the purpose of reducing the GHG emissions. This impact would be less than significant.

4.9 HAZARDS AND HAZARDOUS MATERIALS

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☒	☐	☐
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☒	☐	☐
d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☒	☐	☐
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
g. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☐	☒

The following summarizes the findings from the Phase I Environmental Site Assessment (Phase I ESA) prepared for the proposed project.[27] The Phase I ESA is included in Appendix D.

The project site was used for agriculture purposes from at least 1939 to the early 1980s and was developed into its current configuration with three commercial buildings, asphalt paved parking, and landscaped areas between 1982 and 1983. A review of environmental records completed as part of the Phase I ESA indicated that the project site was subject to a historic investigation in the late 1980s and an environmental remediation event in 2013.

Soil sampling conducted in 1989 showed that thiocyanate, sulfate, and ammonia nitrogen were above laboratory recommended levels in all the soil samples. It was determined that contamination may have been contributed by former operations by General Electric Company through use and storage of spent ink toners or from agricultural operations prior to development. However, it was

[27] Apex Companies, LLC, 2021. *Phase I Environmental Site Assessment, 475, 501, and 525 Sycamore Drive, Milpitas, California.* September 14.

determined that the concentrations did not indicate that a significant chemical contamination problem exists at the site which would warrant further investigation.

In 2013, the elevator system at 501 Sycamore Drive released approximately 140 gallons of hydraulic oil beneath the property. Remediation included the removal and off-site disposal of approximately 100 gallons of groundwater and 3 cubic yards of impacted soil. Total petroleum hydrocarbons (TPH) diesel range organics and TPH-motor oil range organics were detected in soil and groundwater samples exceeding applicable San Francisco Regional Water Quality Control Board (Water Board) environmental screening levels (ESLs). Several metals were detected in soil and groundwater samples exceeding the applicable standards; however, soil concentrations were within the range of background concentrations and turbidity likely inflated the concentrations in groundwater. Therefore, it is unlikely that the concentrations of metals were indicative of the hydraulic oil release. The majority of the hydraulic oil released was recovered through remedial efforts and the risk posed by the residual diesel and motor oil is considered to be low. Given the low levels of thiocyanate and the adequate remediation of hydraulic oil, the case was considered low threat and was closed by the Water Board in February of 2018.

Based on the age of site improvements, the Phase I ESA identifies the potential for the use of asbestos-containing material on-site. Common building components that may contain asbestos include ceiling tiles, floor finish assemblies, wallboard assemblies, built-up roofing systems, caulking, and mastics. The Phase I ESA recommends maintaining the materials in good condition under an Asbestos Operations and Maintenance Program and that all activities involving potential asbestos-containing material should be conducted in accordance with federal and State regulations.

Based on these conclusions, the Phase I ESA determined that the project site has been adequately characterized through multiple rounds of soil and groundwater sampling and that current pathways to groundwater, surface water and human receptors are not of concern due to minimal levels of contamination. It concluded that there are no suspected risks to human health, ecological health or sensitive receptors, considering current and future land and water uses and there are no suspected threats to groundwater or surface water resources, considering existing and potential beneficial uses. Therefore, it was determined that risk management measures would not be required.

a. Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials? ***(Less-Than-Significant Impact)***

The proposed project involves the demolition of the existing commercial buildings on the project site and the construction of an approximately 293,422-square-foot industrial building and associated site improvements including new internal roadways, landscaping, and utility improvements. Although tenant and exact operations of the proposed project are not currently known, the project area is zoned for industrial uses. Therefore, operation of the proposed project may involve routine transport, use, and/or disposal of hazardous materials. Hazardous materials (e.g., oil, grease, fuels, paint) would be transported and used on-site during proposed construction activities. The routine transport, use, or disposal of these hazardous materials could pose a potential hazard to construction workers and future employees working at the project site as they would be handling the hazardous materials and could therefore be exposed through inhalation of vapors, direct contact with skin, or accidental ingestion. The routine transport, use, or disposal of these hazardous

materials would not pose a significant hazard to the public or environment unless the hazardous materials were accidentally spilled or released into the environment, as discussed in section b) below.

All future uses of the project site would be subject to existing regulatory programs for hazardous materials. The Santa Clara County Department of Environmental Health, Hazardous Materials Program is designated as the Certified Unified Program Agency (CUPA) for the City of Milpitas, and coordinates the regulation of hazardous materials and hazardous wastes in the City of Milpitas through the following programs:

- Hazardous Materials Business Plan (HMBP)
- Underground Storage Tank (UST)
- Aboveground Petroleum Storage Act (APSA)
- Hazardous Waste Generator
- On-site Hazardous Waste Treatment (Tiered Permitting)
- California Accidental Release Prevention (CalARP)

The role of a CUPA is to consolidate, coordinate, and make consistent the administrative requirements, permits, inspections, and enforcement activities associated with the regulation of hazardous materials and hazardous wastes. Businesses that store or use hazardous materials in the City limits of Milpitas are required to submit chemical and facility information on the CERS, which is a statewide web-based system to support CUPAs in electronically collecting and reporting various hazardous materials-related data as mandated by the California Health and Safety Code and 2008 legislation (AB 2286). Chapter 6.95 of Division 20 of the California Health and Safety Code requires that a HMBP must be submitted to the local CUPA if on-site hazardous materials exceed in aggregate any of the following: 55 gallons for liquids; 500 pounds for solids; or 200 cubic feet of gases at standard temperature and pressure. HMBPs are required to be submitted electronically to the CERS and must include facility information, a Hazardous Materials Inventory Statement, an Emergency Response Plan, and an Emergency Response Training Plan. The HMBP has to be re-certified for completeness and accuracy every year, or updated and revised as necessary.

The CalARP program aims to reduce the likelihood and impact of accidental releases of regulated toxic and flammable substances. Many of these releases could result in adverse off-site consequences.

The program accomplishes these objectives through:

1. Facility evaluations
2. Administrative and operational procedures

3. Emergency preparedness programs, and

4. Facility design requirements

A facility regulated under the CalARP Program must file a written Risk Management Plan (RMP) with the County Department of Environmental Health, Hazardous Materials Program.

Worker health and safety is regulated at the federal level by the US Department of Labor, Occupational Safety and Health Administration (OSHA). OSHA regulations include training requirements for construction workers and a requirement that hazardous materials are accompanied by manufacturer's Safety Data Sheets (SDSs). The Federal Occupational Safety and Health Act of 1970 authorizes states to establish their own safety and health programs with OSHA approval. Worker health and safety protections in California are regulated by the California Department of Industrial Relations (DIR). The DIR includes the Division of Occupational Safety and Health (DOSH), which acts to protect workers from safety hazards through its California OSHA (Cal/OSHA) program. Cal/OSHA regulations include requirements for protective clothing, training, and limits on exposure to hazardous materials. California standards for workers dealing with hazardous materials are contained in California Code of Regulations (CCR) Title 8 and include practices for all industries (General Industrial Safety Orders), and specific practices for construction, and other industries. The routine transport, use, and disposal of hazardous materials at the project site during operation and construction activities would be required to comply with a project Health and Safety Plan (HASP) prepared in accordance with CCR Title 8, which would mitigate potential health hazards for workers related to the routine transport, use, or disposal of hazardous materials to a less-than-significant level.

As detailed in Section 4.10, Hydrology and Water Quality, because the proposed project would result in soil disturbance greater than 1 acre, management of hazardous materials during construction activities would be subject to the requirements of the Stormwater Construction General Permit (CGP), which requires preparation and implementation of a Storm Water Pollution Prevention Plan (SWPPP) that includes hazardous materials storage requirements. For example, construction site operators must store chemicals in watertight containers (with appropriate secondary containment to prevent any spillage or leakage) or in a storage shed (completely enclosed).

The transportation of hazardous materials is subject to United States Department of Transportation (DOT), Resource Conservation and Recovery Act (RCRA), and State regulations. In 1990 and 1994, the federal Hazardous Material Transportation Act was amended to improve the protection of life, property, and the environment from the inherent risks of transporting hazardous material in all major modes of commerce. The USDOT developed hazardous materials regulations, which govern the classification, packaging, communication,4-44transportation, and handling of hazardous materials, as well as employee training and incident reporting. The California Highway Patrol, the California Department of Transportation (Caltrans), and the California Environmental Protection Agency (Cal/EPA) Department of Toxic Substances Control (DTSC) are responsible for enforcing federal and State regulations pertaining to the transportation of hazardous materials.

Construction of the proposed project would result in the generation of various waste materials that would require recycling and/or disposal, including some waste materials that may be classified as hazardous waste. Hazardous wastes would be required to be transported by a licensed hazardous waste hauler and disposed of at facilities that are permitted to accept such materials as required by DOT, RCRA, and state regulations.

Compliance with the existing hazardous materials regulations and programs described above, including requirements for HMBPs and RMPs for facilities handling significant quantities of hazardous materials, OSHA and Cal/OSHA regulations, CCR Title 8; the CGP; and DOT, RCRA, and state regulations, would ensure that the proposed project would not create a significant hazard to the public or the environment associated with the routine transport, use, or disposal of hazardous materials by ensuring that these materials are properly handled during construction and operation of the proposed project and therefore, would be considered less than significant.

b. Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? ***(Less Than Significant with Mitigation Incorporated)***

There are two main ways that the public and/or the environment could be affected by the release of hazardous materials from the project site into the environment, including: 1) exposing workers and/or the public to potentially contaminated soil and groundwater during construction and/or operation of the project; or 2) exposing workers and/or the public to hazardous building materials (e.g., lead paint, asbestos) during demolition of existing structures.

The Phase I ESA prepared for the proposed project did not identify any Recognized Environmental Conditions (REC) on the project site. Additionally, the Phase I ESA determined that the project site has been adequately characterized through multiple rounds of soil and groundwater sampling and that current pathways to groundwater, surface water and human receptors are not of concern due to minimal levels of contamination. It concluded that there are no suspected risks to human health, ecological health or sensitive receptors, considering current and future land and water uses and there are no suspected threats to groundwater or surface water resources, considering existing and potential beneficial uses. Therefore, it was determined that risk management measures are not required.

Based on the age of the structures on the project site, hazardous building materials including asbestos-containing materials, lead-based paint, and polychlorinated biphenyls-containing materials and electrical equipment may be present. Therefore, demolition of these structures could result in the release of hazardous materials into the environment. Implementation of Mitigation Measure HAZ-1, described below, would ensure that this impact would be reduced to a less than significant level.

Mitigation Measure HAZ-1: Prior to the issuance of any demolition permits for existing structures on the project site, a comprehensive Hazardous Building Materials Survey (HBMS) for the project site shall be prepared and signed by a qualified environmental professional, documenting the presence or lack thereof of asbestos-containing materials, lead-

based paint, polychlorinated biphenyls-containing materials and electrical equipment and any other hazardous building materials. The HBMS and abatement specifications shall be submitted to and approved by the City prior to the start of abatement activities. The HBMS shall include abatement specifications for the stabilization and/or removal of the identified hazardous building materials in accordance with all applicable laws and regulations. The demolition contractor(s) shall implement the abatement specifications and submit to the City evidence of completion of abatement activities prior to demolition of the existing structures.

Compliance with Mitigation Measure HAZ-1 would require the preparation of a HBMS, which would require specific procedures in the event hazardous materials are encountered on the project site during construction. This mitigation measure would ensure that the proposed project would not release hazardous materials into the environment and ensure this impact would be less than significant.

c. Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school? ***(No Impact)***

The nearest school to the project site is the Pearl Zanker Elementary School, located approximately 0.3 mile southeast of the project site. The proposed project would be required to comply with all regulations listed in Section 4.9.1, including requirements for HMBPs and RMPs for facilities handling significant quantities of hazardous materials, OSHA and Cal/OSHA regulations, CCR Title 8; the CGP; and DOT, RCRA, and state regulations, which would ensure that the proposed project would not create a significant hazard to the public. Additionally, implementation of Mitigation Measure HAZ-1 would be required, which entails the preparation of a comprehensive Hazardous Building Materials Survey and the implementation of abatement specifications in accordance with all applicable laws and regulations. Compliance with these regulations would ensure that the project would not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school and impacts would be less than significant.

d. Would the project be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment? ***(Less Than Significant with Mitigation Incorporated)***

The project site is not included on any list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. As discussed in Section 4.9.b, existing buildings on the project site may contain hazardous building materials. However, this impact would be reduced to a less-than-significant level with implementation of Mitigation Measure HAZ-1.

e. Would the project be located within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area? ***(No Impact)***

The project site is located approximately 2.7 miles northeast of the San José International Airport, the closest public airport. The project site is not located within the Airport Safety Zones or Airport Influence Area of the San José International Airport.[28] Therefore, the proposed project would not result in a safety hazard or excessive noise for people residing or working in the project area due to the proximity of an airport and no impact would occur.

f. Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan? ***(No Impact)***

The City of Milpitas Fire Department (Fire Department) Office of Emergency Services coordinates the City's preparedness efforts to mitigate, plan for, respond to, and recover from natural and technological disasters. In addition, the County of Santa Clara Office of Emergency Services coordinates county-wide emergency response efforts including the preparation and implementation of the County of Santa Clara Emergency Operations Plan (EOP).[29] However, the EOP does not address specific responses, scenarios, hazards, or threats, within Milpitas. In addition, the EOP does not indicate the emergency evacuation routes within Santa Clara County. Because the proposed project would result in the redevelopment of an existing site with commercial use structures and would not alter existing travel lanes or block adjacent public roadways, implementation of the proposed project would not be expected to impair the function of nearby emergency evacuation routes. Therefore, the proposed project would have no impact on implementation of an adopted emergency response plan or emergency evacuation plan.

g. Would the project expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires? ***(No Impact)***

The project site is in an urban area and is not within or adjacent to a wildland fire hazard area.[30] Therefore, the proposed project would not expose people or structures to a significant loss, injury or death involving wildland fires.

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28 Santa Clara County Airport Land Use Commission, 2011. *Comprehensive Land Use Plan, Santa Clara County, Norma Y. Mineta San* José *International Airport*. May 25.

29 Santa Clara, County of, 2017. *Emergency Operations Plan*. January.

30 California Department of Forestry and Fire Protection, 2008. Santa Clara County, Very High Fire Hazard Severity Zones in Local Responsibility Area. October 8.

4.10 HYDROLOGY AND WATER QUALITY

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	☐	☐	☒	☐
b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☒	☐
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:	☐	☐	☒	☐
i. Result in substantial erosion or siltation on- or off-site;	☐	☐	☒	☐
ii. Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	☐	☐	☒	☐
iii. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
iv. Impede or redirect flood flows?	☐	☐	☒	☐
d. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☒	☐
e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

*a. Would the project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality? **(Less-Than-Significant Impact)***

The State Water Resources Control Board and nine Regional Water Quality Control Boards regulate water quality of surface water and groundwater bodies throughout California. In the Bay Area, including the project site, the San Francisco Bay Regional Water Quality Control Board (Water Board) is responsible for implementation the Water Quality Control Plan (Basin Plan). The Basin Plan establishes beneficial water uses for waterways and water bodies within the region. Section 303(d) of the Federal Clean Water Act (CWA) requires that states identify water bodies including bays, rivers, streams, creeks, and coastal areas that do not meet water quality standards and the pollutants that are causing the impairment. Total Maximum Daily Loads (TMDLs) describe the maximum amount of a pollutant that a water body can receive while still meeting established water quality standards. A TMDL requires that all sources of pollution and all aspects of a watershed's drainage system be reviewed and set forth action plans that examine factors and sources adversely affecting water quality and identify specific plans to improve overall water quality and reduce pollutant discharges into impaired water bodies. The Lower San Francisco Bay is listed as an

impaired water body for pollutants including DDT, dioxin compounds, furan compounds, PCBs (dioxin-like), dieldrin, trash, PCBs, mercury, and chlordane.[31]

Runoff water quality is regulated by the NPDES Program (established through the federal Clean Water Act). The NPDES program objective is to control and reduce pollutant discharges to surface water bodies. Compliance with NPDES permits is mandated by State and federal statutes and regulations. Locally, the NPDES Program is administered by the Water Board. According to the water quality control plans of the Water Board, any construction activities, including grading, that would result in the disturbance of 1 acre or more would require compliance with SWRCB's NPDES permit Waste Discharge Requirements for Discharges of Storm Water Runoff Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ, NPDES No. CAS000002, as amended by Orders No. 2010-0014-DWQ and 2012-0006-DWQ) (Construction General Permit). The Construction General Permit (CGP) requires preparation of a Stormwater Pollution Prevention Plan (SWPPP) and implementation of construction BMPs during construction activities. Construction BMPs would include, but not be limited to, Erosion Control and Sediment Control BMPs designed to minimize erosion and retain sediment on site and Good Housekeeping BMPs to prevent spills, leaks, and discharge of construction debris and waste into receiving waters. The proposed project would result in the disturbance of approximately 14.03 acres and, as such, would be required to comply with the CGP.

The proposed project would be subject to the Water Board's Municipal Regional Permit (MRP), implemented in November 2015 by Order R2-2015-0049, NPDES Permit No. CAS612008. The MRP covers stormwater discharges from municipalities and local agencies in Alameda, Contra Costa, San Mateo, and Santa Clara counties, and the cities of Fairfield, Suisun City, and Vallejo. Provision C.3 of the MRP requires new development and redevelopment projects that would replace more than 10,000 square feet of existing impervious surfaces to include post-construction stormwater control in project designs. Under the C.3 requirements, the preparation and submittal of a Stormwater Control Plan (SCP) would be required for the project site. The purpose of an SCP is to detail the design elements and implementation measures necessary to meet the post-construction stormwater control requirements of the MRP. In particular, SCPs must include Low Impact Development (LID) design measures, which reduce water quality impacts by preserving and recreating natural landscape features, minimizing imperviousness, and using stormwater as a resource, rather than a waste product. The proposed project would also be required to prepare a Stormwater Facility Operation and Maintenance Plan to ensure that stormwater control measures are inspected, maintained, and funded for the life of the project.

The City of Milpitas is a member of the Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP), which provides stormwater management for the area including the project site. As previously discussed, the project site is currently developed and implementation of the proposed project would result in a decrease of approximately 0.32 acre of impervious surfaces. Construction activities associated with the proposed project would cause disturbance of soil during excavation work, which could adversely impact water quality. Contaminants from construction

[31] State Water Resources Control Board, 2021. *2018 California Integrated Report (Clean Water Act Section 303(d) List and 305(b) Report)*. Website: https://www.waterboards.ca.gov/water_issues/programs/water_quality_assessment/2018_integrated_report.html (accessed September 2022).

vehicles and equipment and sediment from soil erosion could increase the pollutant load in runoff being transported to receiving waters during development. Although surface runoff from the site would likely decrease with the proposed project (due to the proposed stormwater treatment measures), runoff from the proposed landscaped areas may contain residual pesticides and nutrients (associated with landscaping) and sediment and trace metals (associated with atmospheric deposition) during operation of the project. Operation of the proposed project could incrementally contribute to the long-term degradation of runoff water quality and as a result, adversely affect water quality in the receiving waters and San Francisco Bay. The proposed project would be considered a "regulated project" under the MRP, indicating that the State Water Resources Control Board has determined the size and nature of the project has the potential to discharge a significant pollutant load to stormwater runoff and receiving waters.

Implementation of the following two mitigation measures would ensure that the proposed project complies with the Water Board's water quality standards by reducing the potential construction- and operation-period impacts to water quality to a less-than-significant level.

Mitigation Measure HYD-1: Prior to construction, the project applicant shall prepare and implement a SWPPP, meeting Construction General Permit requirements (State Water Resources Control Board Order No. 2009-000–DWQ, as amended) designed to reduce potential adverse impacts to surface water quality through the project construction period. The SWPPP shall be submitted to the Planning Manager of the City of Milpitas Planning Department for review and approval prior to the issuance of any permits for ground disturbing activities.

The SWPPP shall be prepared by a Qualified SWPPP Developer in accordance with the requirements of the Construction General Permit. These include: BMPs for erosion and sediment control, site management/housekeeping/waste management, management of non-stormwater discharges, run-on and runoff controls, and BMP inspection/maintenance/repair activities. BMP implementation shall be consistent with the BMP requirements in the most recent version of the California Stormwater Quality Association Stormwater Best Management Handbook-Construction.

The SWPPP shall include a construction site monitoring program that identifies requirements for dry weather visual observations of pollutants at all discharge locations, and as appropriate (depending on the Risk Level), sampling of the site effluent and receiving waters. A Qualified SWPPP Practitioner shall be responsible for implementing the BMPs at the site and performing all required monitoring and inspection/maintenance/repair activities.

Mitigation Measure HYD-2: The project applicant shall fully comply with the Water Board stormwater permit requirements, including Provision C.3 of the MRP. The project applicant shall prepare and implement a SCP for

the project. The SCP shall be submitted to the Planning Manager of the City of Milpitas Planning and Neighborhood Services Department for review and approval prior to the issuance of any permits for ground disturbing activities. The SCP would act as the overall program document designed to provide measures to mitigate potential water quality impacts associated with the operation of the proposed project. At a minimum, the SCP for the project shall include:

- An inventory and accounting of existing and proposed impervious areas.
- Low Impact Development (LID) design details incorporated into the project. Specific LID design may include, but is not limited to: using pervious pavements and green roofs, dispersing runoff to landscaped areas, and/or routing runoff to rain gardens, cisterns, swales, and other small-scale facilities distributed throughout the site.
- Measures to address potential stormwater contaminants. These may include measures to cover or control potential sources of stormwater pollutants at the project site.
- A Draft Stormwater Facility Operation and Maintenance Plan for the project site, which will include periodic inspection and maintenance of the storm drainage system. Persons responsible for performing and funding the requirements of this plan shall be identified. This plan must be finalized prior to issuance of building permits for the project.

Compliance with Mitigation Measures HYD-1 and HYD-2 would ensure that the proposed project would not violate any water quality standards by requiring and tracking compliance with existing regulations. Preparation of a SWPPP and SCP would ensure construction- and operation-period stormwater impacts would be less than significant.

b. Would the project substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin? ***(Less-Than-Significant Impact)***

The project site is located within the Santa Clara Valley Groundwater Basin, Santa Clara Subbasin Number 2-9.02, which encompasses approximately 297 square miles in Santa Clara County. The Subbasin generally extends from the northern border of Santa Clara County to the groundwater divide near the town of Morgan Hill. It is bound to the west by the Santa Cruz Mountains and to the east by the Diablo Range. Groundwater levels in the subbasin have generally increased since 1965

due to an increase in recharge and decreases in groundwater extraction. The subbasin generally produces groundwater of good quality that does not need treatment beyond disinfection.[32]

Because of the relatively shallow depth to groundwater on the project site, dewatering may be performed during construction activities involving excavation. Construction-related dewatering would be temporary and limited to the area of excavations on the project site and would not substantially contribute to depletion of groundwater supplies.

The City's potable water supply is provided by the San Francisco Public Utilities Commission (SFPUC) and Santa Clara Valley Water (Valley Water). Under normal operating conditions, the City does not blend water from SFPUC and Valley Water and the project site is within the service area for Valley Water. City purchases are currently limited to surface water largely purchased by Valley Water from the State Water Project and Central Valley Project. Therefore, operation of the proposed project would not involve the use of groundwater as potable water.[33]

The proposed project would decrease the amount of impervious surfaces at the project site by 0.32 acre and the construction of stormwater management bioretention areas would allow much of the stormwater runoff from the project site to infiltrate into the ground surface. Therefore, due to the incorporation of bioretention space and the implementation of LID techniques as required by the MRP, the proposed project would not result in a significant decrease in groundwater recharge that would result in a net deficit in aquifer volume or a lowering of the local groundwater table level.

For the reasons listed above, impacts related to the decrease of groundwater supplies or interference with groundwater recharge would be less than significant.

c. Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would: i. Result in substantial erosion or siltation on- or off-site; ii. Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite; iii. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or iv. Impede or redirect flood flows? ***(Less-Than-Significant Impact)***

Erosion or Siltation. During construction activities, approximately 14.03 acres of soil would be disturbed. Soil would be exposed and drainage patterns would be temporarily altered during grading and other construction activities, and there would be an increased potential for soil erosion and siltation compared to existing conditions. Additionally, during a storm event, soil erosion and siltation could occur at an accelerated rate. As required by Mitigation Measure HYD-1, the CGP requires the preparation of a SWPPP to identify construction BMPs to be implemented as part of the proposed project to reduce impacts on water quality during construction, including those impacts associated with soil erosion and siltation. With compliance with the requirements in the CGP and

[32] Santa Clara Valley Water District, 2021. *2021 Groundwater Management Plan for the Santa Clara and Llagas Subbasins*. November.

[33] Milpitas, City of, 2021. *2020 Urban Water Management Plan*. July 1.

implementation of construction BMPs, construction impacts related to on- or off-site erosion or siltation would be less than significant.

As detailed in Mitigation Measure HYD-2, the proposed project would be required to comply with the MRP and would include the incorporation of LID design features including bioretention areas that would be used for stormwater control, treatment, and infiltration. Therefore, due to the implementation of LID techniques as required by the MRP, operational impacts related to on- or off-site erosion or siltation would be less than significant.

Flooding. Development of the proposed project would result in a decrease in impervious surfaces on the project site from approximately 11.40 acres to approximately 11.08 acres which would decrease the volume and rate of stormwater runoff discharged from the project site. Additionally, as detailed in Mitigation Measure HYD-2, the proposed project would be required to comply with the MRP and would include the incorporation of LID design features including bioretention areas that would be used for stormwater control, treatment, and infiltration. The proposed drainage facilities and BMPs needed to accommodate stormwater runoff would be appropriately sized so that on-site flooding would not occur. Therefore, due to the implementation of LID techniques as required by the MRP and the decrease in impervious surfaces, the proposed project would not substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite. Impacts would be less than significant.

Stormwater Drainage System Capacity. Stormwater infrastructure on the project site currently consists of storm drains and associated catch basins. Storm drains on the project site vary in size, consisting of 6- to 15-inch drains. As part of the proposed project, additional stormwater drains and catch basins would be installed throughout the site, connecting to the existing storm drains mentioned above. As detailed in Mitigation Measure HYD-2, the proposed project would be required to comply with the MRP and would include the incorporation of LID design features including bioretention areas that would be used for stormwater control, treatment, and infiltration. The proposed drainage facilities and BMPs needed to accommodate stormwater runoff would be appropriately sized such that drainage facility capacity would not be exceeded during a design storm. Therefore, the proposed project would not result in an exceedance of planned or existing stormwater drainage systems. Impacts would be less than significant.

Polluted Runoff. As discussed in Section 4.10.a, pollutants of concern during construction include sediments, trash, petroleum products, concrete waste (dry and wet), sanitary waste, and chemicals. Each of these pollutants on its own or in combination with other pollutants can have a detrimental effect on water quality. Drainage patterns would be temporarily altered during grading and other construction activities, and construction-related pollutants could be spilled, leaked, or transported via storm runoff into adjacent drainages and downstream receiving waters. However, as previously discussed and as detailed in Mitigation Measure HYD-1, the proposed project would be required to comply with the requirements set forth by the Construction General Permit and SWPPP, which would specify BMPs to be implemented to control the discharge of pollutants in stormwater runoff as a result of construction activities. Construction-related impacts would be less than significant.

Expected pollutants of concern from long—term operations include pathogens (bacteria/viruses), metals, nutrients, toxic organic compounds, pesticides/herbicides, sediments/total suspended

solids, trash and debris, and oil and grease. As previously discussed and as detailed in Mitigation Measure HYD-2, compliance with the MRP and the implementation of LID techniques would ensure that no substantial sources of polluted runoff would be discharged from the project site. Operation-related impacts would be less than significant.

Flood Flows. The project site would remain relatively flat and the proposed project would not substantially alter drainage patterns. As previously discussed, development of the proposed project would result in a decrease in impervious surfaces on the project site from approximately 11.40 acres to approximately 11.08 acres, thereby increasing the potential for infiltration at the project site. Additionally, as detailed in Mitigation Measure HYD-2, the proposed project would be required to comply with the MRP, and would include the incorporation of LID design features including bioretention areas that would be used for stormwater control, treatment, and infiltration. The proposed drainage facilities and BMPs needed to accommodate stormwater runoff would be appropriately sited and sized so flood flows would not be impeded or redirected. Impacts would be less than significant.

d. In flood hazard, tsunami, or seiche zones, would the project risk release of pollutants due to project inundation? ***(Less-Than-Significant Impact)***

Tsunami. The project site is not located in an area mapped by the California Emergency Management Agency as being potentially inundated by a tsunami.[34]

Seiches. Seiches are waves that are created in an enclosed body of water such as a bay, lake, or harbor and go up and down or oscillate and do not progress forward like standard ocean waves. There are no enclosed bodies of water in the nearby vicinity of the project site and no seismically induced seiche waves have been documented in the San Francisco Bay throughout history.[35]

Dam Inundation. The project site is not located within a mapped dam failure inundation area.[36]

Flooding. According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) No. 06085C0066J[37], the project site is primarily located within a 0.2 percent annual chance flood hazard zone. However, portions of the project site are located within Zone AH, which is defined as areas with a 1% annual chance of shallow flooding, with an average depth ranging from 1 to 3 feet. During construction, BMPs would be implemented to ensure that during a rain event, pollutants would be retained on site and be prevented from reaching downstream receiving waters, as detailed in Mitigation Measure HYD-1. During operations, the project would incorporate

34 California Department of Conservation. *Santa Clara County Tsunami Hazard Areas.* Website: https://www.conservation.ca.gov/cgs/tsunami/maps/santa-clara (accessed August 2022).

35 Association of Bay Area Governments and Metropolitan Transportation Commission, 2013. *Plan Bay Area.* July 18.

36 Milpitas, City of, 2020. *Draft Environmental Impact Report for the Milpitas General Plan Update, Figure 3.9-3. Dam Inundation Areas*. November 2.

37 Federal Emergency Management Agency, 2014. Flood Insurance Rate Map (FIRM) No. 06085C0066J, effective February 19. Available online at: https://msc.fema.gov/portal/search?AddressQuery=475%20sycamore%20drive%2C%20milpitas%2C%20ca#searchresultsanchor (accessed August 2022).

bioretention basins and other LID design elements that would ensure that post-project flow rates do not significantly exceed pre-project flows, as detailed in Mitigation Measure HYD-2. Therefore, it is not anticipated that the proposed project would result in the release of pollutants due to inundation caused by flooding.

Based on project design, the incorporation of bioretention basins that would address the volume and rate of post-project stormwater flows, and because the project site is not within a tsunami, seiche, or dam inundation zone, implementation of the proposed project would not result in a risk of the release of pollutants from a flood, tsunami, seiche, or dam inundation. Impacts would be less than significant.

e. Would the project conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan? ***(Less-Than-Significant Impact)***

In the Bay Area, including the project site, the Water Board is responsible for implementation the Basin Plan. The Basin Plan establishes beneficial water uses for waterways and water bodies within the region. As previously discussed, the proposed project would comply with existing NPDES permit requirements, including the Construction General Permit and MRP, and would implement construction and operational BMPs to reduce pollutants of concern in storm water runoff as detailed in Mitigation Measures HYD-1 and HYD-2. Compliance with these regulatory requirements would ensure that the proposed Project would not degrade or alter water quality, causing the receiving waters to exceed the water quality objectives, or impair the beneficial use of receiving waters. As such, the proposed project would not result in water quality impacts that would conflict with the Water Board Water Quality Control Plan Basin Plan. Construction and operational impacts related to a conflict with the Basin Plan would be less than significant.

The Sustainable Groundwater Management Act (SGMA), which was enacted in September 2014, requires governments and water agencies of high- and medium-priority basins to halt overdraft of groundwater basins. The SGMA requires the formation of local GSAs, which are required to adopt Groundwater Sustainability Plans to manage the sustainability of the groundwater basins. The Project site is in the Santa Clara subbasin, which the California Department of Water Resources designates as a high priority basin. The Groundwater Sustainability Agency identified for the Santa Clara subbasin is Santa Clara Valley Water District. [38]

The Groundwater management Plan for the Santa Clara and Llagas Subbasins was finalized in November 2021. The plan indicates that there has been a significant rebound in groundwater levels since the mid-1960's due to Valley Water efforts to import water and augment groundwater recharge both directly and through in-lieu recharge such as treated surface deliveries to retailers in lieu of pumping. The sustainability goals are to manage groundwater to ensure sustainable supplies and avoid land subsidence and to aggressively protect groundwater from the threat of contamination. Basin management strategies include managing groundwater in conjunction with surface water; implementing programs to protect and promote groundwater quality; maintaining comprehensive, adaptive groundwater models and monitoring networks; and working with

[38] Santa Clara Valley Water District, 2021. Op. cit.

regulatory and land use agencies to protect recharge areas and prevent groundwater contamination.[39]

Because of the relatively shallow depth to groundwater on the project site, dewatering may be performed during construction activities involving excavation. Construction-related dewatering would be temporary and limited to the area of excavations on the project site and would not substantially contribute to depletion of groundwater supplies. As previously discussed, the project site is within the service area for Valley Water and City purchases are currently limited to surface water largely purchased by Valley Water from the State Water Project and Central Valley Project. Therefore, operation of the proposed project would not involve the use of groundwater as potable water. The proposed project would decrease the amount of impervious surfaces at the project site by 0.32 acre and the construction of stormwater management bioretention areas would allow much of the stormwater runoff from the project site to infiltrate into the ground surface. The bioretention basins would also provide treatment for stormwater so that pollution of the groundwater supply would not occur. For these reasons, the proposed project would not conflict with or obstruct the implementation of a sustainable groundwater management plan. Construction and operational impacts related to conflict with, or obstruction of water quality control plans or sustainable groundwater management plans would be less than significant.

[39] Ibid.

4.11 LAND USE AND PLANNING

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Physically divide an established community?	☐	☐	☐	☒
b. Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☐	☒

*a. Would the project physically divide an established community? **(No Impact)***

The physical division of an established community typically refers to the construction of a physical feature (such as an interstate highway or railroad tracks) or removal of a means of access (such as a local road or bridge) that would impair mobility within an existing community, or between a community and outlying areas. For instance, the construction of an interstate highway through an existing community may constrain travel from one side of the community to another; similarly, such construction may also impair travel to areas outside the community.

The project site is located along Barber Lane and Sycamore Drive in an urban area of Milpitas, and occupies a lot bordered by commercial uses to the north, and various commercial and light industrial uses to the south and west. Barber Lane and I-880 border the project site to the east. The project site is currently developed with three commercial buildings. Redevelopment of the project site would represent a general continuation of the commercial and industrial uses found adjacent to the project site and would be consistent with the type and intensity of development in the area. Vehicle access to the site would be provided via three of the existing driveways on the project site, two along Sycamore Drive and one along Barber Lane, and one new driveway along Sycamore Drive, for a total of four driveways. The proposed project would not require the construction of any new infrastructure that would divide an established community, and would not remove any means of access. The proposed project would not result in a physical division of an established community or adversely affect the continuity of land uses in the vicinity and there would be no impact.

*b. Would the project cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect? **(No Impact)***

The City of Milpitas General Plan Land Use Map designates the project site as BPRD.[40] This land use is intended to accommodate business parks, high-intensity office buildings, light manufacturing parks, and light industrial areas that provide for a variety of businesses. The BPRD designation allows for a FAR of up to 2.5. The City of Milpitas Zoning Map identifies the project site as MP.[41] The MP District is intended to accommodate, in a park-like setting, a limited group of research, professional,

[40] Milpitas, City of, 2021. General Plan Land Use Map, Figure LU-1. Available online at: https://www.milpitas.gov/wp-content/uploads/2021/05/Milpitas-General-Plan-Final_Online-Version.pdf

[41] Milpitas, City of, 2015. Zoning Map. January.

packaging and distribution facilities and uses which may have unusual requirements for space, light, and air, and the operation of which are clean and quiet. The project site also has a Recreation and Entertainment (RE) zoning overlay, which allows a unique mixture of indoor and outdoor recreation and entertainment uses that attract patrons from the surrounding region. The MP district allows a floor area ratio of up to 0.50 and does not have a maximum allowable building height, but requires that the Planning Commission make the finding that any excess height over 35 feet in height will not be detrimental to the light, air or privacy of any other structure or use currently existing or anticipated. The proposed building would be a maximum of approximately 50 feet in height and proposes a FAR of 0.48.

Section XI-10-57.03 of the City's Municipal Code identifies the purpose and need for Site Development Permits. As noted in Section XI-10-57.03(A)(1), the Site Development Permit process provides for discretionary review of proposed physical improvements to a site that require special consideration due to the proposed scale, proximity to environmentally sensitive resource areas, or unique design features. Per Section XI-10-57.03(C)(1) of the City's Municipal Code, development of the proposed project would require a Site Development Permit because it involves the construction of a new building.

The project does not propose to change the General Plan land use designation or the current zoning for the project site and would be consistent with the City's General Plan and Zoning Ordinance. Therefore, the proposed project would not conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect and there would be no impact.

4.12 MINERAL RESOURCES

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b. Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒

*a. Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state? **(No Impact)***

The project site is located within an urban area on a previously developed site and there are no known mineral resources within the vicinity of the project site that would be of value to the region or to the State. The City of Milpitas General Plan identifies four areas designated by the State Geologist as containing Regionally Significant Construction Aggregate Resources.[42] However, each of these mineral resource areas are located in the foothills outside City limits. As such, development of the proposed project would not result in the loss of availability of a known mineral resource of value to the region or residents of the State, and there would be no impact related to the availability of mineral resources.

*b. Would the project result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan? **(No Impact)***

Refer to Section 4.12.a. The proposed project would not result in the loss of availability of any known locally important mineral resource recovery site. Therefore, no impact related to the availability of a mineral resources recovery site would occur.

[42] Milpitas, City of, 2020. *Draft Environmental Impact Report for the Milpitas General Plan Update, 3.11 Mineral Resources*. November 2. Available online at: https://static1.squarespace.com/static/57277b461d07c02f9c2f5c2c/t/5fa094bab97246713f3e4e9a/1604359401370/Milipitas_Public_Draft_EIR_reduced.pdf (accessed August 2022).

4.13 NOISE

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project result in:				
a. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☒	☐	☐
b. Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☒	☐
c. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☒	☐

Noise is usually defined as unwanted sound. Noise consists of any sound that may produce physiological or psychological damage and/or interfere with communication, work, rest, recreation, or sleep. Several noise measurement scales exist that are used to describe noise in a particular location. A decibel (dB) is a unit of measurement that indicates the relative intensity of a sound. Sound levels in dB are calculated on a logarithmic basis. An increase of 10 dB represents a ten-fold increase in acoustic energy, while 20 dB is 100 times more intense and 30 dB is 1,000 times more intense. Each 10 dB increase in sound level is perceived as approximately a doubling of loudness; and similarly, each 10 dB decrease in sound level is perceived as half as loud. Sound intensity is normally measured through the A-weighted sound level (dBA). This scale gives greater weight to the frequencies of sound to which the human ear is most sensitive. The A-weighted sound level is the basis for 24-hour sound measurements which better represent how humans are more sensitive to sound at night.

As noise spreads from a source, it loses energy so that the farther away the noise receiver is from the noise source, the lower the perceived noise level would be. Geometric spreading causes the sound level to attenuate or be reduced, resulting in a 6 dB reduction in the noise level for each doubling of distance from a single point source of noise to the noise sensitive receptor of concern.

There are many ways to rate noise for various time periods, but an appropriate rating of ambient noise affecting humans also accounts for the annoying effects of sound. Equivalent continuous sound level (L_{eq}) is the total sound energy of time varying noise over a sample period. However, the predominant rating scales for human communities in the State of California are the L_{eq}, the community noise equivalent level (CNEL), and the day-night average level (L_{dn}) based on dBA. L_{dn}, sometimes denoted as DNL, represents the time varying noise over a 24-hour period, with a 10 dBA weighting factor applied to noise occurring from 10:00 p.m. to 7:00 a.m. (defined as sleeping hours). L_{dn} is similar to the CNEL scale, but without the adjustment for events occurring during the evening relaxation hours of 7:00 p.m. to 10:00 p.m.

Characteristics of Vibration. Vibration refers to ground-borne noise and perceptible motion. Ground-borne vibration is almost exclusively a concern inside buildings and is rarely perceived as a problem outdoors, where the motion may be discernible. Typically, there is more adverse reaction to effects associated with the shaking of a building. Vibration energy propagates from a source through intervening soil and rock layers to the foundations of nearby buildings. The vibration then propagates from the foundation throughout the remainder of the structure. Building vibration may be perceived by occupants as the motion of building surfaces, the rattling of items on shelves or hanging on walls, or a low-frequency rumbling noise. The rumbling noise is caused by the vibration of walls, floors, and ceilings that radiate sound waves. Annoyance from vibration often occurs when the vibration exceeds the threshold of perception by 10 dB or less. This is an order of magnitude below the damage threshold for normal buildings.

Typical sources of ground-borne vibration are construction activities (e.g., blasting, pile driving, and operating heavy-duty earthmoving equipment), steel-wheeled trains, and occasional traffic on rough roads. Problems with both ground-borne vibration and noise from these sources are usually localized to areas within approximately 100 feet from the vibration source, although there are examples of ground-borne vibration causing interference out to distances greater than 200 feet.[43] When roadways are smooth, vibration from traffic, even heavy trucks, is rarely perceptible. It is assumed for most projects that the roadway surface will be smooth enough that ground-borne vibration from street traffic will not exceed the impact criteria; however, both the construction of the project could result in ground-borne vibration that may be damaging.

Ground-borne vibration has the potential to damage buildings. Although it is very rare for typical construction activities to cause even cosmetic building damage, it is not uncommon for construction processes such as blasting and pile driving to cause vibration of sufficient amplitudes to damage nearby buildings. Ground-borne vibration is usually measured in terms of vibration velocity, either the root-mean-square (RMS) velocity or peak particle velocity (PPV). The PPV is used to characterize potential for damage.

Regulatory Framework. The City addresses noise in the Noise Element of the General Plan[44] and in Chapter 213 of the City's Municipal Code (Noise Ordinance).[45] The Noise Element of the City's General Plan provides an understanding of existing and future noise conditions within the City, establishes a basis for evaluating potential noise impacts on future development, and includes policy statements to guide public and private planning to attain and maintain acceptable noise levels. The City's Noise Compatibility Standards are shown in Table 4.G. As shown in Table 4.G, the "normally acceptable" noise level for industrial uses is 75 dBA L_{dn}, with a "conditionally acceptable" range between 70 dBA and 80 dBA. The "normally unacceptable" noise level is between 75 dBA and 85 dBA L_{dn}.

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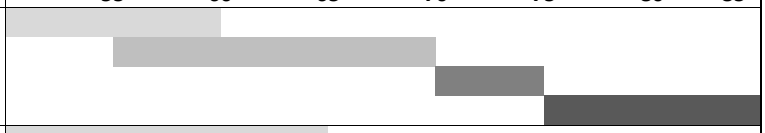
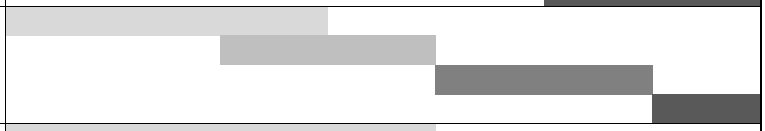
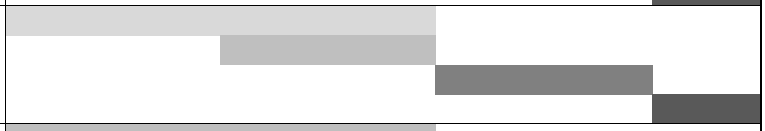
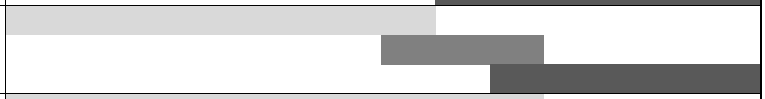
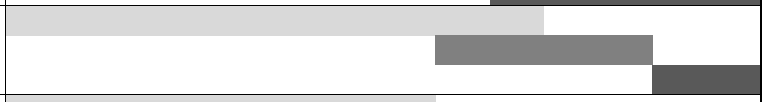
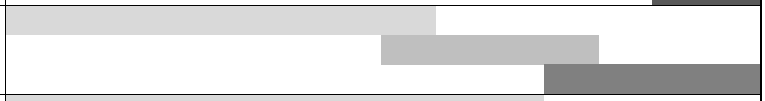
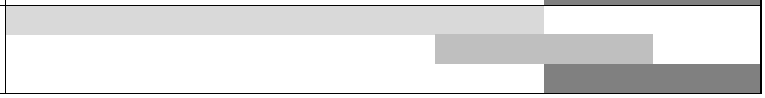
43 California Department of Transportation, 2013. *Caltrans Transportation and Construction Vibration Guidance Manual*. September.

44 Milpitas, City of, 2010. *Milpitas General Plan*. April.

45 Milpitas, City of, 2022. *Milpitas Municipal Code*. Chapter 213.

Table 4.G: City of Milpitas Noise Compatibility Standards

Land Use Category	Community Noise Exposure, L_{dn} or CNEL, dB 55 60 65 70 75 80 85
Residential – Low Density Single Family, Duplex, Mobile Homes	
Residential Multi-Family	
Transient Lodging Motels, Hotels	
Schools, Libraries, Churches, Hospitals, Nursing Homes	
Auditoriums, Concert Halls, Amphitheaters	
Sports Arena, Outdoor Spectator Sports	
Playgrounds, Neighborhood Parks	
Golf Courses, Riding Stables, Water Recreation, Cemeteries	
Office Buildings, Business Commercial and Professional	
Industrial, Manufacturing, Utilities, Agriculture	

Normally Acceptable		Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction, without any special noise insulation requirements. Buildings are of conventional construction.
Conditionally Acceptable		New construction or development should be undertaken only after a detailed analysis of noise reduction requirements is made and needed noise insulation features included in the design. Conventional construction, but with closed windows and fresh air supply systems or air conditioning will normally suffice.
Normally Unacceptable		New construction or development should generally be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise insulation features included in the design.
Clearly Unacceptable		New construction or development should generally not be undertaken.

Source: *City of Milpitas General Plan* (2010).

Additionally, the following Implementation Policies from the City's General Plan would be applicable to the proposed project:

- Policy 6-I-2: Require an acoustical analysis for projects located within a "conditionally acceptable" or "normally unacceptable" exterior noise exposure area. Require mitigation measures to reduce noise to acceptable levels.

- Policy 6-I-3: Prohibit new construction where the exterior noise exposure is considered "clearly unacceptable" for the proposed use.

- Policy 6-I-5: All new residential development (single family and multifamily) and lodging facilities must have interior noise levels of 45 dB DNL or less. Mechanical ventilation will be required where use of windows for ventilation will result in higher than 45 dB DNL interior noise levels.

- Policy 6-I-7: Avoid residential DNL exposure increases of more than 3 dB or more than 65 dB at the property line, whichever is more restrictive.

- Policy 6-I-12: New noise-producing facilities introduced near sensitive land uses which may increase noise levels in excess of "acceptable" levels will be evaluated for impact prior to approval; adequate mitigation at the noise source will be required to protect noise-sensitive land uses.

- Policy 6-I-13: Restrict the hours of operation, technique, and equipment used in all public and private construction activities to minimize noise impact. Include noise specifications in requests for bids and equipment information.

Chapter 213 of the City's Municipal Code prohibits construction activities outside of the hours of 7:00 a.m. to 7:00 p.m. on weekdays and weekends, and on holidays except during emergencies. The noise ordinance also contains residential zone regulations in Section V-213-3(a). The residential zone regulations stipulate that it is unlawful for any person in any residential zone to make or cause any disturbing noise, such as amplified music, horns, or yelling, that increases the ambient noise level by 3 dB or to greater than 65 dB, whichever is more restrictive. The residential zone regulations also stipulate that it is unlawful for any person in a residential zone to make or cause any disturbing noise that is audible during the hours of 10:00 p.m. to 7:00 a.m. from a distance of 50 feet from the property line of the noise source or 100 feet from any non-stationary noise source.

Because the City does not have construction noise level limits, construction noise was assessed using criteria from the Transit Noise and Vibration Impact Assessment Manual.[46] Table 4.H shows the FTA's Detailed Analysist Construction Noise Criteria based on the composite noise levels per construction phase.

[46] Federal Transit Administration. 2018. *Transit Noise and Vibration Impact Assessment Manual.* September 1.

Table 4.H: Detailed Assessment Construction Noise Criteria

Land Use	Daytime 1-hour L_{eq} (dBA)	Nighttime 1-hour L_{eq} (dBA)
Residential	80	70
Commercial	85	85
Industrial	90	90

Source: *Transit Noise and Vibration Impact Assessment Manual* (FTA 2018).
dBA = A-weighted decibels
L_{eq} = equivalent continuous sound level

Vibration standards included in the Federal Transit Administration's (FTA) Transit Noise and Vibration Impact Assessment[47] are used in this analysis. The criteria for environmental impact from groundborne vibration are based on the maximum levels for a single event. FTA guidelines show that a vibration level of up to 0.5 inches per second [in/sec] in peak particle velocity [PPV] is considered safe for buildings consisting of reinforced concrete, steel, or timber (no plaster), and would not result in any construction vibration damage. For a non-engineered timber and masonry building, the construction building vibration damage criterion is 0.2 in/sec in PPV.

Existing Noise Conditions. Certain land uses are considered more sensitive to noise than others. Examples of these include residential areas, educational facilities, hospitals, childcare facilities, and senior housing. The project site is surrounded by manufacturing and commercial uses to the north, west and south with Interstate 880 (I-880) forming its eastern boundary. The Element San Jose Hotel located approximately 600 feet north of the project site boundary and the single-family residences located approximately 330 feet east of the project site boundary opposite I-880 are the closest sensitive receptors to the project site.

Existing Ambient Noise Level Measurements. The ambient noise environment in the vicinity of the project site is affected by a variety of noise sources. While noise associated with aircraft flyovers and sporadic events such as trash pick-up activities occur in the project area, the major sources of noise are traffic on I-880 and impacts from parking lot and loading activities from the surrounding uses. Two long-term (24-hour) noise measurements (LT-1 & LT-2) were conducted September 22, 2022, through September 23, 2022, on the project site to establish the existing ambient noise environment on the project site. Data collected during the noise measurements are summarized in Table 4.I. The noise measurements indicate that ambient noise at the project site ranges between 61.3 dBA L_{dn} and 75.5 dBA L_{dn}. The noise measurement locations are shown in Figure 4-1 and noise measurement sheets are provided in Appendix E.

[47] Federal Transit Administration, 2018. Office of Planning and Environment. *Transit Noise and Vibration Impact Assessment, FTA-VA-90-1003-06*. September.

Table 4.I: Long-Term Ambient Noise Level Measurements (September 22 – September 23, 2022)

Location	Daytime Noise Levels[1] (dBA L_{eq})	Nighttime Noise Levels[2] (dBA L_{eq})	Daily Noise Level (dBA L_{dn})
LT-1: Northeast corner of project site on a tree, approximately 170 feet away from I-880 centerline.	68.8 – 72.2	64.2 – 72.5	75.5
LT-2: Northwest corner of project site on a tree, approximately 1140 feet away from I-880 centerline	54.4 – 58.3	51.4 – 57.2	61.3

Source: Compiled by LSA. (September 22-23, 2022).

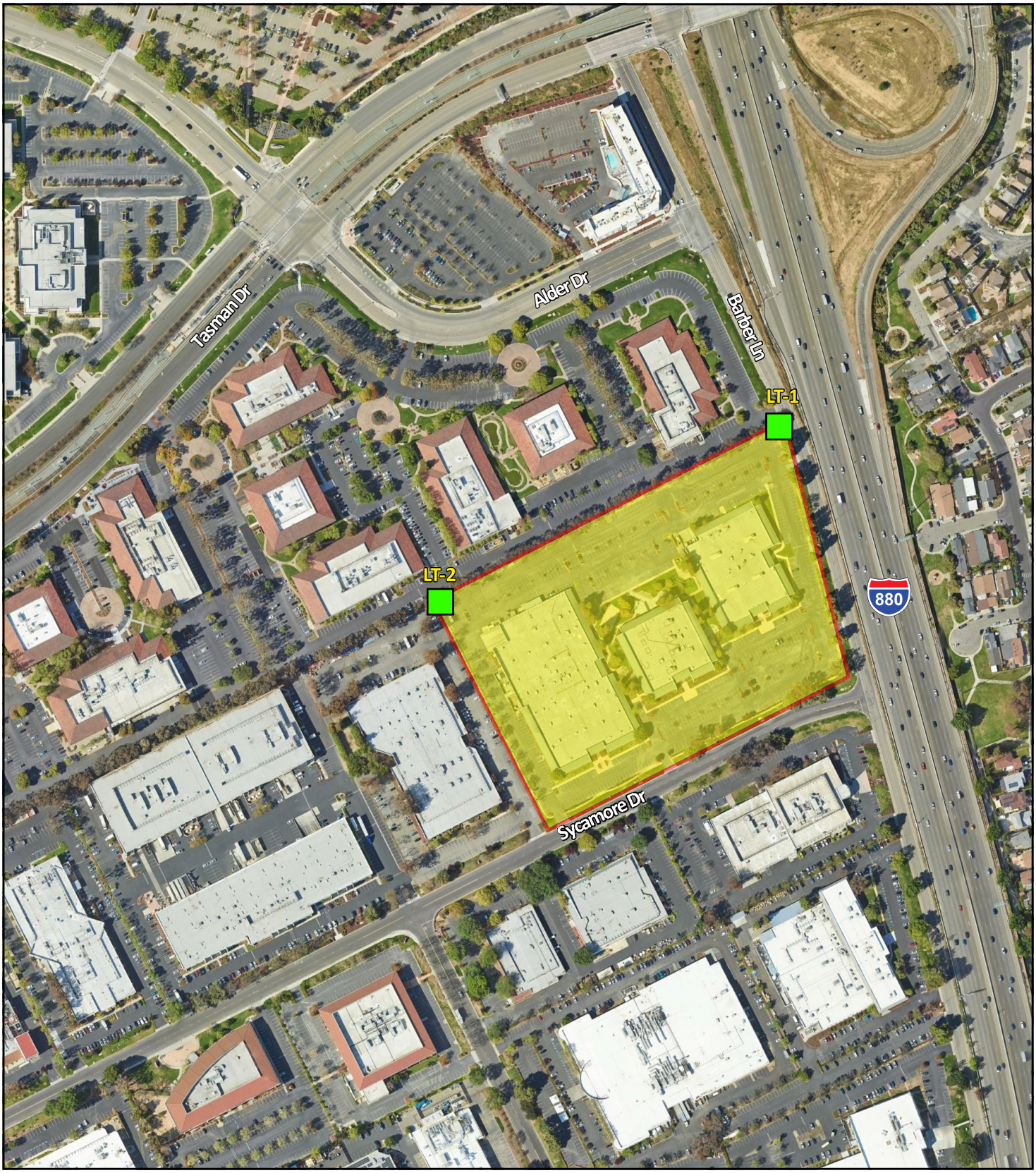
[1] Daytime Noise Levels = noise levels during the hours of 7:00 a.m. to 7:00 p.m.

[2] Nighttime Noise Levels = noise levels during the hours of 10:00 p.m. to 7:00 a.m.

dBA = A-weighted decibels

L_{dn} = day-night average noise level

L_{eq}=equivalent continuous sound level



LSA

LEGEND

Project Site Boundary

LT-1 Long-Term Noise Monitoring Location

FIGURE 4-1

N

0 100 200

FEET

SOURCE: Google Earth 2021

I:\MLP1902.11G\Noise_Locs.ai (12/8/22)

475 Sycamore Drive Project IS/MND

Noise Monitoring Locations

a. Would the project result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? ***(Less Than Significant with Mitigation Incorporated)***

Construction Noise Impacts. Implementation of the proposed project would include construction activities that would result in a substantial temporary increase in ambient noise levels in the vicinity of the project site.

The project site is generally surrounded by a mix of commercial and industrial uses. The closest receptors include the industrial uses located north and south of the project site approximately 440 and 500 feet, respectively, from the center of project site. The closest sensitive receptors would be the Element San Jose Hotel located approximately 600 feet to the north and the single-family residences located approximately 330 feet east of the project site boundary opposite I-880. Project construction would result in short-term noise impacts to these sensitive receptors. Maximum construction noise would be short-term, generally intermittent depending on the construction phase, and variable depending on receiver distance from the active construction zone. The duration of noise impacts generally would be from one day to several days depending on the phase of construction. The level and types of noise impacts that would occur during construction are described below.

Short-term noise impacts would occur during grading and site preparation activities. Table 4.J lists maximum noise levels recommended for noise impact assessments for typical construction equipment, based on a distance of 50 feet between the equipment and a noise receptor. Construction-related short-term noise levels would be higher than existing ambient noise levels in the project area, but would no longer occur once construction of the proposed project is complete.

Table 4.J: Typical Construction Equipment Noise Levels

Equipment Description	Acoustical Usage Factor (%)	Maximum Noise Level (L_{max}) at 50 Feet[1]
Compressor	40	80
Cranes	16	85
Dozers	40	85
Drill Rig	20	84
Flat Bed Trucks	40	84
Forklift	20	85
Front-end Loaders	40	80
Generator	50	82
Man-lift	20	85
Rollers	20	85
Water Truck	40	84
Welder	40	73

Source: Roadway Construction Noise Model (FHWA 2006).
Note: Noise levels reported in this table are rounded to the nearest whole number.
d. Maximum noise levels were developed based on Spec 721.560 from the Central Artery/Tunnel program to be consistent with the City of Boston's Noise Code for the "Big Dig" project.
L_{max} = maximum instantaneous sound level

Two types of short-term noise impacts could occur during construction of the proposed project. The first type involves construction crew commutes and the transportation of construction equipment and materials to the site for the proposed project, which would incrementally increase noise levels on roads leading to the site. As shown in Table 4.J, there would be a relatively high single-event noise exposure potential at a maximum level of 85 dBA L_{max} with trucks passing at 50 feet.

The second type of short-term noise impact is related to noise generated during demolition, excavation, grading, and construction on the project site. Construction is performed in discrete steps, or phases, each with its own mix of equipment and, consequently, its own noise characteristics. These various sequential phases would change the character of the noise generated on site. Therefore, the noise levels vary as construction progresses. Despite the variety in the type and size of construction equipment, similarities in the dominant noise sources and patterns of operation allow construction-related noise ranges to be categorized by work phase.

Table 4.J lists maximum noise levels recommended for noise impact assessments for typical construction equipment, based on a distance of 50 feet between the equipment and a noise receptor. Average maximum noise levels range up to 85 dBA L_{max} at 50 feet during the noisiest construction phases. The site preparation and grading phases, including excavation of the site, tends to generate the highest noise levels because earthmoving machinery is the noisiest construction equipment. Earthmoving equipment includes excavating machinery such as backfillers, bulldozers, draglines, and front loaders. Earthmoving and compacting equipment includes compactors, scrapers, and graders. Typical operating cycles for these types of construction equipment may involve 1 or 2 minutes of full-power operation followed by 3 or 4 minutes at lower power settings.

As identified above, I project site is generally surrounded by a mix of commercial and industrial uses. The closest receptors include the industrial uses located north and south of the project site approximately 440 and 500 feet, respectively, from the center of project site. The closest sensitive receptors would be the Element San Jose Hotel located approximately 1,000 feet to the north and the single-family residences located opposite I-880, approximately 800 feet east from the center of project site. The 440-foot distance would decrease the noise level by approximately 19 dBA compared to the noise level measured at 50 feet from the construction activity. Therefore, the closest off-site receptors may be subject to short-term construction noise levels of 69 dBA L_{eq} when construction is occurring at the center of project site, and this noise level would be lower than the 90 dBA L_{eq} criteria established by FTA for industrial uses and 80 dBA L_{eq} criteria for residential uses. All other receptors are further away and would be exposed to lower short-term construction noise levels. Construction equipment calculations are provided in Appendix E.

Long-Term Noise Impacts. The proposed project would generate long-term noise impacts from traffic noise sources, as discussed below.

The guidelines included in the Federal Highway Administration (FHWA) Highway Traffic Noise Prediction Model (FHWA-RD-77-108)[48] were used to evaluate highway traffic-related noise

[48] Federal Highway Administration (FHWA). 2006. Roadway Construction Noise Model User's Guide. January. Washington, D.C. Website: https://www.fhwa.dot.gov/environment/noise/construction_noise/rcnm/rcnm.pdf (accessed December 2022).

conditions along roadway segments in the project vicinity. This model requires various parameters, including traffic volumes, vehicle mix, vehicle speed, and roadway geometry, to compute typical equivalent noise levels during daytime, evening, and nighttime hours. The vehicle percentages used are consistent with those identified in the City's Noise Element for the surrounding roadways. The resultant noise levels are weighted and summed over 24-hour periods to determine the CNEL values. Table 4.K provides the traffic noise levels for the existing with and without project, and opening year with and without project scenarios. These noise levels represent the worst-case scenario, which assumes no shielding is provided between the traffic and the location where the noise contours are drawn.

The without and with project scenario traffic volumes were obtained from the CEQA Transportation Analysis.[49] Appendix E provides the specific assumptions used in developing these noise levels and model printouts.

Table 4.K shows that the increase in project-related traffic noise would be no greater than 3.6 dBA. Noise level increases above 3.0 dBA may be perceptible to some people in an outdoor environment, but the expected increase is less than the readily perceptible threshold of 5.0 dBA. Therefore, traffic noise impacts from project-related traffic on off-site sensitive receptors would be less than significant.

[49] Hexagon Transportation Consultants, Inc., 2022. *CEQA Transportation Analysis for 475 Sycamore Industrial Development.* November 30.

Table 4.K: Traffic Noise Levels Without and With Proposed Project

Roadway Segment	Existing Without Project		Existing With Project			Opening Year		Opening Year With Project		
	ADT	CNEL (dBA) 50 feet from Centerline of Nearest Lane	ADT	CNEL (dBA) 50 feet from Centerline of Nearest Lane	Increase from Existing Conditions	ADT	CNEL (dBA) 50 feet from Centerline of Nearest Lane	ADT	CNEL (dBA) 50 feet from Centerline of Nearest Lane	Increase from Near-Term Conditions
Tasman Drive West of Alder Drive	18,020	73.6	18,080	73.6	0.0	23,620	74.7	23,660	74.8	0.1
Tasman Drive East of Alder Drive	30,280	75.8	31,870	76.0	0.2	39,690	77.0	40,020	77.0	0.0
Alder Drive South of Tasman Drive	6,270	67.9	8,100	69.0	1.1	8,220	69.0	8,630	69.2	0.2
Barber Lane North of Alder Drive	5,470	70.3	5,470	70.3	0.0	7,170	71.4	7,170	71.4	0.0
Barber Lane between Alder Drive and Sycamore Drive	3,670	68.8	5,500	70.5	1.7	4,810	70.0	5,220	70.3	0.3
Barber Lane East of McCarthy Boulevard	3,820	69.0	4,390	69.6	0.6	5,010	70.1	5,140	70.3	0.2
Sycamore Drive between Buckeye Drive and Barber Lane	940	61.4	2,150	65.0	3.6	940	61.4	1,160	62.3	0.9
Sycamore Drive between Buckeye Drive and McCarthy Boulevard	1,040	61.8	2,250	65.2	3.4	1,040	61.8	1,260	62.6	0.8
McCarthy Boulevard North of Sycamore Drive	7,530	71.0	7,690	71.1	0.1	9,870	72.2	9,980	72.2	0.0
McCarthy Boulevard South of Sycamore Drive	7,280	70.9	7,830	71.2	0.3	9,550	72.1	9,660	72.1	0.0

Source: Compiled by LSA (December 2022).
Note: Traffic noise within 50 feet of the roadway centerline should be evaluated with site-specific information.
Shaded cells indicate roadway segments adjacent to the project site.
ADT = average daily traffic
CNEL= Community Noise Equivalent Level
dBA = A-weighted decibels

Stationary Noise Impacts. Implementation of the proposed project would generate various on-site stationary noise sources, including heating, ventilation, and air conditioning (HVAC), truck delivery activities and dock operations. The Milpitas Municipal Code limits non-construction noise to 65 dBA within any district zoned for residential use.

Of the on-site stationary noise sources during operation of the project, noise generated by dock activities would generate the highest maximum noise levels. To provide a conservative analysis, it is assumed that operations would occur equally during all hours of the day and half of the 40 loading docks would be active at all times. Additionally, it is assumed that within any given hour, 10 heavy trucks would maneuver to park near or back into one of the proposed loading docks.

The project would have various rooftop mechanical equipment including HVAC units on the proposed building. To be conservative, it is assumed the project could have eight rooftop HVAC units and operate 24 hours per day and would generate sound power levels (SPL) of up to 76 dBA SPL or 63 dBA L_{eq} at 5 feet per unit, based on manufacturer data.[50]

Table 4.L presents the noise levels from stationary noise sources at the nearest noise-sensitive location. The closest off-site sensitive uses are single-family residences, which are located approximately 330 feet east of the project site across I-880, and the Element San Jose Hotel, which is located approximately 600 feet north of the project site. The results show that the combined hourly noise levels generated by the on-site stationary sources would not exceed 65 dBA at the sensitive receptors, without considering shielding from the surrounding buildings. Therefore, the proposed project would not substantially increase noise levels over existing conditions. This impact would be less than significant.

Table 4.L: Summary of Stationary Sources Noise Levels

Off-Site Land Use (Direction)	Noise Source	No. of Units	Reference Noise Level (dBA L_{eq})	Total Reference Noise at 5 feet (dBA L_{eq})[1]	Distance (ft)	Distance Attenuation (dBA)	Noise Level (dBA L_{eq})	Combined Noise Level (dBA L_{eq})
Residences Opposite I-880 (East)	Truck Loading	20	85	98	820	44	54	56
	Truck Parking	10	85	98	820	44	51	
	HVAC 1	4	67	73	415	38	34	
	HVAC 2	4	67	73	1,090	47	26	
The Element Hotel (North)	Truck Loading	20	85	98	800	44	54	56
	Truck Parking	10	85	98	660	42	53	
	HVAC 1	4	67	73	920	45	27	
	HVAC 2	4	67	73	1,200	48	25	

Source: Compiled by LSA (2022).

[50] Allied Commercial. 2019. *KHB – K-Series Rooftop Units Standard and High Efficiency – 50 Hz Product Specifications*. April.

b. Would the project result in generation of excessive groundborne vibration or groundborne noise levels? ***(Less-Than-Significant Impact)***

Ground-borne vibration from construction activity has the potential to be high when activities occur near project boundaries but would be mostly low to moderate as activities are more central to the project site.

The roadways surrounding the project area, including Depot Road, Whitesell Street, and the existing driveways, are paved, smooth, and unlikely to cause significant groundborne vibration. In addition, the rubber tires and suspension systems of buses and other on-road vehicles make it unusual for on-road vehicles to cause groundborne noise or vibration problems. It is, therefore, assumed that no such vehicular vibration impacts would occur and, therefore, no vibration impact analysis of on-road vehicles is necessary.

The following vibration impact analysis discusses the level of human annoyance using vibration levels in VdB and assesses the potential for structural damages using vibration levels in PPV (in/sec), because vibration levels calculated in RMS are best for characterizing human response to building vibration, while vibration level in PPV is best used to characterize potential for damage.

Construction Vibration. Construction of the proposed project could result in the generation of groundborne vibration. The FTA Transit Noise and Vibration Impact Assessment guidelines indicate that a vibration level up to 102 VdB (an equivalent to 0.5 in/sec in PPV) is considered safe for buildings consisting of reinforced concrete, steel, or timber (no plaster), and would not result in any construction vibration damage. For a non-engineered timber and masonry building, the construction vibration damage criterion is 94 VdB (0.2 in/sec in PPV).

Table 4.M shows the PPV and VdB values at 25 feet from a construction vibration source. As shown in Table 4.M, bulldozers and other heavy-tracked construction equipment (except for pile drivers and vibratory rollers) generate approximately 87 VdB of groundborne vibration when measured at 25 feet, based on the Transit Noise and Vibration Impact Assessment. At this level, groundborne vibration would result in potential annoyance to residents and workers, but would not cause any damage to the buildings. Construction vibration, similar to vibration from other sources, would not have any significant effects on outdoor activities (e.g., those outside of residences and commercial/office buildings in the project vicinity). Outdoor site preparation for the proposed project is expected to include the use of bulldozers and loaded trucks. The greatest levels of vibration are anticipated to occur during the site preparation phase. All other phases are expected to result in lower vibration levels.

Table 4.M: Vibration Source Amplitudes for Construction Equipment

Equipment	Reference PPV/L_V at 25 feet	
	PPV (in/sec)	L_V (VdB)[a]
Pile Driver (Impact), Typical	0.644	104
Pile Driver (Sonic), Typical	0.170	93
Vibratory Roller	0.210	94
Hoe Ram	0.089	87
Large Bulldozer	0.089	87
Caisson Drilling	0.089	87
Loaded Trucks	0.076	86
Jackhammer	0.035	79
Small Bulldozer	0.003	58

Sources: *Transit Noise and Vibration Impact Assessment* (FTA 2018).
[a] RMS vibration velocity in decibels (VdB) is 1 µin/sec.
µin/sec = micro-inches per second
FTA = Federal Transit Administration
in/sec = inches per second
L_V = velocity in decibels
PPV = peak particle velocity
RMS = root-mean-square
VdB = vibration velocity decibels

The distance to the nearest buildings for vibration impact analysis is measured between the nearest off-site buildings and the project boundary (assuming the construction equipment would be used at or near the project boundary) because vibration impacts occur normally within the buildings. The formula for vibration transmission is provided below.

$$L_vdB\ (D) = L_vdB\ (25\ ft) - 30\ Log\ (D/25)$$
$$PPV_{equip} = PPV_{ref} \times (25/D)^{1.5}$$

For typical construction activity, the equipment with the highest vibration generation potential is the large bulldozer, which would generate 87 VdB at 25 feet. The closest surrounding buildings to the project site include the existing industrial building, located approximately 50 feet north of the project site. The industrial building would experience vibration levels of up to 78 VdB (0.031 PPV [in/sec]). This vibration level at the nearest building from construction equipment would not exceed the FTA threshold of 94 VdB (0.2 in/sec PPV) for building damage. Although construction vibration levels at the nearest buildings would have the potential to result in annoyance, these vibration levels would no longer occur once construction of the project is completed. Therefore, groundborne vibration impacts from construction activities associated with the proposed project would be considered less than significa

c. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels? ***(Less-Than-Significant Impact)***

The project site is not located within the vicinity of a private airstrip. The proposed project site is not within an airport land use plan, or within 2 miles of a public airport or public use airport. The closest airport to the project site is the Norman Y. Mineta San José International Airport, located approximately 2.7 miles southwest of the project site. The project site is not within the 65 dBA CNEL

noise contours of this or any other airport.[51] Therefore, the proposed project would not expose people residing or working in the project area to excessive noise levels and impacts would be less than significant.

[51] Santa Clara County Airport Land Use Commission, 2016. *Comprehensive Land Use Plan for Norman Y Mineta San José International Airport.* November 16.

4.14 POPULATION AND HOUSING

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☒	☐
b. Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

*a. Would the project induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)? **(Less-Than-Significant Impact)***

CEQA Guidelines Section 15126.2[d] identifies a project as growth inducing if it fosters economic or population growth, or the construction of additional housing either directly or indirectly in the surrounding environment. New employees from commercial or industrial development and new population from residential development represent direct forms of growth, which have a secondary effect of expanding the size of local markets and inducing additional economic activity in the area.

Under CEQA, growth inducement is not considered necessarily detrimental, beneficial, or of little significance to the environment. Typically, the growth-inducing potential of a project would be considered substantial if it fosters growth or a concentration of population in excess of what is assumed in pertinent master plans, land use plans, or in projections made by regional planning agencies.

The proposed project would include the construction of an approximately 293,422-square-foot industrial building and associated site improvements including new internal roadways, landscaping, and utility improvements. The proposed building would include space for warehouse, light industrial, and R&D uses, as well as 12,000 square feet of office space that would be split between the southwest and southeast corners of the building, 52 trailer stalls, and 40 loading dock doors. It is anticipated that approximately 250 people would be employed on the project site, an increase of 175 people compared to the 75 people that are currently employed on the project site under existing conditions.

The proposed project would not result in direct population growth as the use proposed is not residential and would not contribute to permanent residency on site. Although the potential exists for the proposed project to result in indirect population growth through employment opportunities, the project is consistent with the General Plan land use designation and zoning designation for the site and would not generate growth beyond that anticipated in the General Plan. Therefore, the proposed project would not directly or indirectly induce population growth and this impact would be considered less than significant.

b. Would the project displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere? ***(No Impact)***

The proposed project consists of the demolition of three existing commercial buildings and the construction of an approximately 293,422-square-foot industrial building and associated site improvements including new internal roadways, landscaping, and utility improvements. Under existing conditions, the project site does not contain any residential uses and construction of the proposed project would not displace existing residents within the nearby residential areas. Therefore, the proposed project would not result in the displacement of people or housing and would not require the construction of replacement housing elsewhere, and there would be no impact.

4.15 PUBLIC SERVICES

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
i. Fire protection?	☐	☐	☒	☐
ii. Police protection?	☐	☐	☒	☐
iii. Schools?	☐	☐	☒	☐
iv. Parks?	☐	☐	☒	☐
v. Other public facilities?	☐	☐	☒	☐

a. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services: i. Fire protection? ii. Police protection? iii. Schools? iv. Parks? v. Other public facilities? ***(Less-Than-Significant Impact)***

Fire Protection. Fire suppression, emergency medical and rescue services, and other life safety services are provided to the project area and the site by the Milpitas Fire Department. There are four fire stations within the City, with the closest to the project site being Fire Station 4 at 775 Barber Lane, approximately 0.3 mile north of the project site. Planned growth under the General Plan would increase calls for fire protection service in the City. The proposed project could result in an incremental increase in the demand for fire protection services as a result of an increase in daytime population (employees) on the project site. However, the proposed project would be consistent with the site's General Plan designation and does not represent unplanned growth given that the project site would be developed consistent with its land use and zoning designations. The proposed project would also be required to comply with all applicable codes for fire safety and emergency access. In addition, the Fire Department would also review the site plans and Fire Access Plan for the proposed project to ensure that adequate emergency access is provided prior to issuance of a building permit.

The Milpitas Fire Department would continue providing services to the project site and would not require additional firefighters to serve the proposed project. Additionally, the City maintains mutual aid agreements with area municipal and County fire departments through the Santa Clara County Local Mutual Aid Plan, with the California Department of Forestry and Fire Protection, and through the statewide mutual aid agreement. Therefore, the construction of a new or expanded fire station would not be required. The proposed project would not result in a significant impact on the physical environment due to the incremental increase in demand for fire protection and life safety services.

The incremental increase in demand for services is not expected to adversely affect existing responses times to the site or within the City. Therefore, construction and operation of the proposed project would have a less-than-significant impact on fire protection and safety services and facilities.

Police Protection. The City of Milpitas Police Department (Police Department) provides police protection to the project area and project site. The Police Department headquarters are located at 1275 N. Milpitas Boulevard, approximately 2.5 miles northeast of the project site. Planned growth under the General Plan would increase calls for police protection service in the City. The proposed project would be consistent with the site's General Plan designation and would not represent unplanned growth. The project could result in an incremental increase in the demand for police protection services; however, because the proposed land use would be similar to the existing use and surrounding uses it is anticipated that any increase would be incremental and would not be significant. The Police Department would continue to provide services to the project site and would not require additional officers to serve the project site. The construction of new or expanded police facilities would not be required. Therefore, the proposed project would not result in a substantial adverse impact associated with the provision of additional police facilities or services, and impacts to police services would be less than significant.

Schools. The Milpitas Unified School District (MUSD) operates 16 schools, including a child development center, 10 elementary schools (grades K-5), 2 middle schools (grades 6-8), one high school (grades 9-12), one continuation high school, and one adult education school.[52] The proposed project does not include any residential uses, and would not directly affect student population. As previously discussed in Section 3.14, a fraction of employees may move to Milpitas solely for employment, but this growth would only result in an incremental increase in student population, and may be spread amongst the whole school district, depending upon place of residence.

Senate Bill 50 (SB 50), which revised the existing limitation on developer fees for school facilities, was enacted as urgency legislation which became effective on November 4, 1998 as a result of the California voters approving a bond measure (Proposition 1A). SB 50 established a 1998 base amount of allowable developer fees (Level One fee) for residential construction (subject to adjustment) and prohibits school districts, cities, and counties from imposing school impact mitigation fees or other requirements in excess or in addition to those provided in the statute.

The MUSD requires payment of a school impact fee of $0.78 per square foot of industrial development.[53] The project applicant would be required to pay this fee, prior to issuance of a certificate of occupancy. The MUSD is responsible for implementing the specific methods for mitigating school impacts under the Government Code. These fees would be directed towards maintaining adequate service levels, which would ensure that any impact to schools that could

[52] Milpitas Unified School District, 2018. Website: www.musd.org/about.html (accessed November 1, 2022).

[53] Milpitas Unified School District, 2022. *School Impact (Developer) Fees.* April 27. Website: https://drive.google.com/file/d/1Z1giENC4AEDqf7ZKmGBlNRJjZDGb1P-R/view (accessed November 1, 2022).

result from the proposed project would be offset by development fees, and in effect, reduce potential impacts to a less-than-significant level.

Parks. The closest park to the project site is Pinewood Park, located approximately 0.1 mile southeast of the project site on the east side of I-880. Pinewood Park includes walking paths, tennis courts, playgrounds, picnic tables, BBQ grills, and grassy areas. Other City-owned parks in the vicinity of the project site include Cerano Park, Tom Evatt Park, and John McDermott Park. Nearby regional parks include Ed R. Levin County Park and the Mission Peak Regional Preserve.

Development of the proposed project could increase the use of these parks as well as other parks within the City and within the region as project employees and visitors may access these facilities. However, this increase would be incremental due to the absence of residential uses as part of the proposed project and would not adversely affect the physical conditions of local and regional open space areas or recreational facilities or require the provision of new parks of facilities in order to meet established service goals. Further, the proposed project includes on-site open space that would also be utilized by employees, further off-setting the small increase in use of nearby parks. Therefore, this impact would be less than significant.

Other Public Facilities. The proposed project would include demolition of the existing commercial buildings on the project site and construction of an approximately 293,422-square-foot industrial building and associated site improvements including new internal roadways, landscaping, and utility improvements. Development of the project would be unlikely to increase the demand for other public services, including libraries, community centers, and public health care facilities, because no direct population growth would occur. Therefore, the proposed project would not substantially increase the usage of these facilities, such that new facilities would be needed to maintain service standards and this impact would be less than significant.

4.16 RECREATION

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☒	☐
b. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☐	☒

a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated? ***(Less-Than-Significant Impact)***

As discussed in Section 3.15, project employees and visitors to the project site would be expected to use local parks and community facilities in the vicinity as well as regional recreational facilities. Although new employees and visitors associated with the proposed project could incrementally increase the use of these facilities, this minor increase in use would not result in substantial physical deterioration of local parks, trails, and community centers and this impact would be less than significant.

b. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment? ***(No Impact)***

The proposed project would include demolition of the existing commercial buildings on the project site and construction of an approximately 293,422-square-foot industrial building and associated site improvements including new internal roadways, landscaping, and utility improvements. The proposed project does not include or require the construction or expansion of existing public recreational facilities. Therefore, development of the proposed project and associated recreational opportunities for use by project occupants would not result in additional environmental effects beyond those described in this document.

4.17 TRANSPORTATION

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	☐	☐	☒	☐
b. Conflict or be inconsistent with CEQA Guidelines §15064.3, subdivision (b)?	☐	☐	☒	☐
c. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☒	☐	☐
d. Result in inadequate emergency access?	☐	☐	☒	☐

The following section is based on information provided in the CEQA Transportation Analysis prepared for the proposed project.[54] The CEQA Transportation Analysis evaluates the transportation impacts that could result from the proposed project, including impacts associated with traffic congestion, transit services, and pedestrian and bicycle circulation. The CEQA Transportation Analysis is included as Appendix F of this Initial Study.

*a. Would the project conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities? **(Less-Than-Significant Impact)***

The following includes an evaluation of the proposed project's potential to conflict with applicable programs, plans, ordinances, and policies addressing the circulation system, including the City of Milpitas Trails, Pedestrians, Bike Master Plan. The section begins with a description of the proposed project's trip generating potential, compared to existing conditions, followed by an analysis of potential impacts to transit, bicycle, pedestrian, and roadway facilities. As discussed in detail below, this impact would be less than significant.

Trip Generation. Trip generation is the process of estimating the number of vehicles that would likely access the project site. Trip generation data is estimated using the data and methodology published by the Institute of Transportation Engineers (ITE) in the Trip Generation Manual, 11th Edition. The rates for High Cube Fulfillment Center Warehouse-Sort (ITE Code 155) and General Office Building (ITE Code 710) were used to estimate the vehicle trips generated by the proposed project, as shown in Table 4.N. The proposed project would also generate truck trips. As shown in Table 4.N, assuming a passenger car equivalent (PCE) factor of 2.0 for converting trips to passenger vehicle trips, it is estimated that the proposed project would generate truck trips which are equivalent to 107 primary vehicle trips per day, with 12 primary vehicle trips occurring during the AM peak hour and 12 primary vehicle trips occurring during the PM peak hour.

[54] Hexagon Transportation Consultants, Inc., 2022. Op. cit.

Table 4.N: Proposed Project Automobile Trip Generation

Land Use	Size	Daily Trips	Weekday AM Peak Hour			Weekday PM Peak Hour		
			In	Out	Total	In	Out	Total
Proposed Use								
High Cube Fulfillment Center Warehouse-Sort[a]	281,422 sf	1,812	198	47	245	132	206	338
Passenger Vehicles (A)		*1,759*	*182*	*58*	*240*	*103*	*229*	*332*
Trucks[b]		*53*	*3*	*3*	*6*	*3*	*3*	*6*
Truck PCE[c] (B)		*107*	*6*	*6*	*12*	*6*	*6*	*12*
Total PCE (C) = (A) + (B)		*1,866*	*188*	*64*	*252*	*109*	*235*	*344*
General Office Building[d] (D)	12,000 sf	130	16	2	18	3	14	17
Total Project Trips (E) = (C) + (D)		1,996	204	66	270	112	249	361
Existing Use								
General Office Building[d]	197,700 sf	-2,143	-264	-36	-300	-46	-237	-265
Net New Trips		**-147**	**-60**	**30**	**-30**	**64**	**13**	**77**

Source: Hexagon Transportation Consultants, Inc. (November 2022)
ITE = Institute of Transportation Engineers; sf = square feet; du = dwelling units; PCE = passenger car equivalent
a: Trip generation based on average rates contained in the ITE Trip Generation Manual, 11th Edition, for Land Use Code 155.
b: Truck trip generation based on truck data plots in the ITE Trip Generation Manual, 11th Edition, for Land Use Code 155.
c: A PCE of 2.0 was assumed to convert truck trips to passenger vehicle trips.
d: Trip generation based on average rates contained in the ITE Trip Generation Manual, 11th Edition, for Land Use Code 710.

Pedestrians. Pedestrian trips comprise approximately one percent of the total commute mode share in the City of Milpitas. Field observations indicate very light pedestrian traffic in the vicinity of the project site. For the proposed project, assuming one percent of total commute trips would be walking trips, approximately four pedestrian trips would occur during each of the AM and PM peak hours. The proposed project also would generate pedestrian trips to/from transit stops and for recreation.

Although few pedestrian trips are anticipated to and from the site, the City's General Plan policies encourage non-motorized travel, including walking, bicycling and transit. The nearest light rail station, the I-880/Milpitas LRT station on Tasman Drive, is located 0.25 miles from the project site. There is currently no continuous sidewalk connection between the site and the station due to a missing sidewalk link on Barber Lane between Alder Drive and the proposed sidewalk on the Barber Lane project frontage. Overall, the volume of pedestrian trips generated by the project is expected to be relatively low. The proposed project would include a sidewalk along the site frontages on Barber Lane and Sycamore Drive, which would constitute a fair share contribution toward the City's planned establishment of a comprehensive pedestrian circulation system. Therefore, the proposed project would have a less-than-significant impact related to pedestrian circulation.

Bicycles. Bicycle trips comprise less than one percent of the total commute mode share in the City of Milpitas. For the proposed project, this would equate to approximately four new bike trips during each of the AM and PM peak hours. The low volume of bicycle trips generated by the project would not exceed the bicycle-carrying capacity of streets surrounding the site, and the increase in bicycle trips would not by itself require new off-site bicycle facilities. According to the VTA Transportation Impact Analysis Technical Guidelines, a project would create an impact on pedestrian and bike circulation if: (1) it would reduce, sever or eliminate existing or planned bike/pedestrian access and

circulation in the area; (2) it would preclude, modify, or otherwise affect proposed bicycle and pedestrian projects and/or policies identified in the Lead Agency's adopted bicycle/pedestrian plan, or the plans of other agencies such as the Countywide Bicycle Plan or adjacent cities' bicycle/pedestrian plans; or (3) it would cause a change to existing bike paths such as alignment, width of the trail ROW, or length of the trail. Construction of the proposed project would not cause any of these criteria to be met. Consequently, the proposed project would not create an adverse impact to pedestrian or bicycle facilities in the area, and this impact would be less than significant.

The City's parking code does not specify bicycle parking requirements for industrial use. According to the VTA's Transportation Impact Analysis Technical Guidelines, a long-term bicycle parking requirement of one space per 15,000 square feet of building floor area is recommended for industrial uses. For office uses, a long-term bicycle parking requirement of 0.75 spaces per 6,000 square feet of building floor area and a short-term bicycle parking requirement of 0.25 spaces per 6,000 square feet of building floor area (minimum two spaces) are recommended. Therefore, 21 long-term and two short-term bicycle parking spaces are recommended. The current site plan indicates provisions for 12 long term bicycle parking spaces and 12 short term bicycle parking spaces.

Recommended Measure TRA-1: The project plans should be revised to provide a minimum of 21 long-term and two short-term on-site bicycle parking spaces to comply with the Valley Transportation Authority's Transportation Impact Analysis Technical Guidelines.

Transit. Transit trips comprise approximately three percent of the total commute mode share in the City of Milpitas. For the proposed project, assuming three percent of total commute trips would be transit trips, there would be approximately 11 transit trips during the AM and the PM peak hours. The low volume of transit trips generated by the project would not exceed the carrying capacity of the existing transit service to the site.

According to the VTA TIA Technical Guidelines, a project would create an impact on transit if: (1) it would generate a demand for additional transit services in excess of capacity; or (2) it would cause a permanent or temporary reduction of transit availability or interference with existing transit users, e.g., relocation/closure of a transit stop or removal of a roadway utilized by transit. The proposed project, by itself, would not require additional transit service to the area, nor would it preclude, modify or otherwise affect existing or proposed transit projects or policies identified by the VTA. The proposed project would improve access to transit by providing a sidewalk along the project frontage. Therefore, the proposed project would have a less-than-significant impact on transit service.

*b. Would the project conflict or be inconsistent with CEQA Guidelines §15064.3, subdivision (b)? **(Less-Than-Significant Impact)***

On September 27, 2013, California Governor Jerry Brown signed SB 743 into law and started a process that changed the way transportation impact analysis is conducted as part of CEQA compliance. These changes include elimination of automobile delay, level of service (LOS), and other similar measures of vehicular capacity or traffic congestion as a basis for determining significant

impacts under CEQA. According to SB 743, these changes are intended to "more appropriately balance the needs of congestion management with Statewide goals related to infill development, promotion of public health through active transportation, and reduction of greenhouse gas emissions."

In December 2018, the State Office of Planning and Research (OPR) completed an update to the CEQA Guidelines to implement the requirements of SB 743. The Guidelines state that VMT must be the metric used to determine significant transportation impacts. The Guidelines require all lead agencies in California to use VMT-based thresholds of significance in CEQA documents published after July 1, 2020.

VMT Screening. The concept of project screening is that some projects have characteristics that would readily lead to the conclusion that they would not cause a VMT impact, and therefore those projects could be screened out of doing a detailed VMT analysis. The City's Transportation Analysis Guidelines includes five different screening criteria for land use development projects.[55] The screening criteria applicable to the proposed project is the Small Projects criterion, which screens out projects that generate fewer than 110 daily trips. As shown in Table 4.N, the proposed project would generate 147 fewer trips than existing conditions (i.e., -147 net new trips), and therefore would satisfy the Small Projects criterion and is presumed to have a less-than-significant impact related to VMT.

c. Would the project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)? ***(Less Than Significant with Mitigation Incorporated)***

Site Access and Project Driveways. The proposed project would be accessed via four driveways, one along Barber Lane and three along Sycamore Drive. The three driveways along Sycamore Drive would be approximately 800, 500, and 250 feet west of the intersection of Barber Lane and Sycamore Drive, respectively, and the driveway on Barber Lane would be approximately 600 feet north of this intersection. It is anticipated that under project conditions, vehicles entering and existing the site driveways would experience minimal delays and vehicle queues would rarely exceed one or two vehicles. The spacing of the project driveways, and their locations relative to existing driveways, are acceptable given the relatively low traffic volumes at the nearby driveways. It is anticipated that left turn queues on Sycamore Drive and Barber Lane would rarely exceed one or two vehicles and delays would be brief.

The sight distance at the proposed driveway locations were observed in the field and determined to be adequate. However, final design of the proposed project could result in shorter sight distances. Mitigation Measure TRA-1, described below, would reduce this impact to a less-than-significant level.

Mitigation Measure TRA-1: Prior to the issuance of a building permit, the placement of any landscaping, monuments, signs, and on-street parking zones within the sight triangles of the site driveways shall be reviewed and

[55] Milpitas, City of. 2022. *Transportation Impact Analysis Guidelines.* March.

approved by Public Works staff to ensure that adequate sight distance is provided at each driveway.

Mitigation measure TRA-1 would require the sight triangles for project driveways to be reviewed and approved prior to final design, which would ensure that adequate corner sight distance is available and reduce the potential for hazards related to site design. Therefore, this impact would be less than significant.

On-Site Circulation. The internal circulation system includes one north-south drive aisle on the west side of the site, as well as two east-west drive aisles on the north and south sides of the site. The east-west drive aisle along the north side of the site is connected to the driveway on Barber Lane. Together, the three drive aisles form a U-shaped pattern that wraps around the north, west, and south sides of the building.

The on-site parking layout includes surface parking lots with perpendicular parking stalls located around the perimeter of the building adjacent to the three drive aisles. The two main drive aisles, and the driveways that connect to them, are 40 feet wide, which meets the City's standard for 90-degree parking. These two drive aisles would primarily serve trucks accessing the loading docks and parking on the north side of the building. The east-west parking aisle along the south side of the building, which can be accessed by the three driveways on Sycamore Drive, is 26 feet wide, which meets City parking aisle standards. A total of 228 parking spaces would be provided on-site, with 5 carpool and 23 EV parking spaces. Approximately 36 percent of the parking spaces (83 spaces) would be compact, which is within the maximum 40 percent allowable per City parking code. The dimensions of the parking spaces would be 9 feet by 18 feet for standard stalls and 7.5 feet by 15 feet for compact stalls, which meet the City parking standards.

The east-west drive aisle on the south side of the proposed building terminates at a dead end, which has insufficient space for vehicles to turnaround in the event there is no parking available in the aisle. This lack of turnaround space could result in hazardous conditions for vehicles attempting to turn around. Mitigation Measure TRA-2, described below, would ensure this impact would be reduced to a less-than-significant level.

Mitigation Measure TRA-2: Prior to the issuance of a building permit, the project sponsor shall revise the project plans to include sufficient turnaround space, as determined by Public Works staff, the for the east-west drive aisle on the south side of the proposed building.

Mitigation Measure TRA-2 would ensure that adequate turnaround space is provided for vehicles, which would reduce the potential for hazardous conditions on the south side of the proposed building. This impact would be less than significant.

The proposed project would include 40 loading docks and 52 parking stalls that are 10 feet by 55 feet, which would accommodate typical semi-trailer trucks. A garbage collection area is shown adjacent to the truck parking stalls opposite the loading docks. As shown on the site plan, trucks can enter the site from either Sycamore Drive or Barber Lane to load and unload at the loading docks and then exit the site via driveways to either road. Semi-trailer trucks and emergency vehicles could

be accommodated on-site as demonstrated from a truck turning template exhibit included in the project plans.

The site plan shows pedestrian pathways to the project from Barber Lane on the east side of the building. These pedestrian pathways would be connected to proposed sidewalks along the project frontages on Barber Lane and Sycamore Drive. A pedestrian pathway is also shown along the south side of the building in front of the main building entrance and parking area facing Sycamore Drive. However, no pedestrian pathways are shown to the building from the proposed sidewalks along the project frontage on Sycamore Drive. Pedestrian pathways are also not shown for parking stalls located on the west and north sides of the project site. The lack of pedestrian facilities would be a hazardous condition for pedestrians trying to access the proposed building. Implementation of Mitigation Measure TRA-3, described below, would ensure this impact would be reduced to a less-than-significant level.

Mitigation Measure TRA-3: The project sponsor shall revise the project plans to include pedestrian access pathways between the proposed building and the public sidewalks along the project frontages, as well as between on-site parking areas and building entrances. Public Works staff shall review and approve the pedestrian pathways prior to the issuance of a building permit.

Mitigation Measure TRA-3 would require incorporation of pedestrian pathways into the project plans, which would reduce potential hazards for pedestrians on the project site to a less-than-significant level.

d. Would the project result in inadequate emergency access? ***(Less-Than-Significant Impact)***

Emergency vehicle access to the project site would be provided from Sycamore Drive and Barber Lane. As previously discussed, emergency vehicles could be accommodated on-site as demonstrated from a truck turning template exhibit included in the project plans. The proposed project would not modify the existing roadway network such that it would result in a change in the access for emergency vehicles to or adjacent to the project site. Furthermore, access to, from, and on the site for emergency vehicles would be reviewed and approved by the Milpitas Fire Department prior to project construction. The proposed project would comply with all applicable codes and ordinance for emergency vehicle access, which would ensure adequate access to, from, and on-site for emergency vehicles.

4.18 TRIBAL CULTURAL RESOURCES

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
i. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)? Or	☐	☒	☐	☐
ii. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☒	☐	☐

a. Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

i. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)? Or

ii. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe. ***(Less Than Significant with Mitigation Incorporated)***

Assembly Bill 52 (AB 52), which became law on January 1, 2015, provides for consultation with California Native American tribes during the CEQA environmental review process, and equates significant impacts to "tribal cultural resources" with significant environmental impacts. Public Resources Code (PRC) Section 21074 states that "tribal cultural resources" are:

- Sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe and are one of the following:

- Included or determined to be eligible for inclusion in the California Register of Historical Resources.
- Included in a local register of historical resources as defined in subdivision (k) of PRC Section 5020.1.
- A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of PRC Section 5024.1. In applying the criteria set forth in subdivision (c) of PRC Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.

A "historical resource" (PRC Section 21084.1), a "unique archaeological resource" (PRC Section 21083.2(g)), or a "nonunique archaeological resource" (PRC Section 21083.2 (h)) may also be a tribal cultural resource if it is included or determined to be eligible for inclusion in the California Register.

The consultation provisions of the law require that a public agency consult with local Native American tribes that have requested placement on that agency's notification list for CEQA projects. Within 14 days of determining that a project application is complete, or a decision by a public agency to undertake a project, the lead agency must notify tribes of the opportunity to consult on the project, should a tribe have previously requested to be on the agency's notification list. California Native American tribes must be recognized by the California Native American Heritage Commission as traditionally and culturally affiliated with the project site, and must have previously requested that the lead agency notify them of projects. Tribes have 30 days following notification of a project to request consultation with the lead agency.

The purpose of consultation is to inform the lead agency in its identification and determination of the significance of tribal cultural resources. If a project is determined to result in a significant impact on an identified tribal cultural resource, the consultation process must occur and conclude prior to adoption of a Negative Declaration or Mitigated Negative Declaration, or certification of an Environmental Impact Report (PRC Sections 21080.3.1, 21080.3.2, 21082.3).

The City sent letters describing the project and maps depicting the project site via certified mail on November 3, 2022, to Native American contacts that had previously requested to be contacted by the City for potential consultation pursuant to AB 52. The City did not receive any requests for consultation during the 30-day notification period. Therefore, the City considers the AB 52 consultation process to be concluded.

As discussed in Section 4.5, Cultural Resources, of this Initial Study, the NWIC records search and the archaeological survey completed for the project did not identify evidence of Native American archaeological deposits or ancestral remains. The proposed project would have no impact on known tribal cultural resources that are listed or eligible for listing in the California Register of Historical Resources or a local register of historical resources, nor has the City identified a tribal cultural resource at the project site. With implementation of Mitigation Measure CUL-1, potential construction-period discovery of previously unidentified human remains, which may be of tribal origin, would be reduced to a less-than-significant level.

4.19 UTILITIES AND SERVICE SYSTEMS

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Require or result in the relocation or construction of new or expanded water, wastewater treatment or stormwater drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☒	☐
b. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	☐	☐	☒	☐
c. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☒	☐
d. Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐
e. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☒	☐

*a. Would the project require or result in the relocation or construction of new or expanded water, wastewater treatment or stormwater drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects? **(Less-Than-Significant Impact)***

The City maintains existing sanitary sewer lines within the vicinity of the project site, including a 18-inch line within Sycamore Drive and a 12-inch line within Barber Lane. The proposed project would connect to both of these lines via existing connections. The connections would be completed in conformance with City standards, and its construction would not cause significant environmental effects.

The City's potable water supply is provided by SFPUC and Valley Water. Under normal operating conditions, the City does not blend water from SFPUC and Valley Water and the project site is within the service area for Valley Water. City purchases are currently limited to surface water largely purchased by Valley Water from the State Water Project and Central Valley Project; however, Valley Water's overall water supply comes from a variety of sources. Nearly half of Valley Water's overall water supply comes from local groundwater aquifers and more than half is imported from the Sierra Nevada through pumping stations in the Sacramento-San Joaquin River Delta. The City's potable water system has 245 miles of water mains, 5 water tanks, 5 pump stations, 16 pressure regulating valves, an emergency supply well and emergency interties. The City also operates and maintains a recycled water system owned by the City of San José South Bay Water Recycling (SBWR) program.[56]

[56] Milpitas, City of, 2021. *The City of Milpitas 2020 Urban Water Management Plan*. July 1.

The City updated its Urban Water Management Plan (UWMP) in 2020, which was adopted in 2021. According to the UWMP, the annual water use in 2020 was 3,430 million gallons (MG). As discussed in Section 4.19.b, the proposed project would not substantially increase demand for water and would therefore not exceed the capacity of existing water treatment facilities. The proposed project would not require the construction of new water treatment facilities, or the expansion of existing facilities, other than those already planned as part of the City's Water Master Plan. The proposed project would include the installation of new water lines on the site that would connect to the existing 12-inch water mains within Sycamore Drive and Barber Lane. The proposed project would connect directly to existing mains, which have sufficient capacity to accommodate the proposed project. Therefore, the impact of the proposed project on water infrastructure would be less than significant.

The proposed storm drainage infrastructure would include catch basins and stormwater drains that connect to existing 6- to 15-inch storm drains. Additionally, landscaped bioretention basins would be located throughout the site. On-site drainage would be designed consistent with the Santa Clara County NPDES C.3 requirements for LID. Therefore, the impact of the proposed project on stormwater infrastructure would be less than significant.

The proposed building would include connections to the existing, electricity, and telecommunications lines that currently run through the project site.

Therefore, because the proposed project would connect to existing utility services within or adjacent to the project site, the relocation or reconstruction of new or expanded water, wastewater treatment or stormwater drainage, electric power, or telecommunications facilities would not be required, and this impact would be less than significant.

b. Would the project have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years? ***(Less-Than-Significant Impact)***

As noted above, the City provides water to the project site. Currently, the source of domestic water used in Milpitas includes the SFPUC and Valley Water. SFPUC water is primarily used for residential areas in the city and the Valley Water supply is used to supply industrial areas, including the project site. Water from SFPUC is primarily from the Hetch Hetchy watershed located in the Sierra Nevada mountains. Water from Valley Water is primarily from the Sacramento-San Joaquin Delta watershed via the South Bay Aqueduct, Dyer Reservoir, Lake Del Valle and San Luis reservoir. The City's 2020 UWMP describes the existing and planned sources of water available in the water system service area over the next 20 years, in 5-year increments.[57]

In 2018, the Water Board adopted amendments to the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary (Bay-Delta Plan Amendment) to establish water quality objectives with the goal of increasing salmonid populations in three San Joaquin River tributaries and the Bay-Delta. Implementation of the Bay-Delta Plan would significantly affect water supplies for SFPUC and therefore the City. The SWRCB has stated that it intends to implement the

[57] Ibid.

Bay-Delta Plan Amendment on the Tuolumne River by the year 2022, assuming all required approvals are obtained. However, implementation of the plan is uncertain for several reasons, including lawsuits and litigation, unclear responsibility, and impacts of other policies and permits. Due to the level of uncertainty surrounding the Bay-Delta Plan, the City's UWMP presents information for water supply reliability assuming the Bay Delta Plan Amendment is implemented.

The UWMP indicates that existing water supply entitlements are sufficient meet the City's projected demands through 2045 during a normal year. However, the UWMP indicates that the City would experience significant water supply cutbacks during a single dry year and multiple dry years from SFPUC due to the implementation of the Bay-Delta Plan Amendment. These shortfalls would invoke the City's Water Shortage Contingency Plan (WSCP)[58] which identifies a variety of shortage response actions including demand reduction, supply augmentation, operational changes, and mandatory restrictions. Additionally, the City is working to identify alternate supplies to minimize the need for imported SFPUC water. Due to the uncertainty of the implementation of the Bay-Delta Plan Amendment, the UWMP indicates that updated information should be obtained from the City prior to making decisions based on water supply and demand values included in the UWMP. Impacts related to new or expanded water supply facilities cannot be identified at this time or implemented in the near term; instead, SFPUC and the City would address supply shortfalls through increased rationing, which could result in significant cumulative effects, but the project would not make a considerable contribution to impacts from increased rationing.

The UWMP, which identifies water system improvements necessary to meet future water demand, did not identify any deficiencies in the vicinity of the project site. The existing water system infrastructure has adequate capacity to serve the proposed project and the project is consistent with the City's General Plan land use designation and does not represent unplanned growth given that the project site would be developed consistent with its land use and zoning designations. In addition, the proposed project would be required to use recycled water to the maximum extent feasible and coordinate with the City of Milpitas Fire Department to assess fire flow requirements and comply with them as part of the project. Based on the above, the City would have sufficient water supply to support the proposed project and implementation of the project would not require new or expanded entitlements for water supplies, and impacts related to water supply would be less than significant.

c. Would the project result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments? ***(Less-Than-Significant Impact)***

The City owns and operates its municipal wastewater collection system consisting of 175 miles of gravity pipe and 5 miles of force main. The system also includes two pump stations: the Venus Station which lifts wastewater from the low-lying Pines neighborhood and the Main Sewer Pump Station which pumps all City sewage through dual 2.5 mile force mains to the San José/Santa Clara Pollution Control Plant (WPCP) located in San José at 700 Los Esteros Road for treatment.[59] The

58 Milpitas, City of, 2021. 2020 *Water Shortage Contingency Plan.* July 1.

59 Milpitas, City of, 2016. *Sewer System Management Plan 2016 Update*. June.

WPCP treats an average of 110 million gallons of wastewater per day (mgd), about 65 percent of its 167 mgd capacity, which includes service to the project site.[60]

The proposed project would generate domestic wastewater associated with sinks and toilets to serve the employees at the proposed project, treated by the WPCP. Planned growth under the General Plan would increase the collection and treatment of wastewater. The project is consistent with the City's General Plan land use designation and does not represent unplanned growth given that the project site would be developed consistent with its land use and zoning designations. Furthermore, the WPCP is currently treating an average of 65 percent of its maximum capacity on a daily basis; therefore, the City has sufficient capacity to serve the proposed project. Additionally, the City requires project applicants to complete sewer system modeling to demonstrate adequate conveyance capacity based on the current discharge allocation, and this would need to be completed prior to project approval. Therefore, wastewater generated from the proposed project would not cause the WPCP to violate any wastewater treatment requirements and this impact would be less than significant.

d. Would the project generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals? ***(Less-Than-Significant Impact)***

Solid waste and recycling pickup and disposal in the City is provided by Republic Services. The solid waste is disposed of at the Newby Island Landfill which is located approximately 3 miles north of the project site on Dixon Landing Road. The facility processes recycled materials, operates a construction and demolition material processing facility, and includes a landfill that accepts industrial wastes, grit, screenings, wastewater treatment sludge, contaminated soils, clean soils, and municipal solid waste.[61] The Newby Island Landfill has a capacity of 57.5 million cubic yards and a remaining capacity of 16.4 million cubic yards, and can accept 4,000 tons per day. The landfill has an anticipated ceased operation date of January 1, 2041.[62]

Based on a generation rate of 8.93 pounds per employee per day[63] the project would generate approximately 1,786 pounds of solid waste per day or about 326 tons of solid waste per year. Given the available capacity at the Newby Island Landfill, the additional solid waste generated by the proposed project is not anticipated to cause the facility to exceed its daily permitted capacity. As such, the project would be served by a landfill with sufficient capacity to accommodate the project's

60 San José, City of, 2016. *San* José *-Santa Clara Regional Wastewater Facility Fact Sheet*. Website: https://www.sanjoseca.gov/home/showdocument?id=32061 (accessed August 2022). April 25.

61 Republic Services, 2017. *Newby Island Resource Recovery Park*. Website: https://www.republicservices.com/municipality/newby-island (accessed August 2022).

62 CalRecycle. *SWIS Facility Detail. Newby Island Sanitary Landfill (43-AN-0003).* Website: https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/1362?siteID=3388 (accessed August 2022).

63 California Department of Resources Recycling and Recovery (CalRecycle). *Estimated Solid Waste Generation Rates*. https://www2.calrecycle.ca.gov/wastecharacterization/general/rates (accessed September 2022).

waste disposal needs, and impacts associated with the disposition of solid waste would be less than significant.

e. Would the project comply with federal, state, and local management and reduction statutes and regulations related to solid waste? ***(Less-Than-Significant Impact)***

The proposed project would comply with all federal, State, and local solid waste statutes and/or regulations related to solid waste. Also refer to Section 4.19.d. The proposed project would result in a less-than-significant impact related to solid waste regulations.

4.20 WILDFIRE

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a. Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☐	☒
c. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☐	☒
d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	☒

a. Would the project substantially impair an adopted emergency response plan or emergency evacuation plan? ***(No Impact)***

The project site is not located within any State responsibility areas (SRA) for fire service,[64] and is not within a very high fire hazard severity zone.[65] In addition, as described in Section 4.9.f, the proposed project would not impair the implementation of, or physically interfere with, and adopted emergency response plan. Therefore, there would be no impact.

b. Would the project, due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire? ***(No Impact)***

Refer to Section 4.20.a. Additionally, as noted in Section 2.0, Project Description, the project site is generally level and is bound by existing development on all sides. Therefore, the proposed project would not exacerbate wildfire risks and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire, and there would be no impact.

[64] California Department of Forestry and Fire Protection. *Fire Hazard Severity Zone Viewer*. Available online at: https://egis.fire.ca.gov/FHSZ/ (accessed August 2022).

[65] Milpitas, City of, 2020, op. cit.

c. Would the project require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment? ***(No Impact)***

Refer to Section 4.20.a. The proposed project is not located within an SRA for fire service and is not within a very high fire hazard severity zone. Therefore, the proposed project would not require the installation or maintenance of associated infrastructure, and there would be no impact.

d. Would the project expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes? ***(No Impact)***

Refer to Section 4.20.a and 4.20.b. The project site is generally level and is not located within an SRA for fire service or a very high fire hazard severity zone. Therefore, the proposed project would not expose people or structures to significant risks as a result of post-fire slope instability or drainage and runoff changes and there would be no impact.

4.21 MANDATORY FINDINGS OF SIGNIFICANCE

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐
b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	☐	☒	☐	☐
c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☐	☐	☒

a. Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory? ***(Less Than Significant with Mitigation Incorporated)***

Implementation of Mitigation Measures CUL-1 and GEO-1 would ensure that potential impacts to historic, archaeological, tribal and paleontological resources that could be uncovered during construction activities would be reduced to a less-than-significant level. Implementation of Mitigation Measure BIO-1 would ensure that potential impacts to nesting birds are reduced to a less-than-significant level. Therefore, with the incorporation of mitigation measures, development of the proposed project would not: 1) degrade the quality of the environment; 2) substantially reduce the habitat of a fish or wildlife species; 3) cause a fish or wildlife species population to drop below self-sustaining levels; 4) threaten to eliminate a plant or animal community; 5) reduce the number or restrict the range of a rare or endangered plant or animal; or 6) eliminate important examples of the major periods of California history.

b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)? ***(Less Than Significant with Mitigation Incorporated)***

The proposed project's impacts would be individually limited and not cumulatively considerable. The potentially significant impacts that can be reduced to a less-than-significant level with implementation of recommended mitigation measures include the topics of aesthetics, air quality, biological resources, cultural resources, geology and soils, hazards and hazardous materials, and hydrology and water quality, and noise. These impacts would primarily be related to construction-period activities, would be temporary in nature, and would not substantially contribute to any potential cumulative impacts associated with these topics. For the topic of aesthetics, potentially significant light and glare impacts would be reduced to less-than-significant levels with implementation of Mitigation Measure AES-1. For the topic of air quality, potentially significant impacts to air quality standards associated with project construction would be reduced to less-than-significant levels with implementation of Mitigation Measures AIR-1 and AIR-2. For the topic of biological resources, implementation of Mitigation Measure BIO-1 would ensure that impacts to special status-species are reduced to a less-than-significant level. For the topic of cultural resources, potentially significant impacts to archaeological and tribal cultural resources would be reduced to less-than-significant levels with implementation of Mitigation Measure CUL-1. For the topic of geology and soils, potentially significant impacts related to paleontological resources would be reduced to less-than-significant levels with implementation of Mitigation Measure GEO-1. For the topic of hazards and hazardous materials, implementation of Mitigation Measure HAZ-1 would ensure that potential impacts associated with the release of hazardous materials, which could in turn degrade the quality of the environment, would be reduced to a less-than-significant level. For the topic of hydrology and water quality, implementation of Mitigation Measures HYD-1 and HYD-2 would ensure that potential water quality impacts are reduced to a less-than-significant level. For the topic of transportation, potentially significant impacts related to site access and circulation would be reduced to a less-than-significant impact with implementation of Mitigation Measures TRA-1 through TRA-3.

For the topics of agricultural and forestry resources, energy, greenhouse gas emissions, land use and planning, mineral resources, noise, population and housing, public services, recreation, utilities and service systems, and wildfire, the project would have no impacts or less-than-significant impacts, and therefore, the project would not substantially contribute to any potential cumulative impacts for these topics. All environmental impacts that could occur as a result of the proposed project would be reduced to a less-than-significant level through the implementation of the mitigation measures recommended in this document.

Implementation of these measures would ensure that the impacts of the project would be below established thresholds of significance and that these impacts would not combine with the impacts of other cumulative projects to result in a cumulatively considerable impact on the environment as a result of project development. Therefore, this impact would be less than significant.

c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? ***(No Impact)***

The proposed project would not result in any environmental effects that would cause substantial direct or indirect adverse effects to human beings.

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APPENDIX A

CALEEMOD OUTPUT SHEETS

475 Sycamore Drive Project - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

475 Sycamore Drive Project

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	293.42	1000sqft	10.50	293,422.00	0
Parking Lot	228.00	Space	3.53	91,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Total project site is 14.03 acres

Construction Phase - Constrcution would start in Spring 2023 and last for approximately 12 months.

Off-road Equipment - Default

Demolition - Demolition of 3 commercial buildings

Grading - Project will require 3,800 cubic yards of soil export

Vehicle Trips - The project would result in a net decrease of 147 trips from existing conditions, no new trips would be generated.

Construction Off-road Equipment Mitigation - Water exposed area twice, tier 2 construction equipment, and reduced vehicle speed

Fleet Mix - Default fleet mix

475 Sycamore Drive Project - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2

475 Sycamore Drive Project - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	300.00	215.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	30.00	10.00
tblConstructionPhase	NumDays	20.00	10.00
tblGrading	MaterialExported	0.00	3,800.00
tblLandUse	LandUseSquareFeet	293,420.00	293,422.00
tblLandUse	LotAcreage	6.74	10.50
tblLandUse	LotAcreage	2.05	3.53
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	1.74	0.00

2.0 Emissions Summary

475 Sycamore Drive Project - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.2231	2.0491	2.1702	5.5100e-003	0.4085	0.0831	0.4916	0.1278	0.0779	0.2057	0.0000	498.5056	498.5056	0.0743	0.0244	507.6454
2024	1.6032	0.4254	0.5463	1.2700e-003	0.0401	0.0170	0.0571	0.0109	0.0159	0.0268	0.0000	113.9040	113.9040	0.0169	4.6800e-003	115.7200
Maximum	**1.6032**	**2.0491**	**2.1702**	**5.5100e-003**	**0.4085**	**0.0831**	**0.4916**	**0.1278**	**0.0779**	**0.2057**	**0.0000**	**498.5056**	**498.5056**	**0.0743**	**0.0244**	**507.6454**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.1589	3.0270	2.4134	5.5100e-003	0.2709	0.0978	0.3687	0.0812	0.0976	0.1788	0.0000	498.5053	498.5053	0.0743	0.0244	507.6451
2024	1.5938	0.7115	0.5982	1.2700e-003	0.0401	0.0247	0.0648	0.0109	0.0246	0.0355	0.0000	113.9039	113.9039	0.0169	4.6800e-003	115.7200
Maximum	**1.5938**	**3.0270**	**2.4134**	**5.5100e-003**	**0.2709**	**0.0978**	**0.3687**	**0.0812**	**0.0976**	**0.1788**	**0.0000**	**498.5053**	**498.5053**	**0.0743**	**0.0244**	**507.6451**

475 Sycamore Drive Project - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.03**	**-51.08**	**-10.86**	**0.00**	**30.67**	**-22.31**	**21.00**	**33.63**	**-30.33**	**7.83**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**3-20-2023**	**6-19-2023**	0.8344	1.1223
2	**6-20-2023**	**9-19-2023**	0.6379	0.9231
3	**9-20-2023**	**12-19-2023**	0.6374	0.9194
4	**12-20-2023**	**3-19-2024**	0.7596	1.0545
5	**3-20-2024**	**6-19-2024**	1.1119	1.1157
		Highest	1.1119	1.1223

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.3072	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3200e-003	9.3200e-003	2.0000e-005	0.0000	9.9300e-003
Energy	5.4400e-003	0.0495	0.0416	3.0000e-004		3.7600e-003	3.7600e-003		3.7600e-003	3.7600e-003	0.0000	151.8371	151.8371	0.0169	2.9100e-003	153.1259
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	55.9869	0.0000	55.9869	3.3087	0.0000	138.7053
Water						0.0000	0.0000		0.0000	0.0000	21.5268	33.9705	55.4973	2.2165	0.0529	126.6658
Total	**1.3126**	**0.0495**	**0.0463**	**3.0000e-004**	**0.0000**	**3.7800e-003**	**3.7800e-003**	**0.0000**	**3.7800e-003**	**3.7800e-003**	**77.5137**	**185.8169**	**263.3306**	**5.5421**	**0.0558**	**418.5070**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.3072	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3200e-003	9.3200e-003	2.0000e-005	0.0000	9.9300e-003
Energy	5.4400e-003	0.0495	0.0416	3.0000e-004		3.7600e-003	3.7600e-003		3.7600e-003	3.7600e-003	0.0000	151.8371	151.8371	0.0169	2.9100e-003	153.1259
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	55.9869	0.0000	55.9869	3.3087	0.0000	138.7053
Water						0.0000	0.0000		0.0000	0.0000	21.5268	33.9705	55.4973	2.2165	0.0529	126.6658
Total	**1.3126**	**0.0495**	**0.0463**	**3.0000e-004**	**0.0000**	**3.7800e-003**	**3.7800e-003**	**0.0000**	**3.7800e-003**	**3.7800e-003**	**77.5137**	**185.8169**	**263.3306**	**5.5421**	**0.0558**	**418.5070**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/20/2023	4/7/2023	5	15	
2	Site Preparation	Site Preparation	4/10/2023	4/21/2023	5	10	
3	Grading	Grading	4/24/2023	5/5/2023	5	10	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Building Construction	Building Construction	5/8/2023	3/1/2024	5	215	
5	Paving	Paving	3/4/2024	3/15/2024	5	10	
6	Architectural Coating	Architectural Coating	3/18/2024	3/29/2024	5	10	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 30

Acres of Paving: 3.53

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 440,133; Non-Residential Outdoor: 146,711; Striped Parking Area: 5,472 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	978.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	376.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	162.00	63.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	32.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1058	0.0000	0.1058	0.0160	0.0000	0.0160	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1611	0.1473	2.9000e-004		7.4800e-003	7.4800e-003		6.9600e-003	6.9600e-003	0.0000	25.4941	25.4941	7.1400e-003	0.0000	25.6726
Total	**0.0170**	**0.1611**	**0.1473**	**2.9000e-004**	**0.1058**	**7.4800e-003**	**0.1133**	**0.0160**	**6.9600e-003**	**0.0230**	**0.0000**	**25.4941**	**25.4941**	**7.1400e-003**	**0.0000**	**25.6726**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0200e-003	0.0665	0.0154	3.0000e-004	8.3000e-003	5.4000e-004	8.8400e-003	2.2800e-003	5.1000e-004	2.8000e-003	0.0000	29.2839	29.2839	1.0000e-003	4.6400e-003	30.6924
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	2.0000e-004	2.5100e-003	1.0000e-005	8.9000e-004	0.0000	9.0000e-004	2.4000e-004	0.0000	2.4000e-004	0.0000	0.6793	0.6793	2.0000e-005	2.0000e-005	0.6854
Total	**1.3000e-003**	**0.0667**	**0.0179**	**3.1000e-004**	**9.1900e-003**	**5.4000e-004**	**9.7400e-003**	**2.5200e-003**	**5.1000e-004**	**3.0400e-003**	**0.0000**	**29.9632**	**29.9632**	**1.0200e-003**	**4.6600e-003**	**31.3778**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0476	0.0000	0.0476	7.2100e-003	0.0000	7.2100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.4600e-003	0.2450	0.1851	2.9000e-004		6.8500e-003	6.8500e-003		6.8500e-003	6.8500e-003	0.0000	25.4940	25.4940	7.1400e-003	0.0000	25.6725
Total	**9.4600e-003**	**0.2450**	**0.1851**	**2.9000e-004**	**0.0476**	**6.8500e-003**	**0.0545**	**7.2100e-003**	**6.8500e-003**	**0.0141**	**0.0000**	**25.4940**	**25.4940**	**7.1400e-003**	**0.0000**	**25.6725**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0200e-003	0.0665	0.0154	3.0000e-004	8.3000e-003	5.4000e-004	8.8400e-003	2.2800e-003	5.1000e-004	2.8000e-003	0.0000	29.2839	29.2839	1.0000e-003	4.6400e-003	30.6924
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	2.0000e-004	2.5100e-003	1.0000e-005	8.9000e-004	0.0000	9.0000e-004	2.4000e-004	0.0000	2.4000e-004	0.0000	0.6793	0.6793	2.0000e-005	2.0000e-005	0.6854
Total	**1.3000e-003**	**0.0667**	**0.0179**	**3.1000e-004**	**9.1900e-003**	**5.4000e-004**	**9.7400e-003**	**2.5200e-003**	**5.1000e-004**	**3.0400e-003**	**0.0000**	**29.9632**	**29.9632**	**1.0200e-003**	**4.6600e-003**	**31.3778**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0983	0.0000	0.0983	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1376	0.0912	1.9000e-004		6.3300e-003	6.3300e-003		5.8200e-003	5.8200e-003	0.0000	16.7254	16.7254	5.4100e-003	0.0000	16.8606
Total	**0.0133**	**0.1376**	**0.0912**	**1.9000e-004**	**0.0983**	**6.3300e-003**	**0.1046**	**0.0505**	**5.8200e-003**	**0.0563**	**0.0000**	**16.7254**	**16.7254**	**5.4100e-003**	**0.0000**	**16.8606**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.6000e-004	2.0100e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5434	0.5434	2.0000e-005	2.0000e-005	0.5483
Total	**2.2000e-004**	**1.6000e-004**	**2.0100e-003**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.5434**	**0.5434**	**2.0000e-005**	**2.0000e-005**	**0.5483**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0442	0.0000	0.0442	0.0227	0.0000	0.0227	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0500e-003	0.1686	0.1148	1.9000e-004		4.7300e-003	4.7300e-003		4.7300e-003	4.7300e-003	0.0000	16.7253	16.7253	5.4100e-003	0.0000	16.8606
Total	**6.0500e-003**	**0.1686**	**0.1148**	**1.9000e-004**	**0.0442**	**4.7300e-003**	**0.0490**	**0.0227**	**4.7300e-003**	**0.0275**	**0.0000**	**16.7253**	**16.7253**	**5.4100e-003**	**0.0000**	**16.8606**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.6000e-004	2.0100e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5434	0.5434	2.0000e-005	2.0000e-005	0.5483
Total	**2.2000e-004**	**1.6000e-004**	**2.0100e-003**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.5434**	**0.5434**	**2.0000e-005**	**2.0000e-005**	**0.5483**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0460	0.0000	0.0460	0.0183	0.0000	0.0183	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0166	0.1726	0.1403	3.1000e-004		7.1200e-003	7.1200e-003		6.5500e-003	6.5500e-003	0.0000	27.2676	27.2676	8.8200e-003	0.0000	27.4881
Total	**0.0166**	**0.1726**	**0.1403**	**3.1000e-004**	**0.0460**	**7.1200e-003**	**0.0531**	**0.0183**	**6.5500e-003**	**0.0248**	**0.0000**	**27.2676**	**27.2676**	**8.8200e-003**	**0.0000**	**27.4881**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.9000e-004	0.0256	5.9300e-003	1.1000e-004	3.1900e-003	2.1000e-004	3.4000e-003	8.8000e-004	2.0000e-004	1.0800e-003	0.0000	11.2584	11.2584	3.8000e-004	1.7800e-003	11.7999
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5000e-004	1.7000e-004	2.2300e-003	1.0000e-005	7.9000e-004	0.0000	8.0000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.6038	0.6038	2.0000e-005	2.0000e-005	0.6092
Total	**6.4000e-004**	**0.0257**	**8.1600e-003**	**1.2000e-004**	**3.9800e-003**	**2.1000e-004**	**4.2000e-003**	**1.0900e-003**	**2.0000e-004**	**1.2900e-003**	**0.0000**	**11.8622**	**11.8622**	**4.0000e-004**	**1.8000e-003**	**12.4092**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0207	0.0000	0.0207	8.2200e-003	0.0000	8.2200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0500e-003	0.2562	0.1836	3.1000e-004		6.6700e-003	6.6700e-003		6.6700e-003	6.6700e-003	0.0000	27.2676	27.2676	8.8200e-003	0.0000	27.4880
Total	**9.0500e-003**	**0.2562**	**0.1836**	**3.1000e-004**	**0.0207**	**6.6700e-003**	**0.0274**	**8.2200e-003**	**6.6700e-003**	**0.0149**	**0.0000**	**27.2676**	**27.2676**	**8.8200e-003**	**0.0000**	**27.4880**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.9000e-004	0.0256	5.9300e-003	1.1000e-004	3.1900e-003	2.1000e-004	3.4000e-003	8.8000e-004	2.0000e-004	1.0800e-003	0.0000	11.2584	11.2584	3.8000e-004	1.7800e-003	11.7999
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5000e-004	1.7000e-004	2.2300e-003	1.0000e-005	7.9000e-004	0.0000	8.0000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.6038	0.6038	2.0000e-005	2.0000e-005	0.6092
Total	**6.4000e-004**	**0.0257**	**8.1600e-003**	**1.2000e-004**	**3.9800e-003**	**2.1000e-004**	**4.2000e-003**	**1.0900e-003**	**2.0000e-004**	**1.2900e-003**	**0.0000**	**11.8622**	**11.8622**	**4.0000e-004**	**1.8000e-003**	**12.4092**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1337	1.2227	1.3807	2.2900e-003		0.0595	0.0595		0.0560	0.0560	0.0000	197.0340	197.0340	0.0469	0.0000	198.2058
Total	**0.1337**	**1.2227**	**1.3807**	**2.2900e-003**		**0.0595**	**0.0595**		**0.0560**	**0.0560**	**0.0000**	**197.0340**	**197.0340**	**0.0469**	**0.0000**	**198.2058**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.8800e-003	0.2386	0.0752	1.0900e-003	0.0352	1.4000e-003	0.0367	0.0102	1.3400e-003	0.0115	0.0000	106.4737	106.4737	2.2400e-003	0.0156	111.1910
Worker	0.0344	0.0240	0.3074	9.1000e-004	0.1092	5.4000e-004	0.1098	0.0291	5.0000e-004	0.0295	0.0000	83.1421	83.1421	2.4000e-003	2.3200e-003	83.8921
Total	**0.0403**	**0.2625**	**0.3825**	**2.0000e-003**	**0.1445**	**1.9400e-003**	**0.1464**	**0.0392**	**1.8400e-003**	**0.0411**	**0.0000**	**189.6158**	**189.6158**	**4.6400e-003**	**0.0180**	**195.0831**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0919	2.0021	1.5193	2.2900e-003		0.0768	0.0768		0.0768	0.0768	0.0000	197.0338	197.0338	0.0469	0.0000	198.2056
Total	**0.0919**	**2.0021**	**1.5193**	**2.2900e-003**		**0.0768**	**0.0768**		**0.0768**	**0.0768**	**0.0000**	**197.0338**	**197.0338**	**0.0469**	**0.0000**	**198.2056**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.8800e-003	0.2386	0.0752	1.0900e-003	0.0352	1.4000e-003	0.0367	0.0102	1.3400e-003	0.0115	0.0000	106.4737	106.4737	2.2400e-003	0.0156	111.1910
Worker	0.0344	0.0240	0.3074	9.1000e-004	0.1092	5.4000e-004	0.1098	0.0291	5.0000e-004	0.0295	0.0000	83.1421	83.1421	2.4000e-003	2.3200e-003	83.8921
Total	**0.0403**	**0.2625**	**0.3825**	**2.0000e-003**	**0.1445**	**1.9400e-003**	**0.1464**	**0.0392**	**1.8400e-003**	**0.0411**	**0.0000**	**189.6158**	**189.6158**	**4.6400e-003**	**0.0180**	**195.0831**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0331	0.3025	0.3638	6.1000e-004		0.0138	0.0138		0.0130	0.0130	0.0000	52.1661	52.1661	0.0123	0.0000	52.4744
Total	**0.0331**	**0.3025**	**0.3638**	**6.1000e-004**		**0.0138**	**0.0138**		**0.0130**	**0.0130**	**0.0000**	**52.1661**	**52.1661**	**0.0123**	**0.0000**	**52.4744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5100e-003	0.0632	0.0195	2.9000e-004	9.3300e-003	3.7000e-004	9.7000e-003	2.7000e-003	3.6000e-004	3.0600e-003	0.0000	27.7697	27.7697	5.9000e-004	4.0700e-003	28.9979
Worker	8.5400e-003	5.6700e-003	0.0759	2.3000e-004	0.0289	1.4000e-004	0.0291	7.6900e-003	1.3000e-004	7.8100e-003	0.0000	21.3048	21.3048	5.8000e-004	5.7000e-004	21.4896
Total	**0.0101**	**0.0688**	**0.0955**	**5.2000e-004**	**0.0382**	**5.1000e-004**	**0.0388**	**0.0104**	**4.9000e-004**	**0.0109**	**0.0000**	**49.0745**	**49.0745**	**1.1700e-003**	**4.6400e-003**	**50.4875**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0243	0.5300	0.4022	6.1000e-004		0.0203	0.0203		0.0203	0.0203	0.0000	52.1660	52.1660	0.0123	0.0000	52.4744
Total	**0.0243**	**0.5300**	**0.4022**	**6.1000e-004**		**0.0203**	**0.0203**		**0.0203**	**0.0203**	**0.0000**	**52.1660**	**52.1660**	**0.0123**	**0.0000**	**52.4744**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5100e-003	0.0632	0.0195	2.9000e-004	9.3300e-003	3.7000e-004	9.7000e-003	2.7000e-003	3.6000e-004	3.0600e-003	0.0000	27.7697	27.7697	5.9000e-004	4.0700e-003	28.9979
Worker	8.5400e-003	5.6700e-003	0.0759	2.3000e-004	0.0289	1.4000e-004	0.0291	7.6900e-003	1.3000e-004	7.8100e-003	0.0000	21.3048	21.3048	5.8000e-004	5.7000e-004	21.4896
Total	**0.0101**	**0.0688**	**0.0955**	**5.2000e-004**	**0.0382**	**5.1000e-004**	**0.0388**	**0.0104**	**4.9000e-004**	**0.0109**	**0.0000**	**49.0745**	**49.0745**	**1.1700e-003**	**4.6400e-003**	**50.4875**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.9400e-003	0.0476	0.0731	1.1000e-004		2.3400e-003	2.3400e-003		2.1600e-003	2.1600e-003	0.0000	10.0133	10.0133	3.2400e-003	0.0000	10.0942
Paving	4.6200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.5600e-003**	**0.0476**	**0.0731**	**1.1000e-004**		**2.3400e-003**	**2.3400e-003**		**2.1600e-003**	**2.1600e-003**	**0.0000**	**10.0133**	**10.0133**	**3.2400e-003**	**0.0000**	**10.0942**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.2000e-004	1.5600e-003	0.0000	5.9000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4384	0.4384	1.0000e-005	1.0000e-005	0.4422
Total	**1.8000e-004**	**1.2000e-004**	**1.5600e-003**	**0.0000**	**5.9000e-004**	**0.0000**	**6.0000e-004**	**1.6000e-004**	**0.0000**	**1.6000e-004**	**0.0000**	**0.4384**	**0.4384**	**1.0000e-005**	**1.0000e-005**	**0.4422**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.6600e-003	0.1006	0.0865	1.1000e-004		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003	0.0000	10.0133	10.0133	3.2400e-003	0.0000	10.0942
Paving	4.6200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.2800e-003**	**0.1006**	**0.0865**	**1.1000e-004**		**3.3300e-003**	**3.3300e-003**		**3.3300e-003**	**3.3300e-003**	**0.0000**	**10.0133**	**10.0133**	**3.2400e-003**	**0.0000**	**10.0942**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.2000e-004	1.5600e-003	0.0000	5.9000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4384	0.4384	1.0000e-005	1.0000e-005	0.4422
Total	**1.8000e-004**	**1.2000e-004**	**1.5600e-003**	**0.0000**	**5.9000e-004**	**0.0000**	**6.0000e-004**	**1.6000e-004**	**0.0000**	**1.6000e-004**	**0.0000**	**0.4384**	**0.4384**	**1.0000e-005**	**1.0000e-005**	**0.4422**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.5490					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0000e-004	6.0900e-003	9.0500e-003	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	1.2766	1.2766	7.0000e-005	0.0000	1.2784
Total	**1.5499**	**6.0900e-003**	**9.0500e-003**	**1.0000e-005**		**3.0000e-004**	**3.0000e-004**		**3.0000e-004**	**3.0000e-004**	**0.0000**	**1.2766**	**1.2766**	**7.0000e-005**	**0.0000**	**1.2784**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.5000e-004	3.3300e-003	1.0000e-005	1.2700e-003	1.0000e-005	1.2700e-003	3.4000e-004	1.0000e-005	3.4000e-004	0.0000	0.9352	0.9352	3.0000e-005	3.0000e-005	0.9433
Total	**3.7000e-004**	**2.5000e-004**	**3.3300e-003**	**1.0000e-005**	**1.2700e-003**	**1.0000e-005**	**1.2700e-003**	**3.4000e-004**	**1.0000e-005**	**3.4000e-004**	**0.0000**	**0.9352**	**0.9352**	**3.0000e-005**	**3.0000e-005**	**0.9433**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.5490					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.7000e-004	0.0118	9.1600e-003	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	1.2766	1.2766	7.0000e-005	0.0000	1.2784
Total	**1.5496**	**0.0118**	**9.1600e-003**	**1.0000e-005**		**4.8000e-004**	**4.8000e-004**		**4.8000e-004**	**4.8000e-004**	**0.0000**	**1.2766**	**1.2766**	**7.0000e-005**	**0.0000**	**1.2784**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.5000e-004	3.3300e-003	1.0000e-005	1.2700e-003	1.0000e-005	1.2700e-003	3.4000e-004	1.0000e-005	3.4000e-004	0.0000	0.9352	0.9352	3.0000e-005	3.0000e-005	0.9433
Total	**3.7000e-004**	**2.5000e-004**	**3.3300e-003**	**1.0000e-005**	**1.2700e-003**	**1.0000e-005**	**1.2700e-003**	**3.4000e-004**	**1.0000e-005**	**3.4000e-004**	**0.0000**	**0.9352**	**0.9352**	**3.0000e-005**	**3.0000e-005**	**0.9433**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Parking Lot	0.572464	0.055653	0.187060	0.115672	0.020329	0.005102	0.007934	0.006404	0.000900	0.000380	0.024412	0.000914	0.002776
Unrefrigerated Warehouse-No Rail	0.572464	0.055653	0.187060	0.115672	0.020329	0.005102	0.007934	0.006404	0.000900	0.000380	0.024412	0.000914	0.002776

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	97.9731	97.9731	0.0159	1.9200e-003	98.9419
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	97.9731	97.9731	0.0159	1.9200e-003	98.9419
NaturalGas Mitigated	5.4400e-003	0.0495	0.0416	3.0000e-004		3.7600e-003	3.7600e-003		3.7600e-003	3.7600e-003	0.0000	53.8639	53.8639	1.0300e-003	9.9000e-004	54.1840
NaturalGas Unmitigated	5.4400e-003	0.0495	0.0416	3.0000e-004		3.7600e-003	3.7600e-003		3.7600e-003	3.7600e-003	0.0000	53.8639	53.8639	1.0300e-003	9.9000e-004	54.1840

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1.00937e+006	5.4400e-003	0.0495	0.0416	3.0000e-004		3.7600e-003	3.7600e-003		3.7600e-003	3.7600e-003	0.0000	53.8639	53.8639	1.0300e-003	9.9000e-004	54.1840
Total		**5.4400e-003**	**0.0495**	**0.0416**	**3.0000e-004**		**3.7600e-003**	**3.7600e-003**		**3.7600e-003**	**3.7600e-003**	**0.0000**	**53.8639**	**53.8639**	**1.0300e-003**	**9.9000e-004**	**54.1840**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1.00937e+006	5.4400e-003	0.0495	0.0416	3.0000e-004		3.7600e-003	3.7600e-003		3.7600e-003	3.7600e-003	0.0000	53.8639	53.8639	1.0300e-003	9.9000e-004	54.1840
Total		**5.4400e-003**	**0.0495**	**0.0416**	**3.0000e-004**		**3.7600e-003**	**3.7600e-003**		**3.7600e-003**	**3.7600e-003**	**0.0000**	**53.8639**	**53.8639**	**1.0300e-003**	**9.9000e-004**	**54.1840**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	31920	2.9534	4.8000e-004	6.0000e-005	2.9826
Unrefrigerated Warehouse-No Rail	1.02698e+006	95.0198	0.0154	1.8600e-003	95.9594
Total		**97.9732**	**0.0159**	**1.9200e-003**	**98.9419**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	31920	2.9534	4.8000e-004	6.0000e-005	2.9826
Unrefrigerated Warehouse-No Rail	1.02698e+006	95.0198	0.0154	1.8600e-003	95.9594
Total		**97.9732**	**0.0159**	**1.9200e-003**	**98.9419**

6.0 Area Detail

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.3072	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3200e-003	9.3200e-003	2.0000e-005	0.0000	9.9300e-003
Unmitigated	1.3072	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3200e-003	9.3200e-003	2.0000e-005	0.0000	9.9300e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1549					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.1519					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.4000e-004	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3200e-003	9.3200e-003	2.0000e-005	0.0000	9.9300e-003
Total	**1.3072**	**4.0000e-005**	**4.7800e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**9.3200e-003**	**9.3200e-003**	**2.0000e-005**	**0.0000**	**9.9300e-003**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1549					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.1519					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.4000e-004	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3200e-003	9.3200e-003	2.0000e-005	0.0000	9.9300e-003
Total	**1.3072**	**4.0000e-005**	**4.7800e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**9.3200e-003**	**9.3200e-003**	**2.0000e-005**	**0.0000**	**9.9300e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	55.4973	2.2165	0.0529	126.6658
Unmitigated	55.4973	2.2165	0.0529	126.6658

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	67.8534 / 0	55.4973	2.2165	0.0529	126.6658
Total		**55.4973**	**2.2165**	**0.0529**	**126.6658**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	67.8534 / 0	55.4973	2.2165	0.0529	126.6658
Total		**55.4973**	**2.2165**	**0.0529**	**126.6658**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	55.9869	3.3087	0.0000	138.7053
Unmitigated	55.9869	3.3087	0.0000	138.7053

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	275.81	55.9869	3.3087	0.0000	138.7053
Total		**55.9869**	**3.3087**	**0.0000**	**138.7053**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	275.81	55.9869	3.3087	0.0000	138.7053
Total		**55.9869**	**3.3087**	**0.0000**	**138.7053**

9.0 Operational Offroad

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

475 Sycamore Drive Project - Santa Clara County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

475 Sycamore Drive Project

Santa Clara County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	293.42	1000sqft	10.50	293,422.00	0
Parking Lot	228.00	Space	3.53	91,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Total project site is 14.03 acres

Construction Phase - Constrcution would start in Spring 2023 and last for approximately 12 months.

Off-road Equipment - Default

Demolition - Demolition of 3 commercial buildings

Grading - Project will require 3,800 cubic yards of soil export

Vehicle Trips - The project would result in a net decrease of 147 trips from existing conditions, no new trips would be generated.

Construction Off-road Equipment Mitigation - Water exposed area twice, tier 2 construction equipment, and reduced vehicle speed

Fleet Mix - Default fleet mix

475 Sycamore Drive Project - Santa Clara County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	300.00	215.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	30.00	10.00
tblConstructionPhase	NumDays	20.00	10.00
tblGrading	MaterialExported	0.00	3,800.00
tblLandUse	LandUseSquareFeet	293,420.00	293,422.00
tblLandUse	LotAcreage	6.74	10.50
tblLandUse	LotAcreage	2.05	3.53
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	1.74	0.00

2.0 Emissions Summary

475 Sycamore Drive Project - Santa Clara County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.4551	39.4728	29.7138	0.0862	19.8049	1.4666	21.0716	10.1417	1.3508	11.3071	0.0000	8,634.5866	8,634.5866	2.0326	0.6847	8,803.6437
2024	310.0666	16.3778	20.6702	0.0506	1.7575	0.6360	2.3935	0.4759	0.5984	1.0742	0.0000	5,028.9118	5,028.9118	0.7164	0.2253	5,112.5308
Maximum	**310.0666**	**39.4728**	**29.7138**	**0.0862**	**19.8049**	**1.4666**	**21.0716**	**10.1417**	**1.3508**	**11.3071**	**0.0000**	**8,634.5866**	**8,634.5866**	**2.0326**	**0.6847**	**8,803.6437**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.9440	56.1959	38.3853	0.0862	8.9935	1.3754	9.9404	4.5853	1.3736	5.5321	0.0000	8,634.5866	8,634.5866	2.0326	0.6847	8,803.6437
2024	309.9998	26.4884	22.3771	0.0506	1.7575	0.9262	2.6838	0.4759	0.9250	1.4009	0.0000	5,028.9118	5,028.9118	0.7164	0.2253	5,112.5308
Maximum	**309.9998**	**56.1959**	**38.3853**	**0.0862**	**8.9935**	**1.3754**	**9.9404**	**4.5853**	**1.3736**	**5.5321**	**0.0000**	**8,634.5866**	**8,634.5866**	**2.0326**	**0.6847**	**8,803.6437**

475 Sycamore Drive Project - Santa Clara County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.50	-48.05	-20.60	0.00	50.14	-9.47	46.20	52.33	-17.93	44.00	0.00	0.00	0.00	0.00	0.00	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.1652	4.8000e-004	0.0532	0.0000		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		0.1141	0.1141	3.0000e-004		0.1216
Energy	0.0298	0.2711	0.2277	1.6300e-003		0.0206	0.0206		0.0206	0.0206		325.3414	325.3414	6.2400e-003	5.9600e-003	327.2747
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.1951**	**0.2716**	**0.2809**	**1.6300e-003**	**0.0000**	**0.0208**	**0.0208**	**0.0000**	**0.0208**	**0.0208**		**325.4555**	**325.4555**	**6.5400e-003**	**5.9600e-003**	**327.3963**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.1652	4.8000e-004	0.0532	0.0000		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		0.1141	0.1141	3.0000e-004		0.1216
Energy	0.0298	0.2711	0.2277	1.6300e-003		0.0206	0.0206		0.0206	0.0206		325.3414	325.3414	6.2400e-003	5.9600e-003	327.2747
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.1951**	**0.2716**	**0.2809**	**1.6300e-003**	**0.0000**	**0.0208**	**0.0208**	**0.0000**	**0.0208**	**0.0208**		**325.4555**	**325.4555**	**6.5400e-003**	**5.9600e-003**	**327.3963**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/20/2023	4/7/2023	5	15	
2	Site Preparation	Site Preparation	4/10/2023	4/21/2023	5	10	
3	Grading	Grading	4/24/2023	5/5/2023	5	10	
4	Building Construction	Building Construction	5/8/2023	3/1/2024	5	215	
5	Paving	Paving	3/4/2024	3/15/2024	5	10	
6	Architectural Coating	Architectural Coating	3/18/2024	3/29/2024	5	10	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 30

Acres of Paving: 3.53

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 440,133; Non-Residential Outdoor: 146,711; Striped Parking Area: 5,472 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	978.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	376.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	162.00	63.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	32.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					14.1091	0.0000	14.1091	2.1362	0.0000	2.1362			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	**2.2691**	**21.4844**	**19.6434**	**0.0388**	**14.1091**	**0.9975**	**15.1066**	**2.1362**	**0.9280**	**3.0642**		**3,746.9840**	**3,746.9840**	**1.0494**		**3,773.2183**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1398	8.5421	2.0441	0.0394	1.1406	0.0716	1.2122	0.3127	0.0685	0.3812		4,302.2813	4,302.2813	0.1469	0.6821	4,509.2143
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0396	0.0233	0.3629	1.0500e-003	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		106.5290	106.5290	2.7100e-003	2.5800e-003	107.3658
Total	**0.1794**	**8.5654**	**2.4070**	**0.0405**	**1.2639**	**0.0722**	**1.3361**	**0.3454**	**0.0691**	**0.4144**		**4,408.8103**	**4,408.8103**	**0.1496**	**0.6847**	**4,616.5801**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.3491	0.0000	6.3491	0.9613	0.0000	0.9613			0.0000			0.0000
Off-Road	1.2617	32.6638	24.6739	0.0388		0.9135	0.9135		0.9135	0.9135	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	**1.2617**	**32.6638**	**24.6739**	**0.0388**	**6.3491**	**0.9135**	**7.2626**	**0.9613**	**0.9135**	**1.8749**	**0.0000**	**3,746.9840**	**3,746.9840**	**1.0494**		**3,773.2183**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1398	8.5421	2.0441	0.0394	1.1406	0.0716	1.2122	0.3127	0.0685	0.3812		4,302.2813	4,302.2813	0.1469	0.6821	4,509.2143
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0396	0.0233	0.3629	1.0500e-003	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		106.5290	106.5290	2.7100e-003	2.5800e-003	107.3658
Total	**0.1794**	**8.5654**	**2.4070**	**0.0405**	**1.2639**	**0.0722**	**1.3361**	**0.3454**	**0.0691**	**0.4144**		**4,408.8103**	**4,408.8103**	**0.1496**	**0.6847**	**4,616.5801**

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**19.6570**	**1.2660**	**20.9230**	**10.1025**	**1.1647**	**11.2672**		**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0475	0.0280	0.4355	1.2600e-003	0.1479	7.1000e-004	0.1486	0.0392	6.5000e-004	0.0399		127.8348	127.8348	3.2500e-003	3.1000e-003	128.8389
Total	**0.0475**	**0.0280**	**0.4355**	**1.2600e-003**	**0.1479**	**7.1000e-004**	**0.1486**	**0.0392**	**6.5000e-004**	**0.0399**		**127.8348**	**127.8348**	**3.2500e-003**	**3.1000e-003**	**128.8389**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	1.2097	33.7214	22.9600	0.0381		0.9462	0.9462		0.9462	0.9462	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**1.2097**	**33.7214**	**22.9600**	**0.0381**	**8.8457**	**0.9462**	**9.7918**	**4.5461**	**0.9462**	**5.4923**	**0.0000**	**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0475	0.0280	0.4355	1.2600e-003	0.1479	7.1000e-004	0.1486	0.0392	6.5000e-004	0.0399		127.8348	127.8348	3.2500e-003	3.1000e-003	128.8389
Total	**0.0475**	**0.0280**	**0.4355**	**1.2600e-003**	**0.1479**	**7.1000e-004**	**0.1486**	**0.0392**	**6.5000e-004**	**0.0399**		**127.8348**	**127.8348**	**3.2500e-003**	**3.1000e-003**	**128.8389**

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**9.2036**	**1.4245**	**10.6281**	**3.6538**	**1.3105**	**4.9643**		**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0806	4.9261	1.1788	0.0227	0.6578	0.0413	0.6991	0.1803	0.0395	0.2198		2,481.0702	2,481.0702	0.0847	0.3934	2,600.4058
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0527	0.0311	0.4839	1.4100e-003	0.1643	7.9000e-004	0.1651	0.0436	7.2000e-004	0.0443		142.0387	142.0387	3.6100e-003	3.4400e-003	143.1544
Total	**0.1334**	**4.9572**	**1.6627**	**0.0241**	**0.8221**	**0.0421**	**0.8642**	**0.2239**	**0.0402**	**0.2641**		**2,623.1089**	**2,623.1089**	**0.0883**	**0.3968**	**2,743.5602**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.1416	0.0000	4.1416	1.6442	0.0000	1.6442			0.0000			0.0000
Off-Road	1.8106	51.2386	36.7226	0.0621		1.3333	1.3333		1.3333	1.3333	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**1.8106**	**51.2386**	**36.7226**	**0.0621**	**4.1416**	**1.3333**	**5.4749**	**1.6442**	**1.3333**	**2.9775**	**0.0000**	**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0806	4.9261	1.1788	0.0227	0.6578	0.0413	0.6991	0.1803	0.0395	0.2198		2,481.0702	2,481.0702	0.0847	0.3934	2,600.4058
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0527	0.0311	0.4839	1.4100e-003	0.1643	7.9000e-004	0.1651	0.0436	7.2000e-004	0.0443		142.0387	142.0387	3.6100e-003	3.4400e-003	143.1544
Total	**0.1334**	**4.9572**	**1.6627**	**0.0241**	**0.8221**	**0.0421**	**0.8642**	**0.2239**	**0.0402**	**0.2641**		**2,623.1089**	**2,623.1089**	**0.0883**	**0.3968**	**2,743.5602**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0706	2.7081	0.8702	0.0129	0.4267	0.0165	0.4432	0.1229	0.0157	0.1386		1,379.9648	1,379.9648	0.0292	0.2026	1,441.0651
Worker	0.4272	0.2521	3.9193	0.0114	1.3308	6.3600e-003	1.3372	0.3530	5.8500e-003	0.3588		1,150.5133	1,150.5133	0.0293	0.0279	1,159.5502
Total	**0.4978**	**2.9602**	**4.7895**	**0.0242**	**1.7575**	**0.0228**	**1.7803**	**0.4758**	**0.0216**	**0.4974**		**2,530.4781**	**2,530.4781**	**0.0584**	**0.2305**	**2,600.6153**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0809	23.5544	17.8738	0.0269		0.9036	0.9036		0.9036	0.9036	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.0809**	**23.5544**	**17.8738**	**0.0269**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0706	2.7081	0.8702	0.0129	0.4267	0.0165	0.4432	0.1229	0.0157	0.1386		1,379.9648	1,379.9648	0.0292	0.2026	1,441.0651
Worker	0.4272	0.2521	3.9193	0.0114	1.3308	6.3600e-003	1.3372	0.3530	5.8500e-003	0.3588		1,150.5133	1,150.5133	0.0293	0.0279	1,159.5502
Total	**0.4978**	**2.9602**	**4.7895**	**0.0242**	**1.7575**	**0.0228**	**1.7803**	**0.4758**	**0.0216**	**0.4974**		**2,530.4781**	**2,530.4781**	**0.0584**	**0.2305**	**2,600.6153**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0687	2.7086	0.8533	0.0127	0.4268	0.0166	0.4434	0.1229	0.0159	0.1388		1,359.6506	1,359.6506	0.0288	0.1993	1,419.7486
Worker	0.3998	0.2254	3.6501	0.0110	1.3308	6.0500e-003	1.3368	0.3530	5.5700e-003	0.3586		1,113.5623	1,113.5623	0.0265	0.0260	1,121.9746
Total	**0.4685**	**2.9340**	**4.5034**	**0.0237**	**1.7575**	**0.0227**	**1.7802**	**0.4759**	**0.0215**	**0.4973**		**2,473.2129**	**2,473.2129**	**0.0553**	**0.2253**	**2,541.7232**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0809	23.5544	17.8738	0.0270		0.9036	0.9036		0.9036	0.9036	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.0809**	**23.5544**	**17.8738**	**0.0270**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0687	2.7086	0.8533	0.0127	0.4268	0.0166	0.4434	0.1229	0.0159	0.1388		1,359.6506	1,359.6506	0.0288	0.1993	1,419.7486
Worker	0.3998	0.2254	3.6501	0.0110	1.3308	6.0500e-003	1.3368	0.3530	5.5700e-003	0.3586		1,113.5623	1,113.5623	0.0265	0.0260	1,121.9746
Total	**0.4685**	**2.9340**	**4.5034**	**0.0237**	**1.7575**	**0.0227**	**1.7802**	**0.4759**	**0.0215**	**0.4973**		**2,473.2129**	**2,473.2129**	**0.0553**	**0.2253**	**2,541.7232**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.9249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.9130**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0370	0.0209	0.3380	1.0200e-003	0.1232	5.6000e-004	0.1238	0.0327	5.2000e-004	0.0332		103.1076	103.1076	2.4500e-003	2.4100e-003	103.8865
Total	**0.0370**	**0.0209**	**0.3380**	**1.0200e-003**	**0.1232**	**5.6000e-004**	**0.1238**	**0.0327**	**5.2000e-004**	**0.0332**		**103.1076**	**103.1076**	**2.4500e-003**	**2.4100e-003**	**103.8865**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9311	20.1146	17.2957	0.0228		0.6670	0.6670		0.6670	0.6670	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.9249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.8559**	**20.1146**	**17.2957**	**0.0228**		**0.6670**	**0.6670**		**0.6670**	**0.6670**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0370	0.0209	0.3380	1.0200e-003	0.1232	5.6000e-004	0.1238	0.0327	5.2000e-004	0.0332		103.1076	103.1076	2.4500e-003	2.4100e-003	103.8865
Total	**0.0370**	**0.0209**	**0.3380**	**1.0200e-003**	**0.1232**	**5.6000e-004**	**0.1238**	**0.0327**	**5.2000e-004**	**0.0332**		**103.1076**	**103.1076**	**2.4500e-003**	**2.4100e-003**	**103.8865**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	309.8069					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**309.9876**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0790	0.0445	0.7210	2.1800e-003	0.2629	1.1900e-003	0.2641	0.0697	1.1000e-003	0.0708		219.9629	219.9629	5.2400e-003	5.1400e-003	221.6246
Total	**0.0790**	**0.0445**	**0.7210**	**2.1800e-003**	**0.2629**	**1.1900e-003**	**0.2641**	**0.0697**	**1.1000e-003**	**0.0708**		**219.9629**	**219.9629**	**5.2400e-003**	**5.1400e-003**	**221.6246**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	309.8069					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1139	2.3524	1.8324	2.9700e-003		0.0951	0.0951		0.0951	0.0951	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**309.9208**	**2.3524**	**1.8324**	**2.9700e-003**		**0.0951**	**0.0951**		**0.0951**	**0.0951**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0790	0.0445	0.7210	2.1800e-003	0.2629	1.1900e-003	0.2641	0.0697	1.1000e-003	0.0708		219.9629	219.9629	5.2400e-003	5.1400e-003	221.6246
Total	**0.0790**	**0.0445**	**0.7210**	**2.1800e-003**	**0.2629**	**1.1900e-003**	**0.2641**	**0.0697**	**1.1000e-003**	**0.0708**		**219.9629**	**219.9629**	**5.2400e-003**	**5.1400e-003**	**221.6246**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Parking Lot	0.572464	0.055653	0.187060	0.115672	0.020329	0.005102	0.007934	0.006404	0.000900	0.000380	0.024412	0.000914	0.002776
Unrefrigerated Warehouse-No Rail	0.572464	0.055653	0.187060	0.115672	0.020329	0.005102	0.007934	0.006404	0.000900	0.000380	0.024412	0.000914	0.002776

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0298	0.2711	0.2277	1.6300e-003		0.0206	0.0206		0.0206	0.0206		325.3414	325.3414	6.2400e-003	5.9600e-003	327.2747
NaturalGas Unmitigated	0.0298	0.2711	0.2277	1.6300e-003		0.0206	0.0206		0.0206	0.0206		325.3414	325.3414	6.2400e-003	5.9600e-003	327.2747

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2765.4	0.0298	0.2711	0.2277	1.6300e-003		0.0206	0.0206		0.0206	0.0206		325.3414	325.3414	6.2400e-003	5.9600e-003	327.2747
Total		**0.0298**	**0.2711**	**0.2277**	**1.6300e-003**		**0.0206**	**0.0206**		**0.0206**	**0.0206**		**325.3414**	**325.3414**	**6.2400e-003**	**5.9600e-003**	**327.2747**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2.7654	0.0298	0.2711	0.2277	1.6300e-003		0.0206	0.0206		0.0206	0.0206		325.3414	325.3414	6.2400e-003	5.9600e-003	327.2747
Total		**0.0298**	**0.2711**	**0.2277**	**1.6300e-003**		**0.0206**	**0.0206**		**0.0206**	**0.0206**		**325.3414**	**325.3414**	**6.2400e-003**	**5.9600e-003**	**327.2747**

6.0 Area Detail

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.1652	4.8000e-004	0.0532	0.0000		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		0.1141	0.1141	3.0000e-004		0.1216
Unmitigated	7.1652	4.8000e-004	0.0532	0.0000		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		0.1141	0.1141	3.0000e-004		0.1216

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8488					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.3115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.9100e-003	4.8000e-004	0.0532	0.0000		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		0.1141	0.1141	3.0000e-004		0.1216
Total	**7.1652**	**4.8000e-004**	**0.0532**	**0.0000**		**1.9000e-004**	**1.9000e-004**		**1.9000e-004**	**1.9000e-004**		**0.1141**	**0.1141**	**3.0000e-004**		**0.1216**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8488					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.3115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.9100e-003	4.8000e-004	0.0532	0.0000		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		0.1141	0.1141	3.0000e-004		0.1216
Total	**7.1652**	**4.8000e-004**	**0.0532**	**0.0000**		**1.9000e-004**	**1.9000e-004**		**1.9000e-004**	**1.9000e-004**		**0.1141**	**0.1141**	**3.0000e-004**		**0.1216**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

475 Sycamore Drive Project - Santa Clara County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

475 Sycamore Drive Project

Santa Clara County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	293.42	1000sqft	10.50	293,422.00	0
Parking Lot	228.00	Space	3.53	91,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Total project site is 14.03 acres

Construction Phase - Constrcution would start in Spring 2023 and last for approximately 12 months.

Off-road Equipment - Default

Demolition - Demolition of 3 commercial buildings

Grading - Project will require 3,800 cubic yards of soil export

Vehicle Trips - The project would result in a net decrease of 147 trips from existing conditions, no new trips would be generated.

Construction Off-road Equipment Mitigation - Water exposed area twice, tier 2 construction equipment, and reduced vehicle speed

Fleet Mix - Default fleet mix

475 Sycamore Drive Project - Santa Clara County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2

475 Sycamore Drive Project - Santa Clara County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	300.00	215.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	30.00	10.00
tblConstructionPhase	NumDays	20.00	10.00
tblGrading	MaterialExported	0.00	3,800.00
tblLandUse	LandUseSquareFeet	293,420.00	293,422.00
tblLandUse	LotAcreage	6.74	10.50
tblLandUse	LotAcreage	2.05	3.53
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	1.74	0.00

2.0 Emissions Summary

475 Sycamore Drive Project - Santa Clara County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.4517	39.7613	29.7044	0.0861	19.8049	1.4666	21.0716	10.1417	1.3508	11.3071	0.0000	8,626.5740	8,626.5740	2.0328	0.6857	8,795.8969
2024	310.0692	16.5841	20.5166	0.0499	1.7575	0.6360	2.3936	0.4759	0.5984	1.0743	0.0000	4,949.8352	4,949.8352	0.7168	0.2295	5,034.7888
Maximum	**310.0692**	**39.7613**	**29.7044**	**0.0861**	**19.8049**	**1.4666**	**21.0716**	**10.1417**	**1.3508**	**11.3071**	**0.0000**	**8,626.5740**	**8,626.5740**	**2.0328**	**0.6857**	**8,795.8969**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.9406	56.4843	38.3758	0.0861	8.9935	1.3755	9.9404	4.5853	1.3736	5.5321	0.0000	8,626.5740	8,626.5740	2.0328	0.6857	8,795.8969
2024	310.0024	26.6947	22.2235	0.0499	1.7575	0.9263	2.6838	0.4759	0.9251	1.4009	0.0000	4,949.8352	4,949.8352	0.7168	0.2295	5,034.7888
Maximum	**310.0024**	**56.4843**	**38.3758**	**0.0861**	**8.9935**	**1.3755**	**9.9404**	**4.5853**	**1.3736**	**5.5321**	**0.0000**	**8,626.5740**	**8,626.5740**	**2.0328**	**0.6857**	**8,795.8969**

475 Sycamore Drive Project - Santa Clara County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.50	-47.62	-20.67	0.00	50.14	-9.47	46.20	52.33	-17.93	44.00	0.00	0.00	0.00	0.00	0.00	0.00

475 Sycamore Drive Project - Santa Clara County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.1652	4.8000e-004	0.0532	0.0000		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		0.1141	0.1141	3.0000e-004		0.1216
Energy	0.0298	0.2711	0.2277	1.6300e-003		0.0206	0.0206		0.0206	0.0206		325.3414	325.3414	6.2400e-003	5.9600e-003	327.2747
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.1951**	**0.2716**	**0.2809**	**1.6300e-003**	**0.0000**	**0.0208**	**0.0208**	**0.0000**	**0.0208**	**0.0208**		**325.4555**	**325.4555**	**6.5400e-003**	**5.9600e-003**	**327.3963**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.1652	4.8000e-004	0.0532	0.0000		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		0.1141	0.1141	3.0000e-004		0.1216
Energy	0.0298	0.2711	0.2277	1.6300e-003		0.0206	0.0206		0.0206	0.0206		325.3414	325.3414	6.2400e-003	5.9600e-003	327.2747
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.1951**	**0.2716**	**0.2809**	**1.6300e-003**	**0.0000**	**0.0208**	**0.0208**	**0.0000**	**0.0208**	**0.0208**		**325.4555**	**325.4555**	**6.5400e-003**	**5.9600e-003**	**327.3963**

475 Sycamore Drive Project - Santa Clara County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/20/2023	4/7/2023	5	15	
2	Site Preparation	Site Preparation	4/10/2023	4/21/2023	5	10	
3	Grading	Grading	4/24/2023	5/5/2023	5	10	
4	Building Construction	Building Construction	5/8/2023	3/1/2024	5	215	
5	Paving	Paving	3/4/2024	3/15/2024	5	10	
6	Architectural Coating	Architectural Coating	3/18/2024	3/29/2024	5	10	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 30

Acres of Paving: 3.53

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 440,133; Non-Residential Outdoor: 146,711; Striped Parking Area: 5,472 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	978.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	376.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	162.00	63.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	32.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

475 Sycamore Drive Project - Santa Clara County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					14.1091	0.0000	14.1091	2.1362	0.0000	2.1362			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	**2.2691**	**21.4844**	**19.6434**	**0.0388**	**14.1091**	**0.9975**	**15.1066**	**2.1362**	**0.9280**	**3.0642**		**3,746.9840**	**3,746.9840**	**1.0494**		**3,773.2183**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1313	9.0304	2.0728	0.0395	1.1406	0.0717	1.2124	0.3127	0.0686	0.3813		4,306.3587	4,306.3587	0.1464	0.6828	4,513.4791
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0407	0.0285	0.3434	9.8000e-004	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		98.7561	98.7561	3.0600e-003	2.9500e-003	99.7111
Total	**0.1720**	**9.0589**	**2.4162**	**0.0404**	**1.2639**	**0.0723**	**1.3362**	**0.3454**	**0.0692**	**0.4145**		**4,405.1148**	**4,405.1148**	**0.1495**	**0.6857**	**4,613.1902**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.3491	0.0000	6.3491	0.9613	0.0000	0.9613			0.0000			0.0000
Off-Road	1.2617	32.6638	24.6739	0.0388		0.9135	0.9135		0.9135	0.9135	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	**1.2617**	**32.6638**	**24.6739**	**0.0388**	**6.3491**	**0.9135**	**7.2626**	**0.9613**	**0.9135**	**1.8749**	**0.0000**	**3,746.9840**	**3,746.9840**	**1.0494**		**3,773.2183**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1313	9.0304	2.0728	0.0395	1.1406	0.0717	1.2124	0.3127	0.0686	0.3813		4,306.3587	4,306.3587	0.1464	0.6828	4,513.4791
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0407	0.0285	0.3434	9.8000e-004	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		98.7561	98.7561	3.0600e-003	2.9500e-003	99.7111
Total	**0.1720**	**9.0589**	**2.4162**	**0.0404**	**1.2639**	**0.0723**	**1.3362**	**0.3454**	**0.0692**	**0.4145**		**4,405.1148**	**4,405.1148**	**0.1495**	**0.6857**	**4,613.1902**

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**19.6570**	**1.2660**	**20.9230**	**10.1025**	**1.1647**	**11.2672**		**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

475 Sycamore Drive Project - Santa Clara County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0488	0.0342	0.4121	1.1700e-003	0.1479	7.1000e-004	0.1486	0.0392	6.5000e-004	0.0399		118.5073	118.5073	3.6700e-003	3.5400e-003	119.6533
Total	**0.0488**	**0.0342**	**0.4121**	**1.1700e-003**	**0.1479**	**7.1000e-004**	**0.1486**	**0.0392**	**6.5000e-004**	**0.0399**		**118.5073**	**118.5073**	**3.6700e-003**	**3.5400e-003**	**119.6533**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	1.2097	33.7214	22.9600	0.0381		0.9462	0.9462		0.9462	0.9462	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**1.2097**	**33.7214**	**22.9600**	**0.0381**	**8.8457**	**0.9462**	**9.7918**	**4.5461**	**0.9462**	**5.4923**	**0.0000**	**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0488	0.0342	0.4121	1.1700e-003	0.1479	7.1000e-004	0.1486	0.0392	6.5000e-004	0.0399		118.5073	118.5073	3.6700e-003	3.5400e-003	119.6533
Total	**0.0488**	**0.0342**	**0.4121**	**1.1700e-003**	**0.1479**	**7.1000e-004**	**0.1486**	**0.0392**	**6.5000e-004**	**0.0399**		**118.5073**	**118.5073**	**3.6700e-003**	**3.5400e-003**	**119.6533**

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**9.2036**	**1.4245**	**10.6281**	**3.6538**	**1.3105**	**4.9643**		**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0757	5.2077	1.1953	0.0228	0.6578	0.0414	0.6992	0.1803	0.0396	0.2199		2,483.4216	2,483.4216	0.0844	0.3937	2,602.8653
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0543	0.0380	0.4579	1.3000e-003	0.1643	7.9000e-004	0.1651	0.0436	7.2000e-004	0.0443		131.6747	131.6747	4.0800e-003	3.9300e-003	132.9481
Total	**0.1300**	**5.2457**	**1.6532**	**0.0241**	**0.8221**	**0.0422**	**0.8642**	**0.2239**	**0.0403**	**0.2642**		**2,615.0963**	**2,615.0963**	**0.0885**	**0.3977**	**2,735.8133**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.1416	0.0000	4.1416	1.6442	0.0000	1.6442			0.0000			0.0000
Off-Road	1.8106	51.2386	36.7226	0.0621		1.3333	1.3333		1.3333	1.3333	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**1.8106**	**51.2386**	**36.7226**	**0.0621**	**4.1416**	**1.3333**	**5.4749**	**1.6442**	**1.3333**	**2.9775**	**0.0000**	**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0757	5.2077	1.1953	0.0228	0.6578	0.0414	0.6992	0.1803	0.0396	0.2199		2,483.4216	2,483.4216	0.0844	0.3937	2,602.8653
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0543	0.0380	0.4579	1.3000e-003	0.1643	7.9000e-004	0.1651	0.0436	7.2000e-004	0.0443		131.6747	131.6747	4.0800e-003	3.9300e-003	132.9481
Total	**0.1300**	**5.2457**	**1.6532**	**0.0241**	**0.8221**	**0.0422**	**0.8642**	**0.2239**	**0.0403**	**0.2642**		**2,615.0963**	**2,615.0963**	**0.0885**	**0.3977**	**2,735.8133**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

475 Sycamore Drive Project - Santa Clara County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0684	2.8650	0.9010	0.0129	0.4267	0.0165	0.4432	0.1229	0.0158	0.1387		1,381.9365	1,381.9365	0.0290	0.2031	1,443.1887
Worker	0.4395	0.3074	3.7088	0.0106	1.3308	6.3600e-003	1.3372	0.3530	5.8500e-003	0.3588		1,066.5654	1,066.5654	0.0330	0.0318	1,076.8793
Total	**0.5079**	**3.1724**	**4.6098**	**0.0234**	**1.7575**	**0.0229**	**1.7804**	**0.4758**	**0.0217**	**0.4975**		**2,448.5019**	**2,448.5019**	**0.0620**	**0.2350**	**2,520.0681**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0809	23.5544	17.8738	0.0269		0.9036	0.9036		0.9036	0.9036	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.0809**	**23.5544**	**17.8738**	**0.0269**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

475 Sycamore Drive Project - Santa Clara County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0684	2.8650	0.9010	0.0129	0.4267	0.0165	0.4432	0.1229	0.0158	0.1387		1,381.9365	1,381.9365	0.0290	0.2031	1,443.1887
Worker	0.4395	0.3074	3.7088	0.0106	1.3308	6.3600e-003	1.3372	0.3530	5.8500e-003	0.3588		1,066.5654	1,066.5654	0.0330	0.0318	1,076.8793
Total	**0.5079**	**3.1724**	**4.6098**	**0.0234**	**1.7575**	**0.0229**	**1.7804**	**0.4758**	**0.0217**	**0.4975**		**2,448.5019**	**2,448.5019**	**0.0620**	**0.2350**	**2,520.0681**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

475 Sycamore Drive Project - Santa Clara County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0665	2.8655	0.8840	0.0127	0.4268	0.0167	0.4434	0.1229	0.0160	0.1388		1,361.6360	1,361.6360	0.0286	0.1998	1,421.8813
Worker	0.4130	0.2748	3.4658	0.0102	1.3308	6.0500e-003	1.3368	0.3530	5.5700e-003	0.3586		1,032.5002	1,032.5002	0.0300	0.0297	1,042.0999
Total	**0.4794**	**3.1403**	**4.3497**	**0.0229**	**1.7575**	**0.0227**	**1.7803**	**0.4759**	**0.0215**	**0.4974**		**2,394.1363**	**2,394.1363**	**0.0586**	**0.2295**	**2,463.9812**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0809	23.5544	17.8738	0.0270		0.9036	0.9036		0.9036	0.9036	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.0809**	**23.5544**	**17.8738**	**0.0270**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0665	2.8655	0.8840	0.0127	0.4268	0.0167	0.4434	0.1229	0.0160	0.1388		1,361.6360	1,361.6360	0.0286	0.1998	1,421.8813
Worker	0.4130	0.2748	3.4658	0.0102	1.3308	6.0500e-003	1.3368	0.3530	5.5700e-003	0.3586		1,032.5002	1,032.5002	0.0300	0.0297	1,042.0999
Total	**0.4794**	**3.1403**	**4.3497**	**0.0229**	**1.7575**	**0.0227**	**1.7803**	**0.4759**	**0.0215**	**0.4974**		**2,394.1363**	**2,394.1363**	**0.0586**	**0.2295**	**2,463.9812**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.9249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.9130**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0382	0.0255	0.3209	9.5000e-004	0.1232	5.6000e-004	0.1238	0.0327	5.2000e-004	0.0332		95.6019	95.6019	2.7800e-003	2.7500e-003	96.4907
Total	**0.0382**	**0.0255**	**0.3209**	**9.5000e-004**	**0.1232**	**5.6000e-004**	**0.1238**	**0.0327**	**5.2000e-004**	**0.0332**		**95.6019**	**95.6019**	**2.7800e-003**	**2.7500e-003**	**96.4907**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9311	20.1146	17.2957	0.0228		0.6670	0.6670		0.6670	0.6670	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.9249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.8559**	**20.1146**	**17.2957**	**0.0228**		**0.6670**	**0.6670**		**0.6670**	**0.6670**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0382	0.0255	0.3209	9.5000e-004	0.1232	5.6000e-004	0.1238	0.0327	5.2000e-004	0.0332		95.6019	95.6019	2.7800e-003	2.7500e-003	96.4907
Total	**0.0382**	**0.0255**	**0.3209**	**9.5000e-004**	**0.1232**	**5.6000e-004**	**0.1238**	**0.0327**	**5.2000e-004**	**0.0332**		**95.6019**	**95.6019**	**2.7800e-003**	**2.7500e-003**	**96.4907**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	309.8069					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**309.9876**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0816	0.0543	0.6846	2.0200e-003	0.2629	1.1900e-003	0.2641	0.0697	1.1000e-003	0.0708		203.9507	203.9507	5.9300e-003	5.8700e-003	205.8469
Total	**0.0816**	**0.0543**	**0.6846**	**2.0200e-003**	**0.2629**	**1.1900e-003**	**0.2641**	**0.0697**	**1.1000e-003**	**0.0708**		**203.9507**	**203.9507**	**5.9300e-003**	**5.8700e-003**	**205.8469**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	309.8069					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1139	2.3524	1.8324	2.9700e-003		0.0951	0.0951		0.0951	0.0951	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**309.9208**	**2.3524**	**1.8324**	**2.9700e-003**		**0.0951**	**0.0951**		**0.0951**	**0.0951**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

475 Sycamore Drive Project - Santa Clara County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0816	0.0543	0.6846	2.0200e-003	0.2629	1.1900e-003	0.2641	0.0697	1.1000e-003	0.0708		203.9507	203.9507	5.9300e-003	5.8700e-003	205.8469
Total	**0.0816**	**0.0543**	**0.6846**	**2.0200e-003**	**0.2629**	**1.1900e-003**	**0.2641**	**0.0697**	**1.1000e-003**	**0.0708**		**203.9507**	**203.9507**	**5.9300e-003**	**5.8700e-003**	**205.8469**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

475 Sycamore Drive Project - Santa Clara County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Parking Lot	0.572464	0.055653	0.187060	0.115672	0.020329	0.005102	0.007934	0.006404	0.000900	0.000380	0.024412	0.000914	0.002776
Unrefrigerated Warehouse-No Rail	0.572464	0.055653	0.187060	0.115672	0.020329	0.005102	0.007934	0.006404	0.000900	0.000380	0.024412	0.000914	0.002776

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0298	0.2711	0.2277	1.6300e-003		0.0206	0.0206		0.0206	0.0206		325.3414	325.3414	6.2400e-003	5.9600e-003	327.2747
NaturalGas Unmitigated	0.0298	0.2711	0.2277	1.6300e-003		0.0206	0.0206		0.0206	0.0206		325.3414	325.3414	6.2400e-003	5.9600e-003	327.2747

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2765.4	0.0298	0.2711	0.2277	1.6300e-003		0.0206	0.0206		0.0206	0.0206		325.3414	325.3414	6.2400e-003	5.9600e-003	327.2747
Total		**0.0298**	**0.2711**	**0.2277**	**1.6300e-003**		**0.0206**	**0.0206**		**0.0206**	**0.0206**		**325.3414**	**325.3414**	**6.2400e-003**	**5.9600e-003**	**327.2747**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2.7654	0.0298	0.2711	0.2277	1.6300e-003		0.0206	0.0206		0.0206	0.0206		325.3414	325.3414	6.2400e-003	5.9600e-003	327.2747
Total		**0.0298**	**0.2711**	**0.2277**	**1.6300e-003**		**0.0206**	**0.0206**		**0.0206**	**0.0206**		**325.3414**	**325.3414**	**6.2400e-003**	**5.9600e-003**	**327.2747**

6.0 Area Detail

475 Sycamore Drive Project - Santa Clara County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.1652	4.8000e-004	0.0532	0.0000		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		0.1141	0.1141	3.0000e-004		0.1216
Unmitigated	7.1652	4.8000e-004	0.0532	0.0000		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		0.1141	0.1141	3.0000e-004		0.1216

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8488					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.3115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.9100e-003	4.8000e-004	0.0532	0.0000		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		0.1141	0.1141	3.0000e-004		0.1216
Total	**7.1652**	**4.8000e-004**	**0.0532**	**0.0000**		**1.9000e-004**	**1.9000e-004**		**1.9000e-004**	**1.9000e-004**		**0.1141**	**0.1141**	**3.0000e-004**		**0.1216**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8488					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.3115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.9100e-003	4.8000e-004	0.0532	0.0000		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		0.1141	0.1141	3.0000e-004		0.1216
Total	**7.1652**	**4.8000e-004**	**0.0532**	**0.0000**		**1.9000e-004**	**1.9000e-004**		**1.9000e-004**	**1.9000e-004**		**0.1141**	**0.1141**	**3.0000e-004**		**0.1216**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

475 Sycamore Drive Project - Mitigation - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

475 Sycamore Drive Project - Mitigation

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	293.42	1000sqft	10.50	293,422.00	0
Parking Lot	228.00	Space	3.53	91,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Total project site is 14.03 acres

Construction Phase - Constrcution would start in Spring 2023 and last for approximately 12 months.

Off-road Equipment - Default

Demolition - Demolition of 3 commercial buildings

Grading - Project will require 3,800 cubic yards of soil export

Vehicle Trips - The project would result in a net decrease of 147 trips from existing conditions, no new trips would be generated.

Construction Off-road Equipment Mitigation - Water exposed area twice, tier 2 construction level 3 DPF equipment, and reduced vehicle speed

Fleet Mix - Default fleet mix

475 Sycamore Drive Project - Mitigation - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	30.00	10.00
tblConstructionPhase	NumDays	300.00	215.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	20.00	10.00
tblGrading	MaterialExported	0.00	3,800.00
tblLandUse	LandUseSquareFeet	293,420.00	293,422.00
tblLandUse	LotAcreage	6.74	10.50
tblLandUse	LotAcreage	2.05	3.53
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	1.74	0.00

2.0 Emissions Summary

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.2231	2.0491	2.1702	5.5100e-003	0.4085	0.0831	0.4916	0.1278	0.0779	0.2057	0.0000	498.5056	498.5056	0.0743	0.0244	507.6454
2024	1.6032	0.4254	0.5463	1.2700e-003	0.0401	0.0170	0.0571	0.0109	0.0159	0.0268	0.0000	113.9040	113.9040	0.0169	4.6800e-003	115.7200
Maximum	**1.6032**	**2.0491**	**2.1702**	**5.5100e-003**	**0.4085**	**0.0831**	**0.4916**	**0.1278**	**0.0779**	**0.2057**	**0.0000**	**498.5056**	**498.5056**	**0.0743**	**0.0244**	**507.6454**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.1589	3.0270	2.4134	5.5100e-003	0.2709	0.0170	0.2879	0.0812	0.0168	0.0980	0.0000	498.5053	498.5053	0.0743	0.0244	507.6451
2024	1.5938	0.7115	0.5982	1.2700e-003	0.0401	4.1400e-003	0.0442	0.0109	4.1100e-003	0.0150	0.0000	113.9039	113.9039	0.0169	4.6800e-003	115.7200
Maximum	**1.5938**	**3.0270**	**2.4134**	**5.5100e-003**	**0.2709**	**0.0170**	**0.2879**	**0.0812**	**0.0168**	**0.0980**	**0.0000**	**498.5053**	**498.5053**	**0.0743**	**0.0244**	**507.6451**

475 Sycamore Drive Project - Mitigation - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.03**	**-51.08**	**-10.86**	**0.00**	**30.67**	**78.93**	**39.47**	**33.63**	**77.68**	**51.40**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**3-20-2023**	**6-19-2023**	0.8344	1.1223
2	**6-20-2023**	**9-19-2023**	0.6379	0.9231
3	**9-20-2023**	**12-19-2023**	0.6374	0.9194
4	**12-20-2023**	**3-19-2024**	0.7596	1.0545
5	**3-20-2024**	**6-19-2024**	1.1119	1.1157
		Highest	1.1119	1.1223

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.3072	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3200e-003	9.3200e-003	2.0000e-005	0.0000	9.9300e-003
Energy	5.4400e-003	0.0495	0.0416	3.0000e-004		3.7600e-003	3.7600e-003		3.7600e-003	3.7600e-003	0.0000	151.8371	151.8371	0.0169	2.9100e-003	153.1259
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	55.9869	0.0000	55.9869	3.3087	0.0000	138.7053
Water						0.0000	0.0000		0.0000	0.0000	21.5268	33.9705	55.4973	2.2165	0.0529	126.6658
Total	**1.3126**	**0.0495**	**0.0463**	**3.0000e-004**	**0.0000**	**3.7800e-003**	**3.7800e-003**	**0.0000**	**3.7800e-003**	**3.7800e-003**	**77.5137**	**185.8169**	**263.3306**	**5.5421**	**0.0558**	**418.5070**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.3072	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3200e-003	9.3200e-003	2.0000e-005	0.0000	9.9300e-003
Energy	5.4400e-003	0.0495	0.0416	3.0000e-004		3.7600e-003	3.7600e-003		3.7600e-003	3.7600e-003	0.0000	151.8371	151.8371	0.0169	2.9100e-003	153.1259
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	55.9869	0.0000	55.9869	3.3087	0.0000	138.7053
Water						0.0000	0.0000		0.0000	0.0000	21.5268	33.9705	55.4973	2.2165	0.0529	126.6658
Total	**1.3126**	**0.0495**	**0.0463**	**3.0000e-004**	**0.0000**	**3.7800e-003**	**3.7800e-003**	**0.0000**	**3.7800e-003**	**3.7800e-003**	**77.5137**	**185.8169**	**263.3306**	**5.5421**	**0.0558**	**418.5070**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/20/2023	4/7/2023	5	15	
2	Site Preparation	Site Preparation	4/10/2023	4/21/2023	5	10	
3	Grading	Grading	4/24/2023	5/5/2023	5	10	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Building Construction	Building Construction	5/8/2023	3/1/2024	5	215	
5	Paving	Paving	3/4/2024	3/15/2024	5	10	
6	Architectural Coating	Architectural Coating	3/18/2024	3/29/2024	5	10	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 30

Acres of Paving: 3.53

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 440,133; Non-Residential Outdoor: 146,711; Striped Parking Area: 5,472 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	978.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	376.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	162.00	63.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	32.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1058	0.0000	0.1058	0.0160	0.0000	0.0160	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1611	0.1473	2.9000e-004		7.4800e-003	7.4800e-003		6.9600e-003	6.9600e-003	0.0000	25.4941	25.4941	7.1400e-003	0.0000	25.6726
Total	**0.0170**	**0.1611**	**0.1473**	**2.9000e-004**	**0.1058**	**7.4800e-003**	**0.1133**	**0.0160**	**6.9600e-003**	**0.0230**	**0.0000**	**25.4941**	**25.4941**	**7.1400e-003**	**0.0000**	**25.6726**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0200e-003	0.0665	0.0154	3.0000e-004	8.3000e-003	5.4000e-004	8.8400e-003	2.2800e-003	5.1000e-004	2.8000e-003	0.0000	29.2839	29.2839	1.0000e-003	4.6400e-003	30.6924
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	2.0000e-004	2.5100e-003	1.0000e-005	8.9000e-004	0.0000	9.0000e-004	2.4000e-004	0.0000	2.4000e-004	0.0000	0.6793	0.6793	2.0000e-005	2.0000e-005	0.6854
Total	**1.3000e-003**	**0.0667**	**0.0179**	**3.1000e-004**	**9.1900e-003**	**5.4000e-004**	**9.7400e-003**	**2.5200e-003**	**5.1000e-004**	**3.0400e-003**	**0.0000**	**29.9632**	**29.9632**	**1.0200e-003**	**4.6600e-003**	**31.3778**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0476	0.0000	0.0476	7.2100e-003	0.0000	7.2100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.4600e-003	0.2450	0.1851	2.9000e-004		1.0300e-003	1.0300e-003		1.0300e-003	1.0300e-003	0.0000	25.4940	25.4940	7.1400e-003	0.0000	25.6725
Total	**9.4600e-003**	**0.2450**	**0.1851**	**2.9000e-004**	**0.0476**	**1.0300e-003**	**0.0487**	**7.2100e-003**	**1.0300e-003**	**8.2400e-003**	**0.0000**	**25.4940**	**25.4940**	**7.1400e-003**	**0.0000**	**25.6725**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0200e-003	0.0665	0.0154	3.0000e-004	8.3000e-003	5.4000e-004	8.8400e-003	2.2800e-003	5.1000e-004	2.8000e-003	0.0000	29.2839	29.2839	1.0000e-003	4.6400e-003	30.6924
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	2.0000e-004	2.5100e-003	1.0000e-005	8.9000e-004	0.0000	9.0000e-004	2.4000e-004	0.0000	2.4000e-004	0.0000	0.6793	0.6793	2.0000e-005	2.0000e-005	0.6854
Total	**1.3000e-003**	**0.0667**	**0.0179**	**3.1000e-004**	**9.1900e-003**	**5.4000e-004**	**9.7400e-003**	**2.5200e-003**	**5.1000e-004**	**3.0400e-003**	**0.0000**	**29.9632**	**29.9632**	**1.0200e-003**	**4.6600e-003**	**31.3778**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0983	0.0000	0.0983	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1376	0.0912	1.9000e-004		6.3300e-003	6.3300e-003		5.8200e-003	5.8200e-003	0.0000	16.7254	16.7254	5.4100e-003	0.0000	16.8606
Total	**0.0133**	**0.1376**	**0.0912**	**1.9000e-004**	**0.0983**	**6.3300e-003**	**0.1046**	**0.0505**	**5.8200e-003**	**0.0563**	**0.0000**	**16.7254**	**16.7254**	**5.4100e-003**	**0.0000**	**16.8606**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.6000e-004	2.0100e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5434	0.5434	2.0000e-005	2.0000e-005	0.5483
Total	**2.2000e-004**	**1.6000e-004**	**2.0100e-003**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.5434**	**0.5434**	**2.0000e-005**	**2.0000e-005**	**0.5483**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0442	0.0000	0.0442	0.0227	0.0000	0.0227	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0500e-003	0.1686	0.1148	1.9000e-004		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	16.7253	16.7253	5.4100e-003	0.0000	16.8606
Total	**6.0500e-003**	**0.1686**	**0.1148**	**1.9000e-004**	**0.0442**	**7.1000e-004**	**0.0449**	**0.0227**	**7.1000e-004**	**0.0234**	**0.0000**	**16.7253**	**16.7253**	**5.4100e-003**	**0.0000**	**16.8606**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.6000e-004	2.0100e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5434	0.5434	2.0000e-005	2.0000e-005	0.5483
Total	**2.2000e-004**	**1.6000e-004**	**2.0100e-003**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.5434**	**0.5434**	**2.0000e-005**	**2.0000e-005**	**0.5483**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0460	0.0000	0.0460	0.0183	0.0000	0.0183	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0166	0.1726	0.1403	3.1000e-004		7.1200e-003	7.1200e-003		6.5500e-003	6.5500e-003	0.0000	27.2676	27.2676	8.8200e-003	0.0000	27.4881
Total	**0.0166**	**0.1726**	**0.1403**	**3.1000e-004**	**0.0460**	**7.1200e-003**	**0.0531**	**0.0183**	**6.5500e-003**	**0.0248**	**0.0000**	**27.2676**	**27.2676**	**8.8200e-003**	**0.0000**	**27.4881**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.9000e-004	0.0256	5.9300e-003	1.1000e-004	3.1900e-003	2.1000e-004	3.4000e-003	8.8000e-004	2.0000e-004	1.0800e-003	0.0000	11.2584	11.2584	3.8000e-004	1.7800e-003	11.7999
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5000e-004	1.7000e-004	2.2300e-003	1.0000e-005	7.9000e-004	0.0000	8.0000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.6038	0.6038	2.0000e-005	2.0000e-005	0.6092
Total	**6.4000e-004**	**0.0257**	**8.1600e-003**	**1.2000e-004**	**3.9800e-003**	**2.1000e-004**	**4.2000e-003**	**1.0900e-003**	**2.0000e-004**	**1.2900e-003**	**0.0000**	**11.8622**	**11.8622**	**4.0000e-004**	**1.8000e-003**	**12.4092**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0207	0.0000	0.0207	8.2200e-003	0.0000	8.2200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0500e-003	0.2562	0.1836	3.1000e-004		1.0000e-003	1.0000e-003		1.0000e-003	1.0000e-003	0.0000	27.2676	27.2676	8.8200e-003	0.0000	27.4880
Total	**9.0500e-003**	**0.2562**	**0.1836**	**3.1000e-004**	**0.0207**	**1.0000e-003**	**0.0217**	**8.2200e-003**	**1.0000e-003**	**9.2200e-003**	**0.0000**	**27.2676**	**27.2676**	**8.8200e-003**	**0.0000**	**27.4880**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.9000e-004	0.0256	5.9300e-003	1.1000e-004	3.1900e-003	2.1000e-004	3.4000e-003	8.8000e-004	2.0000e-004	1.0800e-003	0.0000	11.2584	11.2584	3.8000e-004	1.7800e-003	11.7999
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5000e-004	1.7000e-004	2.2300e-003	1.0000e-005	7.9000e-004	0.0000	8.0000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.6038	0.6038	2.0000e-005	2.0000e-005	0.6092
Total	**6.4000e-004**	**0.0257**	**8.1600e-003**	**1.2000e-004**	**3.9800e-003**	**2.1000e-004**	**4.2000e-003**	**1.0900e-003**	**2.0000e-004**	**1.2900e-003**	**0.0000**	**11.8622**	**11.8622**	**4.0000e-004**	**1.8000e-003**	**12.4092**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1337	1.2227	1.3807	2.2900e-003		0.0595	0.0595		0.0560	0.0560	0.0000	197.0340	197.0340	0.0469	0.0000	198.2058
Total	**0.1337**	**1.2227**	**1.3807**	**2.2900e-003**		**0.0595**	**0.0595**		**0.0560**	**0.0560**	**0.0000**	**197.0340**	**197.0340**	**0.0469**	**0.0000**	**198.2058**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.8800e-003	0.2386	0.0752	1.0900e-003	0.0352	1.4000e-003	0.0367	0.0102	1.3400e-003	0.0115	0.0000	106.4737	106.4737	2.2400e-003	0.0156	111.1910
Worker	0.0344	0.0240	0.3074	9.1000e-004	0.1092	5.4000e-004	0.1098	0.0291	5.0000e-004	0.0295	0.0000	83.1421	83.1421	2.4000e-003	2.3200e-003	83.8921
Total	**0.0403**	**0.2625**	**0.3825**	**2.0000e-003**	**0.1445**	**1.9400e-003**	**0.1464**	**0.0392**	**1.8400e-003**	**0.0411**	**0.0000**	**189.6158**	**189.6158**	**4.6400e-003**	**0.0180**	**195.0831**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0919	2.0021	1.5193	2.2900e-003		0.0115	0.0115		0.0115	0.0115	0.0000	197.0338	197.0338	0.0469	0.0000	198.2056
Total	**0.0919**	**2.0021**	**1.5193**	**2.2900e-003**		**0.0115**	**0.0115**		**0.0115**	**0.0115**	**0.0000**	**197.0338**	**197.0338**	**0.0469**	**0.0000**	**198.2056**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.8800e-003	0.2386	0.0752	1.0900e-003	0.0352	1.4000e-003	0.0367	0.0102	1.3400e-003	0.0115	0.0000	106.4737	106.4737	2.2400e-003	0.0156	111.1910
Worker	0.0344	0.0240	0.3074	9.1000e-004	0.1092	5.4000e-004	0.1098	0.0291	5.0000e-004	0.0295	0.0000	83.1421	83.1421	2.4000e-003	2.3200e-003	83.8921
Total	**0.0403**	**0.2625**	**0.3825**	**2.0000e-003**	**0.1445**	**1.9400e-003**	**0.1464**	**0.0392**	**1.8400e-003**	**0.0411**	**0.0000**	**189.6158**	**189.6158**	**4.6400e-003**	**0.0180**	**195.0831**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0331	0.3025	0.3638	6.1000e-004		0.0138	0.0138		0.0130	0.0130	0.0000	52.1661	52.1661	0.0123	0.0000	52.4744
Total	**0.0331**	**0.3025**	**0.3638**	**6.1000e-004**		**0.0138**	**0.0138**		**0.0130**	**0.0130**	**0.0000**	**52.1661**	**52.1661**	**0.0123**	**0.0000**	**52.4744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5100e-003	0.0632	0.0195	2.9000e-004	9.3300e-003	3.7000e-004	9.7000e-003	2.7000e-003	3.6000e-004	3.0600e-003	0.0000	27.7697	27.7697	5.9000e-004	4.0700e-003	28.9979
Worker	8.5400e-003	5.6700e-003	0.0759	2.3000e-004	0.0289	1.4000e-004	0.0291	7.6900e-003	1.3000e-004	7.8100e-003	0.0000	21.3048	21.3048	5.8000e-004	5.7000e-004	21.4896
Total	**0.0101**	**0.0688**	**0.0955**	**5.2000e-004**	**0.0382**	**5.1000e-004**	**0.0388**	**0.0104**	**4.9000e-004**	**0.0109**	**0.0000**	**49.0745**	**49.0745**	**1.1700e-003**	**4.6400e-003**	**50.4875**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0243	0.5300	0.4022	6.1000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	52.1660	52.1660	0.0123	0.0000	52.4744
Total	**0.0243**	**0.5300**	**0.4022**	**6.1000e-004**		**3.0500e-003**	**3.0500e-003**		**3.0500e-003**	**3.0500e-003**	**0.0000**	**52.1660**	**52.1660**	**0.0123**	**0.0000**	**52.4744**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5100e-003	0.0632	0.0195	2.9000e-004	9.3300e-003	3.7000e-004	9.7000e-003	2.7000e-003	3.6000e-004	3.0600e-003	0.0000	27.7697	27.7697	5.9000e-004	4.0700e-003	28.9979
Worker	8.5400e-003	5.6700e-003	0.0759	2.3000e-004	0.0289	1.4000e-004	0.0291	7.6900e-003	1.3000e-004	7.8100e-003	0.0000	21.3048	21.3048	5.8000e-004	5.7000e-004	21.4896
Total	**0.0101**	**0.0688**	**0.0955**	**5.2000e-004**	**0.0382**	**5.1000e-004**	**0.0388**	**0.0104**	**4.9000e-004**	**0.0109**	**0.0000**	**49.0745**	**49.0745**	**1.1700e-003**	**4.6400e-003**	**50.4875**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.9400e-003	0.0476	0.0731	1.1000e-004		2.3400e-003	2.3400e-003		2.1600e-003	2.1600e-003	0.0000	10.0133	10.0133	3.2400e-003	0.0000	10.0942
Paving	4.6200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.5600e-003**	**0.0476**	**0.0731**	**1.1000e-004**		**2.3400e-003**	**2.3400e-003**		**2.1600e-003**	**2.1600e-003**	**0.0000**	**10.0133**	**10.0133**	**3.2400e-003**	**0.0000**	**10.0942**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.2000e-004	1.5600e-003	0.0000	5.9000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4384	0.4384	1.0000e-005	1.0000e-005	0.4422
Total	**1.8000e-004**	**1.2000e-004**	**1.5600e-003**	**0.0000**	**5.9000e-004**	**0.0000**	**6.0000e-004**	**1.6000e-004**	**0.0000**	**1.6000e-004**	**0.0000**	**0.4384**	**0.4384**	**1.0000e-005**	**1.0000e-005**	**0.4422**

475 Sycamore Drive Project - Mitigation - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.6600e-003	0.1006	0.0865	1.1000e-004		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004	0.0000	10.0133	10.0133	3.2400e-003	0.0000	10.0942
Paving	4.6200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.2800e-003**	**0.1006**	**0.0865**	**1.1000e-004**		**5.0000e-004**	**5.0000e-004**		**5.0000e-004**	**5.0000e-004**	**0.0000**	**10.0133**	**10.0133**	**3.2400e-003**	**0.0000**	**10.0942**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.2000e-004	1.5600e-003	0.0000	5.9000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4384	0.4384	1.0000e-005	1.0000e-005	0.4422
Total	**1.8000e-004**	**1.2000e-004**	**1.5600e-003**	**0.0000**	**5.9000e-004**	**0.0000**	**6.0000e-004**	**1.6000e-004**	**0.0000**	**1.6000e-004**	**0.0000**	**0.4384**	**0.4384**	**1.0000e-005**	**1.0000e-005**	**0.4422**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.5490					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0000e-004	6.0900e-003	9.0500e-003	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	1.2766	1.2766	7.0000e-005	0.0000	1.2784
Total	**1.5499**	**6.0900e-003**	**9.0500e-003**	**1.0000e-005**		**3.0000e-004**	**3.0000e-004**		**3.0000e-004**	**3.0000e-004**	**0.0000**	**1.2766**	**1.2766**	**7.0000e-005**	**0.0000**	**1.2784**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.5000e-004	3.3300e-003	1.0000e-005	1.2700e-003	1.0000e-005	1.2700e-003	3.4000e-004	1.0000e-005	3.4000e-004	0.0000	0.9352	0.9352	3.0000e-005	3.0000e-005	0.9433
Total	**3.7000e-004**	**2.5000e-004**	**3.3300e-003**	**1.0000e-005**	**1.2700e-003**	**1.0000e-005**	**1.2700e-003**	**3.4000e-004**	**1.0000e-005**	**3.4000e-004**	**0.0000**	**0.9352**	**0.9352**	**3.0000e-005**	**3.0000e-005**	**0.9433**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.5490					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.7000e-004	0.0118	9.1600e-003	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	1.2766	1.2766	7.0000e-005	0.0000	1.2784
Total	**1.5496**	**0.0118**	**9.1600e-003**	**1.0000e-005**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**	**0.0000**	**1.2766**	**1.2766**	**7.0000e-005**	**0.0000**	**1.2784**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.5000e-004	3.3300e-003	1.0000e-005	1.2700e-003	1.0000e-005	1.2700e-003	3.4000e-004	1.0000e-005	3.4000e-004	0.0000	0.9352	0.9352	3.0000e-005	3.0000e-005	0.9433
Total	**3.7000e-004**	**2.5000e-004**	**3.3300e-003**	**1.0000e-005**	**1.2700e-003**	**1.0000e-005**	**1.2700e-003**	**3.4000e-004**	**1.0000e-005**	**3.4000e-004**	**0.0000**	**0.9352**	**0.9352**	**3.0000e-005**	**3.0000e-005**	**0.9433**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Parking Lot	0.572464	0.055653	0.187060	0.115672	0.020329	0.005102	0.007934	0.006404	0.000900	0.000380	0.024412	0.000914	0.002776
Unrefrigerated Warehouse-No Rail	0.572464	0.055653	0.187060	0.115672	0.020329	0.005102	0.007934	0.006404	0.000900	0.000380	0.024412	0.000914	0.002776

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	97.9731	97.9731	0.0159	1.9200e-003	98.9419
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	97.9731	97.9731	0.0159	1.9200e-003	98.9419
NaturalGas Mitigated	5.4400e-003	0.0495	0.0416	3.0000e-004		3.7600e-003	3.7600e-003		3.7600e-003	3.7600e-003	0.0000	53.8639	53.8639	1.0300e-003	9.9000e-004	54.1840
NaturalGas Unmitigated	5.4400e-003	0.0495	0.0416	3.0000e-004		3.7600e-003	3.7600e-003		3.7600e-003	3.7600e-003	0.0000	53.8639	53.8639	1.0300e-003	9.9000e-004	54.1840

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1.00937e+006	5.4400e-003	0.0495	0.0416	3.0000e-004		3.7600e-003	3.7600e-003		3.7600e-003	3.7600e-003	0.0000	53.8639	53.8639	1.0300e-003	9.9000e-004	54.1840
Total		**5.4400e-003**	**0.0495**	**0.0416**	**3.0000e-004**		**3.7600e-003**	**3.7600e-003**		**3.7600e-003**	**3.7600e-003**	**0.0000**	**53.8639**	**53.8639**	**1.0300e-003**	**9.9000e-004**	**54.1840**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1.00937e+006	5.4400e-003	0.0495	0.0416	3.0000e-004		3.7600e-003	3.7600e-003		3.7600e-003	3.7600e-003	0.0000	53.8639	53.8639	1.0300e-003	9.9000e-004	54.1840
Total		**5.4400e-003**	**0.0495**	**0.0416**	**3.0000e-004**		**3.7600e-003**	**3.7600e-003**		**3.7600e-003**	**3.7600e-003**	**0.0000**	**53.8639**	**53.8639**	**1.0300e-003**	**9.9000e-004**	**54.1840**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	31920	2.9534	4.8000e-004	6.0000e-005	2.9826
Unrefrigerated Warehouse-No Rail	1.02698e+006	95.0198	0.0154	1.8600e-003	95.9594
Total		**97.9732**	**0.0159**	**1.9200e-003**	**98.9419**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	31920	2.9534	4.8000e-004	6.0000e-005	2.9826
Unrefrigerated Warehouse-No Rail	1.02698e+006	95.0198	0.0154	1.8600e-003	95.9594
Total		**97.9732**	**0.0159**	**1.9200e-003**	**98.9419**

6.0 Area Detail

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.3072	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3200e-003	9.3200e-003	2.0000e-005	0.0000	9.9300e-003
Unmitigated	1.3072	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3200e-003	9.3200e-003	2.0000e-005	0.0000	9.9300e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1549					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.1519					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.4000e-004	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3200e-003	9.3200e-003	2.0000e-005	0.0000	9.9300e-003
Total	**1.3072**	**4.0000e-005**	**4.7800e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**9.3200e-003**	**9.3200e-003**	**2.0000e-005**	**0.0000**	**9.9300e-003**

475 Sycamore Drive Project - Mitigation - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1549					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.1519					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.4000e-004	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3200e-003	9.3200e-003	2.0000e-005	0.0000	9.9300e-003
Total	**1.3072**	**4.0000e-005**	**4.7800e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**9.3200e-003**	**9.3200e-003**	**2.0000e-005**	**0.0000**	**9.9300e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	55.4973	2.2165	0.0529	126.6658
Unmitigated	55.4973	2.2165	0.0529	126.6658

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	67.8534 / 0	55.4973	2.2165	0.0529	126.6658
Total		**55.4973**	**2.2165**	**0.0529**	**126.6658**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	67.8534 / 0	55.4973	2.2165	0.0529	126.6658
Total		**55.4973**	**2.2165**	**0.0529**	**126.6658**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	55.9869	3.3087	0.0000	138.7053
Unmitigated	55.9869	3.3087	0.0000	138.7053

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	275.81	55.9869	3.3087	0.0000	138.7053
Total		**55.9869**	**3.3087**	**0.0000**	**138.7053**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	275.81	55.9869	3.3087	0.0000	138.7053
Total		**55.9869**	**3.3087**	**0.0000**	**138.7053**

9.0 Operational Offroad

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

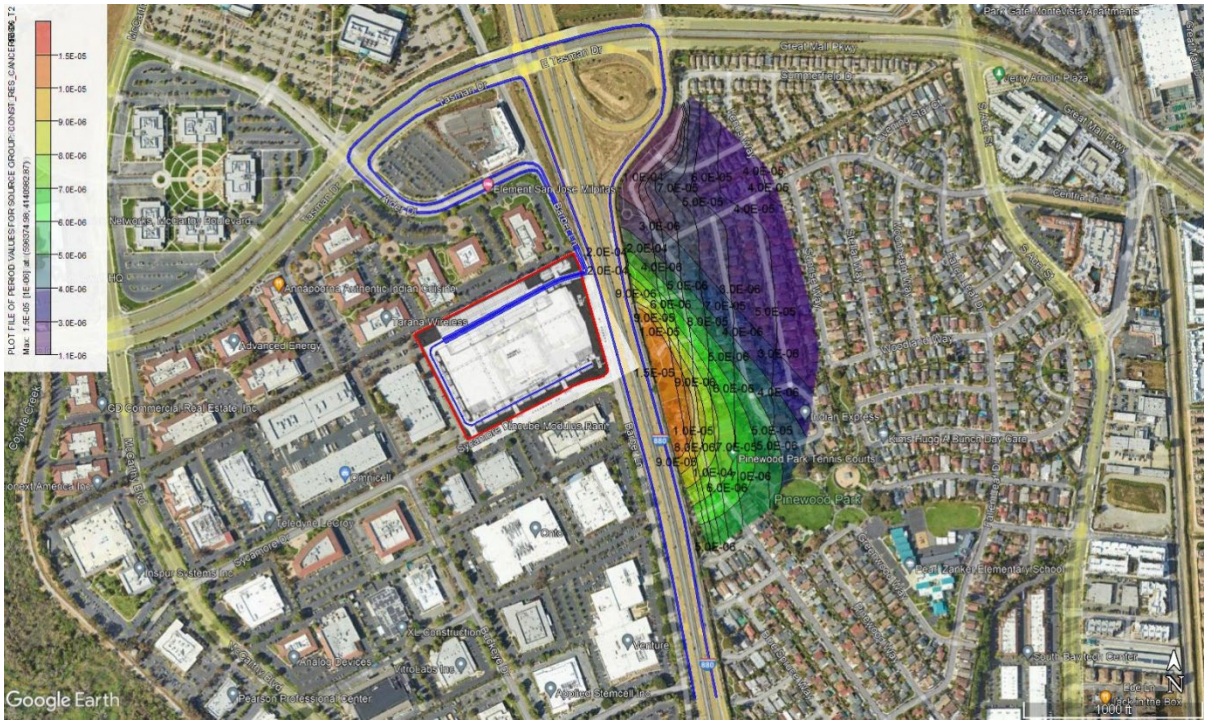
11.0 Vegetation

APPENDIX B

AERMOD RESULTS

Receptor Grid and Sources

Unmitigated Construction Cancer Risk



Unmitigated Construction Chronic Hazard Index

Unmitigated Construction $PM_{2.5}$ Concentrations

Mitigated Construction Cancer Risk

Mitigated Construction Chronic Hazard Index

Mitigated Construction $PM_{2.5}$ Concentrations

Operational Cancer Risk

Operational Chronic Hazard Index

Operational Acute Hazard Index

Operational $PM_{2.5}$ Concentrations

APPENDIX C

GEOTECHNICAL REPORT

DESIGN-LEVEL GEOTECHNICAL INVESTIGATION
PROPOSED WAREHOUSE DEVELOPMENT
501 SYCAMORE DRIVE
Milpitas, California

Mr. Jason Bernstein
Duke Realty Corporation
Oakland, California

2 August 2022
Project No. DI0025

Iwasa Consulting

Iwasa Consulting

25 Crescent Drive, #A349
Pleasant Hill, California 94523
1-510-610-8798
deaniwasa@comcast.net

2 August 2022
Project No. DI0025

Duke Realty Corporation
1904 Franklin Street, 8th Floor
Oakland, California 94612

Attention: Mr. Jason Bernstein, Director

Subject: Design-Level Geotechnical Investigation
Proposed Warehouse Development
501 Sycamore Drive
Milpitas, California

Dear Mr. Bernstein:

Enclosed is our design-level geotechnical investigation report for the proposed warehouse development at 501 Sycamore Drive in Milpitas, California. The site is bound by Sycamore Drive to the south, Barber Lane to the east, and commercial properties to the north and west. The site coordinates are 37.41101° north and 121.91348° west.

The approximately 14-acre site is relatively flat with ground elevations ranging between about 28.3 feet North American Vertical Datum of 1988 (NAVD88) along the eastern edge of the site to approximately 31.4 feet NAVD88 at the southwest corner. The site is currently occupied by three buildings with footprints of approximately 92,400, 36,100, and 57,000 square feet (sf), respectively, with landscaping, paved parking and driveway areas, and concrete walkway around the buildings.

Our understanding of the proposed project is based on our review of the drawings titled "Conceptual Site Plan, 501 Sycamore Drive, Milpitas, CA, Scheme 9," dated 28 September 2021 and "Preliminary Site Improvement Plans of 501 Sycamore Drive for Duke Realty, Milpitas, California," dated 22 March 2022, both prepared by HPA Architecture. We understand the project will include a new, approximately 289,200 sf concrete tilt-up building with a finish floor at about elevation 33 feet NAVD88 with a maximum concrete wall height of 52 feet. Loading docks with a concrete truck apron will be constructed along the northern edge of the building. The project structural engineer provided preliminary building dead plus real live load estimates of up to 118 kips per column and up to 9.2 kips per linear foot of wall. Asphalt paved parking and driveway areas will be constructed around the perimeter of the planned building. We understand the project will also include new underground utilities, hardscape, landscaping, and biotreatment basins. Also, we understand that Duke Realty Corporation would like to recycle and reuse existing concrete building materials and concrete and asphalt pavement materials, if these materials are found to be "clean" from an environmental standpoint.

This design-level geotechnical investigation report contains a discussion of our findings and conclusions regarding seismicity and potential seismic hazards, static and earthquake-induced settlement, and foundation design criteria. The primary geotechnical challenges that should be addressed during the design of the planned structure include the potential for total and differential liquefaction-induced settlement of up to 1.6 inches and up to about ¾ inch across a 50-foot distance, respectively, and the potential for total and differential recompression settlement under static loading conditions in the range

of ½ inch and ½ inch across a 50-foot distance, respectively. Based on our evaluation of these geotechnical conditions, we conclude that the proposed building foundations should be supported on a combination of shallow spread-type footings with ground improvement used beneath a portion of the building foundations where the potential for liquefaction-induced settlement is highest. Based on this design approach, we conclude that the proposed warehouse building foundations will be capable of supporting the planned structural loads, while limiting total and differential settlements (static plus seismic) to less than 1 inch and ½ inch across a 50-foot horizontal distance, respectively.

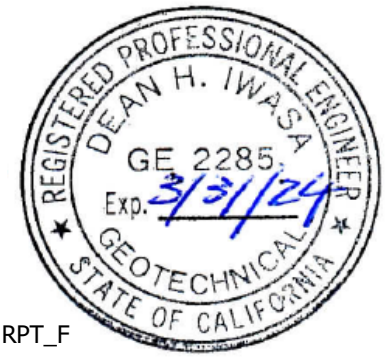
Ground improvements techniques, such as compaction grouting, rigid inclusions, Deep Soil Mix (DSM) columns, and others, can be used at the site to mitigate the adverse impacts associated with potentially liquefiable soils that lie primarily between the depths of about 20 and 31 feet below the existing ground surface at selected portions of the building footprint.

Our findings and recommendations regarding building foundations, ground improvement, pavements, and other geotechnical aspects of this project are presented in this geotechnical investigation report.

Our conclusions and recommendations are based on limited subsurface exploration and laboratory testing programs performed by us and others. Consequently, variations between expected and actual soil conditions may be found at localized areas during construction. Therefore, we should be retained to observe subgrade preparation, fill placement and compaction, and the installation of ground improvement, building foundations, underground utilities, biotreatment basins, and pavement sections, during which time we may make changes to our recommendations, if deemed necessary.

We appreciate the opportunity to work with you on this project. If you have any questions, please call.

Sincerely yours,
IWASA CONSULTING



Principal Engineer

2022-0802 – DI0025_501 Sycamore Drive, Milpitas, GTK RPT_F

Iwasa Consulting

TABLE OF CONTENTS

1.0 INTRODUCTION 1

2.0 PROJECT DESCRIPTION 1

3.0 SCOPE OF SERVICES 2

4.0 FIELD INVESTIGATION AND LABORATORY TESTING 3
- 4.1 CPTs by Iwasa Consulting 3
- 4.2 Borings, CPTs, and Testing by Others 4
  - 4.2.1 Borings and Laboratory Testing by Others 4
  - 4.2.2 Seismic CPTs by Others 5
  - 4.2.3 Percolation Testing by Others 5

5.0 SUBSURFACE CONDITIONS 6

6.0 FAULTING AND SEISMICITY 7

7.0 DISCUSSION AND CONCLUSIONS 9
- 7.1 Seismic Hazards 10
  - 7.1.1 Site Seismicity 10
  - 7.1.2 Soil Liquefaction and Associated Hazards 10
  - 7.1.3 Cyclic Densification 12
  - 7.1.4 Fault Rupture 12
- 7.2 Weak Fine-Grained Soil Deposits 13
- 7.3 Foundation Types and Settlement 13
- 7.4 Corrosion Potential 15
- 7.5 Construction Considerations 16

8.0 RECOMMENDATIONS 16
- 8.1 Site Preparation, Fill Placement, and Compaction 16
- 8.2 Subgrade Stabilization 19
- 8.3 Ground Improvement 19
- 8.4 Foundations 21
- 8.5 Seismic Design 22
- 8.6 Slab-on-Grade 23
- 8.7 Underground Utilities 24
- 8.8 Drainage and Landscaping 25
- 8.9 Exterior Concrete Slabs for Pedestrians 25
- 8.10 Flexible (Asphalt Concrete) Pavement Design 26
- 8.11 Rigid Pavement for Truck Apron 27
- 8.12 Loading Dock Retaining Walls 27
- 8.13 Corrosivity 28

9.0 GEOTECHNICAL SERVICES DURING CONSTRUCTION 28

10.0 LIMITATIONS 28

REFERENCES

FIGURES

APPENDIX A – Cone Penetration Tests by Iwasa Consulting

APPENDIX B – Boring Logs, Cone Penetration Tests, and Laboratory Test Results by Others

APPENDIX C – Soil Corrosivity Evaluation and Recommendations for Corrosion Control by Others

APPENDIX D – Site Response Analysis by Others

LIST OF TABLES

Table 1	Short Term Infiltration Rates (embedded, p. 6)
Table 2	WGCEP (2015) Estimates of 30-Yar Probability (2014 to 2043) of a Magnitude 6.7 or Greater Earthquake (embedded, p. 9)
Table 3	Computed Liquefaction-Induced Total Settlement (embedded, p. 11)
Table 4	Gradation Requirements for Capillary Moisture Break (embedded, p. 24)
Table 5	Flexible Pavement Design (embedded, p. 26)

LIST OF FIGURES

Figure 1	Site Location Map
Figure 2	Site Plan with Boring and CPT Locations
Figure 3	Site Plan with Estimated Liquefaction-Induced Settlement Contour Lines and Recommended Zone of Ground Improvement

DESIGN-LEVEL GEOTECHNICAL INVESTIGATION REPORT
501 Sycamore Drive
Milpitas, California

1.0 INTRODUCTION

This report presents the results of our design-level geotechnical investigation of the proposed warehouse development site at 501 Sycamore Drive in Milpitas, California. The site is bound by Sycamore Drive to the south, Barber Lane to the east, and commercial properties to the north and west. The approximate location of the site is shown on Figure 1. The site coordinates are 37.41101° north and 121.91348° west.

The approximately 14-acre site is relatively flat with ground elevations ranging between about 28.3 feet North American Vertical Datum of 1988 (NAVD88) along the eastern edge of the site to approximately 31.4 feet NAVD88 at the southwest corner. The site is currently occupied by three buildings with footprints of approximately 92,400, 36,100, and 57,000 square feet (sf), respectively, with landscaping, paved parking and driveway areas, and concrete walkways around the buildings. The approximate locations of the three buildings are shown on the site plan (see Figure 2).

2.0 PROJECT DESCRIPTION

Our understanding of the proposed project is based on our review of the drawings titled "Conceptual Site Plan, 501 Sycamore Drive, Milpitas, CA, Scheme 9," dated 28 September 2021 and "Preliminary Site Improvement Plans of 501 Sycamore Drive for Duke Realty, Milpitas, California," dated 22 March 2022, both prepared by HPA Architecture. We understand the project will include a new, approximately 289,200 sf concrete tilt-up building with a finish floor at about elevation 33 feet NAVD88 with a maximum concrete wall height of 52 feet. Loading docks with a concrete truck apron will be constructed along the northern edge of the building. The approximate location of the proposed building and parking and driveway areas are shown on Figure 2.

The project structural engineer provided preliminary building dead plus real live load estimates of up to 118 kips per column and up to 9.2 kips per linear foot of wall. The building floor will be designed to support uniform loads of up to 500 pounds per square foot (psf). We understand the proposed building will be designed with an 8-inch-thick concrete slab-on-grade floor. The project will also include a Portland cement concrete truck apron, asphalt concrete parking and driveway areas, loading docks,

underground utilities, exterior concrete sidewalks and other site flatwork, landscaping, and biotreatment basins. Also, we understand that Duke Realty Corporation plans to recycle and reuse existing concrete building materials and concrete and asphalt pavement materials, if these materials are found to be "clean" from an environmental standpoint. Therefore, current plans include: 1) segregating and recycling concrete material generated during the building demolition process, and 2) stripping, segregating, and reusing existing concrete and asphalt-concrete pavement materials and aggregate base for potential reuse beneath the planned building and pavement areas.

3.0 SCOPE OF SERVICES

The scope of our services was outlined in our professional services agreement dated 14 June 2022 and consisted of performing supplemental subsurface exploration at the site by performing six (6), approximately 80-foot-deep Cone Penetration Tests (CPTs), performing engineering analyses, and preparing this geotechnical investigation report. More specifically, our scope of services consisted of:

- applying for a drilling permit for the planned CPT work;
- visiting the site and marking the proposed CPT locations in white paint, notifying USA, checking the planned CPT locations for buried utilities and obstructions using a private utility locator subcontractor;
- preparing a Health & Safety Plan;
- performing six (6), approximately 80-foot-deep CPTs with pore pressure dissipation testing at each location;
- reviewing the previous geotechnical report prepared by others including the subsurface investigation data and geotechnical laboratory test results;
- reviewing the geotechnical and geologic documents available in-house and also from online resources;
- evaluating the potential for seismic and geologic hazards, including the potential for soil liquefaction and associated settlement;
- evaluating the amount of static and seismic settlement anticipated due to the presence of new and existing fill materials, proposed building foundation and floor slab loads, and new site improvements;
- evaluating foundation type(s) and design capacities for various foundation systems that are capable of supporting the planned warehouse structure and site improvements;
- developing design criteria for ground improvement and liquefaction settlement mitigation, as appropriate;

- developing design criteria for support of the concrete slab-on-grade floor and concrete truck apron;
- providing recommendations regarding the proposed earthwork, including excavation, fill placement, moisture conditioning, lime-treatment (if appropriate) and compaction of soil subgrade and onsite and imported fill;
- preparing design recommendations for flexible and rigid pavements; and
- presenting the results of the subsurface exploration program, laboratory testing, engineering analyses, and findings, conclusions, and recommendations in a written report.

4.0 FIELD INVESTIGATION AND LABORATORY TESTING

Subsurface conditions at the project site were explored by Iwasa Consulting and others. In June 2022, Iwasa Consulting performed six (6) CPTs at the project site to supplement the existing subsurface data. Kleinfelder previously investigated the subsurface conditions at the site by drilling five (5) borings, performing two (2) seismic CPTs, and performing three (3) percolation tests. The approximate locations of the CPTs, borings, and percolation tests by Iwasa Consulting and Kleinfelder are shown on Figure 2. A discuss of the subsurface exploration work is described below.

4.1 CPTs by Iwasa Consulting

On 27 June 2022, Iwasa Consulting explored the subsurface conditions at the site by advancing six (6) CPTs (designated as CPT-3, CPT-4, CPT-5, CPT-6, CPT-7, and CPT-8) to depths between about 80.8 and 81.1 feet below the existing ground surface (bgs), which correspond to elevations between about -49.0 and -53.0 feet NAVD88. Pore pressure dissipation tests were performed at each of the CPT locations to estimate the depth to groundwater. The approximate locations of the CPTs are shown on Figure 2. Prior to performing the CPTs, we obtained a drilling permit from the Santa Clara Valley Water District (SCVWD), marked the proposed CPT locations in white paint, notified Underground Service Alert (USA) as required by law, and retained a private utility locator to clear the CPT locations of conflicts with existing utilities.

The CPTs were performed by ConeTec of San Leandro, California. The CPTs consisted of hydraulically pushing an approximately 1.7-inch-diameter, cone-tipped probe using a rig with a push capacity of 30 tons. The cone tip measures tip resistance and the sleeve behind the cone tip measures frictional resistance. Electrical strain gauges within the cone continuously measure soil parameters during the entire depth the cone was advanced. Soil data, including tip resistance and frictional resistance, were

recorded and then processed to provide information for use in our geotechnical engineering analyses. The CPT logs generated by ConeTec for Iwasa Consulting, which show tip resistance, friction ratio, interpreted soil classifications, and strength are presented in Appendix A.

Pore pressure dissipation tests were performed at the six CPT locations at depths where granular soils were encountered. The results of the pore pressure dissipation tests provide estimates of the groundwater level encountered at the project site. The pore pressure dissipation test results are also presented in Appendix A.

Upon completion of the work, the CPT holes were backfilled with cement grout in accordance with the SCVWD requirements and under the oversight of the SCVWD grout inspector.

4.2 Borings, CPTs, and Testing by Others

Kleinfelder previously performed a subsurface exploration program at the site which consisted of drilling five (5) borings, performing two (2) seismic CPTs, and performing three (3) percolation tests. The approximate locations of these CPTs, borings, and percolation tests are shown on Figure 2.

4.2.1 Borings and Laboratory Testing by Others

The five borings (designated as B-1 through B-5) were drilled by Exploration Geosciences, Inc. of San Jose, California, on 3 September 2021 and 11 March 2022. Boring B-1, B-2, and B-3 were drilled using a Mobile B-40 truck-mounted drill rig and borings B-4 and B-5 were drilled using a Mobile B-53 truck-mounted drill rig. Each rig was equipped with hollow-stem augers and a mud rotary drilling system. The depths of the borings ranged from approximately 21-1/2 to 44-1/2 feet bgs. The logs of the Kleinfelder borings, along with an explanation of the logs, graphics, and descriptions, are presented in Appendix B.

Samples were obtained from the borings at selected depths by driving either a 2-1/2-inch-inside-diameter Modified California sampler with a liner or a 1-3/4-inch-inside-diameter, unlined standard penetration test (SPT) sampler into undisturbed soil with either a 140-pound automatic or wireline downhole hammer free-falling about 30 inches. Blow counts were recorded at 6-inch intervals for each sample attempt and are reported on the Kleinfelder boring logs. Blow counts have not been corrected for the effects of overburden pressure, rod length, sampler size, or hammer efficiency. However, sampler size correction factors were applied to the blow counts shown on the Kleinfelder boring logs. Soil samples obtained from

the borings were sealed and packaged in the field to reduce moisture loss and disturbance and transported to Kleinfelder's laboratory for further examination and testing.

Geotechnical and corrosivity laboratory tests were performed on selected samples by Kleinfelder. Geotechnical laboratory tests included: unit weight, moisture content, Atterberg limits, grain size, unconsolidated undrained triaxial shear strength (TxUU), and resistance value (R-value). The corrosivity tests included: redox potential, pH, electrical resistivity, soluble chloride, and soluble sulfate. The results of the geotechnical and corrosivity tests are presented in Appendix B.

4.2.2 Seismic CPTs by Others

Two seismic CPTs (designated as SCPT-1 and SCPT-2) were performed by ConeTec on behalf of Kleinfelder on 14 March 2022. The CPTs were advanced to a depth of approximately 101 feet bgs. The information gathered from the CPTs was used for subsurface characterization of the underlying soils and to measure the shear wave velocities at the site at various depths. SCPT-1 and SCPT-2 were hydraulically pushed into the subsurface soils, and soil and pore water pressure measurements were collected in a manner similar to the procedures described in Section 4.1. Seismic shear wave velocity measurements were also collected at SCPT-1 and SCPT-2 at approximate 1-meter increments to the bottoms of the probes. The results of the SCPT-1 and SCPT-2 subsurface exploration program are presented in Appendix B.

4.2.3 Percolation Testing by Others

Kleinfelder previously evaluated the hydraulic conductivity of the soils that project site by performing in-situ soil infiltration tests (designated as P-1, P-2, and P-3) in the vicinity of the proposed drainage basins at the northwest corner and north and south ends of the property. Three, 8-inch-diameter test holes were drilled by Exploration Geoservices to a depth of about 10 feet bgs. The test holes were pre-soaked for about 64-1/2 hours before initiating the infiltration tests. According to Kleinfelder, based on visual soil classification and laboratory testing of the soil samples, the upper approximately 10 feet of the subsurface soils consist predominantly of low plasticity clays with varying amounts of sand and silt. The following Table 1 summarizes the results of Kleinfelder's short-term in-situ infiltration test program, as presented in their report dated 22 April 2022.

TABLE 1 - Short-Term Infiltration Rates

Percolation Test Location	Depth (feet)	Soil Description	Tested Depth from Ground Surface (feet)	Short-Term Infiltration Rate (inch/hour)
P-1	0 to 10	Lean Clay with Sand (CL)	2-1/2 to 10	0.051
P-2	0 to 10	Sandy Lean Clay (CL) to Lean Clay with Sand (CL)	1 to 10	0.004
P-3	0 to 10	Silty Clay (CL-ML) to 7 feet; Fat Clay (CH) from 7 to 10 feet	1-1/2 to 10	0.017

According to the Kleinfelder report, the short-term infiltration rates presented in Table 1 have been reduced to account for non-vertical infiltration through the sides of the boreholes, but do not include any safety factors for long-term performance. While Santa Clara County does not provide specific guidance on a factor of safety, Iwasa Consulting recommends using a factor of safety of at least 3 due to the variability in the test results and to account for long-term performance.

The recommended design infiltration rates assume the basins are protected from unintended, indirect compaction during construction of the basins. If basin subgrade soils become densified during grading and/or construction, the exposed basin subgrade soils should be scarified or ripped to loosen the soil. Periodic maintenance of the infiltration ponds is necessary to maintain adequate infiltration rates. Maintenance should include repair of any eroded portion of the ponds, and removing any vegetation, organic matter, or soil sediment that may inhibit the infiltration of water into the underlying soil. In addition, supplemental infiltration tests should be performed along the bottom of the infiltration ponds during construction to confirm that the in-situ infiltration rates are consistent with the infiltration rates used in the design of the ponds.

5.0 SUBSURFACE CONDITIONS

The results of our supplemental subsurface investigation and review of the previous subsurface investigation data provided by Kleinfelder indicate that the site is predominately blanketed by medium

stiff to hard clay, sandy clay, and silts to depths of approximately 18 to 36 feet bgs, which correspond to elevations between about 10 to -0.5 feet NAVD88. The medium stiff layers of clay and silt range between approximately 1/8- to 9-1/2-feet thick, with an average layer thickness of about 2 feet. The laboratory test results indicate that soil samples collected from the upper 5 feet of clayey soil at the site has a low expansion potential with liquid limits (LLs) between 25 and 28 and plasticity indices (PIs) ranging from 10 to 11. The resistance value (R-value) tests performed on the near-surface soil indicate low values of 3 and 5.

An approximate 7- to 28-foot-thick layer of saturated, medium dense to dense sand and gravelly sand were encountered below the upper silt and clay layers. The sand and gravelly sand layer extends to depths of about 42 to 49 feet bgs, which corresponds to about -11-1/2 to -22 feet NAVD88. Clayey soil with occasional interbedded layers of sand, silty sand, and silt, was generally encountered below the sand and gravelly sand layer to the maximum depths explored of about 81 to 101 feet bgs.

The pore water dissipation tests performed at the CPT locations indicate groundwater depths that vary between about 9.4 and 12.8 feet bgs, which correspond to elevations between about 18.1 and 20 feet NAVD88. Based on the historical groundwater data obtained from the Seismic Hazard Zone Report for Milpitas 7.5-Minute Quadrangle, historic high groundwater levels lie between about 5 and 10 feet bgs. Iwasa Consulting recommends using a design groundwater depth of 9 feet bgs. Note that groundwater conditions at the site could change due to variations in rainfall, groundwater withdrawal or recharge, construction activities, well pumping, or other factor not apparent at the time the explorations were performed.

According to the Kleinfelder boring logs (see Appendix B), the existing asphalt-concrete pavement sections vary between 8 inches thick at boring B-1, 10 inches thick at boring B-2, 12 inches thick at boring B-3, and 6 inches thick at borings B-4 and B-5.

6.0 FAULTING AND SEISMICITY

The major active faults in the area include the Hayward, Calaveras, Monte Vista, San Andreas, and Sargent Faults, which lie approximately 5, 10, 18, 23, and 30 kilometers from the project site. In addition, the Working Group on California Earthquake Probabilities (WGCEP, 2015) has identified the Silver Creek fault as being located about 1.6 kilometer to the southwest of the site.

Moderate to major earthquakes generated on active faults in the region can be expected to cause strong ground shaking at the site. In 1868, an earthquake with an estimated maximum intensity of X on the Modified Mercalli (MM) scale occurred on the southern segment (between San Leandro and Fremont) of the Hayward Fault. The estimated Moment magnitude[1] (M_w) for the earthquake is 7.0. In 1861, an earthquake of unknown magnitude (probably a M_w of about 6.5) was reported on the Calaveras Fault. The most recent significant earthquake on this fault was the 1984 Morgan Hill earthquake (M_w = 6.2).

Since 1800, four major earthquakes have been recorded on the San Andreas Fault. In 1836, an earthquake with an estimated maximum intensity of VII on the Modified Mercalli (MM) scale occurred east of Monterey Bay on the San Andreas Fault (Toppozada and Borchardt 1998). The estimated Moment magnitude, M_w, for this earthquake is about 6-1/4. In 1838, an earthquake occurred with an estimated intensity of about VIII-IX (MM), corresponding to a M_w of about 7-1/2. The San Francisco Earthquake of 1906 caused the most significant damage in the history of the Bay Area in terms of loss of lives and property damage. This earthquake created a surface rupture along the San Andreas Fault from Shelter Cove to San Juan Bautista approximately 470 kilometers in length. It had a maximum intensity of XI (MM), a M_w of about 7.9, and was felt 560 kilometers away in Oregon, Nevada, and Los Angeles. The Loma Prieta Earthquake occurred on 17 October 1989 in the Santa Cruz Mountains with a M_w of 6.9; the epicenter was approximately 42 km from the site.

The most recent earthquake to affect the Bay Area occurred on 24 August 2014 and was located on the West Napa fault, approximately 90 kilometers from the site, with a M_w of 6.0.

The 2014 Working Group on California Earthquake Probabilities (WGCEP 2015) at the U.S. Geologic Survey (USGS) predicted a 72 percent probability of a magnitude 6.7 or greater earthquake occurring in the San Francisco Bay Area in 30 years. More specific estimates of the probabilities for different faults in the Bay Area are presented in Table 2.

[1] Moment magnitude is an energy-based scale and provides a physically meaningful measure of the size of a faulting event. Moment magnitude is directly related to average slip and fault rupture area.

TABLE 2
WGCEP (2015) Estimates of 30-Year Probability (2014 to 2043) of a Magnitude 6.7 or Greater Earthquake

Fault	Probability (percent)
N. San Andreas	33
Hayward-Rodgers Creek	32
Calaveras	25
Green Valley	7
San Gregorio	6

7.0 DISCUSSION AND CONCLUSIONS

From a geotechnical standpoint, we conclude that the proposed warehouse project can be developed as planned, provided the building and site improvements are designed and constructed in accordance with the recommendations presented in this design-level geotechnical investigation report. Based on our review and analysis of the subsurface information developed by Iwasa Consulting and others, we conclude the primary geotechnical challenges associated with the project include:

- site seismicity and potential seismic hazards, including liquefaction-induced settlement;
- the presence of relatively thin and isolated layers of medium stiff silt and clay within the upper 21 to 36 feet of the site that are weak and potentially susceptible to recompression settlement under the weight of new fill and building loads;
- relatively shallow groundwater; and
- selection of an appropriate foundation system for support of the proposed structure.

These and other geotechnical issues as they pertain to the proposed development are discussed below.

7.1 Seismic Hazards

The project site is not located within an Earthquake Fault Zone as defined by the California Geological Survey (CGS) in accordance with the Alquist-Priolo Earthquake Fault Zone Act of 1972. However, during a major earthquake on a segment of one of the regional faults, strong ground shaking is expected to occur at the site. Strong ground shaking can result in ground failures, such as those associated with soil liquefaction, lateral spreading,[2] and cyclic densification.[3] The results of our evaluation are presented in the following sections of this report.

7.1.1 Site Seismicity

A seismic hazard analysis was performed using the United States Geological Survey (USGS) Unified Hazard Tool (http://earthquake.usgs.gov/hazards/interactive/) website. Our deaggregation analysis utilized the USGS Dynamic Conterminous U.S. 2014 (v.4.2) edition. For our analysis, we reviewed the seismic CPT results provided by Kleinfelder and selected shear wave velocities for the upper 100 feet (30 meters) of the site (V_{s30}) of 791 and 851 feet per second (ft/s). These averaged shear wave velocity values are typical of stiff soil conditions and the variation in values is primarily associated with the strength and thickness of weak soil deposits in the upper 30 to 40 feet of the site. Based on the seismicity of faults that may impact the site, an earthquake with a M_W of 6.9 was selected for our evaluation. The risk-based site-modified peak ground acceleration (PGA_M) associated with a Maximum Considered Earthquake (MCE) at the site is 0.65g. This value was computed using the California Office of Statewide Health Planning and Development (OSHPD) and Structural Engineers Association of California (SEAOC) Seismic Design Maps.

7.1.2 Soil Liquefaction and Associated Hazards

Liquefaction is the process in which saturated, cohesionless soil experiences a temporary loss of strength due to the buildup of excess pore water pressure during cyclic loading resulting from earthquake ground motions. The type of soils most susceptible to liquefaction are loose, clean, saturated, uniformly graded

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[2] Lateral spreading is a phenomenon in which surficial soil displaces along a shear zone that has formed within an underlying liquefied layer. Upon reaching mobilization, the surficial blocks are transported downslope or in the direction of a free face by earthquake and gravitational forces.

[3] Cyclic densification is a phenomenon in which non-saturated, cohesionless soil is densified by earthquake vibrations, causing ground-surface settlement.

sand and silt that have low clay content. Flow failure, lateral spreading, differential settlement, loss of bearing strength, ground fissures, and sand boils are evidence of liquefaction.

We evaluated the potential for soil liquefaction at the site by performing analyses in accordance with the Boulanger & Idriss (2014) procedure using the computer program CLiq (v.3.4.1.4) by GeoLogismiki. The CPT data used for the analyses were processed to identify transition layers between soil types and incorporated a depth weighting factor (Cetin et al, 2009) which reduces the impact of volumetric strain at deeper depths. For the liquefaction analyses, we selection an MCE event with a M_W of 6.9 and a PGA_M of 0.65g, and depth to groundwater of 9 feet bgs. Based on these input parameters, we performed the liquefaction analyses and concluded that the potential for liquefaction to occur within the upper 50 feet of the site is low to moderate. At the locations listed in the table below, we computed total liquefaction-induced settlements as follows:

TABLE 3

Computed Liquefaction-Induced Total Settlement

Location	Liquefaction-Induced Total Settlement (inches)
SCPT-1	0.4
SCPT-2	1.4
CPT-3	1.6
CPT-4	0.6
CPT-5	1.6
CPT-6	0.3
CPT-7	0.3
CPT-8	0.1

Interpolated contour lines that show the computed liquefaction-induced settlement across the proposed building footprint are presented on Figure 3. As indicated on this figure, roughly one-half of the proposed building footprint is expected to experience greater than one inch of liquefaction-induced settlement during and/or immediately after a large seismic event on one of the nearby active faults. Differential liquefaction-induced settlement is estimated to be up to about 3/4 inches across a 50-foot

horizontal distance. We also estimated the depth intervals at which potentially liquefiable soils below these depths would result in total settlement of less than about 1/2 inch. These depth intervals are as follows: 20 to 25 feet bgs, 20 to 31 feet bgs, and 23 to 28 feet bgs at SCPT-2, CPT-3, and CPT-5 locations, respectively.

We also evaluated the potential for liquefaction-related secondary effects, such as sand boils and lurch cracking. For this analysis, we compared the thickness of the overlying layer of fine-grained non-liquefiable soil to the thickness of the underlying potentially liquefiable soil layers. We estimate that the thickness of the overlying non-liquefiable soils across the site ranges between 21 and 36 feet and the underlying potentially liquefiable soil layers range in cumulative thicknesses between roughly 2.5 to 11.3 feet at the CPT locations with an average cumulative thickness of liquefiable soils about 7 feet at each location. Based on this comparison of non-liquefiable soil thickness over cumulative thickness of potentially liquefiable soils, we conclude that there is sufficient thickness of non-liquefiable soil over potentially liquefiable soils to prevent liquefaction-related secondary effects, such as sand boils and lurch cracking, from occurring at the site.

7.1.3 Cyclic Densification

Seismically-induced compaction or densification of non-saturated granular soil (such as sand above the groundwater table) due to earthquake vibrations can result in settlement of the ground surface. We analyzed the site using the procedure outlined by Tokimatsu and Seed (1987). Based on the results of this analysis, we concluded that the soils above the groundwater table primarily consist of interbedded layers of clays and silts. These materials are generally not susceptible to cyclic densification and therefore, we conclude that the potential for cyclic densification settlement is low.

7.1.4 Fault Rupture

The site is not located within a currently established Alquist-Priolo Earthquake Fault Zone, as defined by the Alquist-Priolo Earthquake Fault Zoning Act. Historically, ground surface displacements closely follow the trace of geologically young faults. Since the site in not within an Earthquake Fault Zone and no known active or potentially active faults exist on the site, we conclude the risk of surface faulting and secondary ground failure at the site is low.

7.2 Weak Fine-Grained Soil Deposits

Based on our review of the CPT data, we conclude that the project site is underlain by occasional layers of relatively weak, medium stiff silt and clay, especially within the upper portion of SCPT-1. During the placement of new fill, foundations, and floor loads, we estimate that these medium stiff layers of silt and clay will experience increases in soil stresses that result in settlement under static loading conditions. We performed settlement analyses and concluded that the ground surface at the site will experience about ½ inch of recompression related settlement and up to ½ inch of differential settlement across a 50-foot horizontal distance. We estimate that the recompression settlement will occur relatively quickly as the fill and building loads are being applied during construction. However, considering that the heavy floor loads will not be applied to the warehouse floor area until after the building and slab have been constructed, we conclude that the planned slab-on-grade floor is still likely to experience about ¼ to ½ inch of post-construction recompression settlement under static loading conditions. These relatively weak layers of medium stiff silt and clay will also limit the allowable bearing capacity of new shallow spread footings.

7.3 Foundation Types and Settlement

We evaluated the suitability of various foundation options for support of the new building, including shallow spread-type footings, shallow spread-type footings bearing on improved ground, and deep foundations, such as drilled or driven piles.

Shallow spread-type footings are typically the most economical foundation system for support of new structures. For the proposed building, if shallow spread-type footings are selected and supported directly on a rough graded site with up to 4 feet of new fill, we conclude that the new building foundations will experience up to about ½ inch of total post-construction settlement and about ¼ to ½ inch of differential settlement across a horizontal distance of 50 feet. In addition, during a major earthquake on one of the nearby active faults, strong ground shaking at the site may trigger soil liquefaction-induced total settlement of up to about 1.6 inches and up to approximately 3/4 inch of differential settlement across a 50-foot horizontal distance. We understand that these magnitudes of total and differential settlements exceed the project design criteria, and therefore, either an exception to the design criteria should be adopted or a differential foundation option should be selected at locations where the anticipated settlement exceeds the project design criteria.

We evaluated various deep foundation systems, such as drilled or driven piles. These foundation systems can be used to support the planned building. However, deep foundations are typically less economical than shallow foundation bearing on improved ground, especially when used to support heavy warehouse building foundation and floor loads. Based on our past experiences with similar projects, we conclude that a foundation system consisting of shallow spread-type footings bearing on improved ground is the preferred option, provided that the ground improvement is designed and constructed in a manner that reduces the potential for total and differential settlement of the building foundations under both static and seismic loading conditions.

Ground improvement systems are designed and constructed by specialty contractors with proprietary equipment and/or construction techniques. Therefore, the final ground improvement design-build drawings, calculations, and specifications should be provided by the ground improvement contractor and reviewed and approved by Iwasa Consulting and the project structural engineer. Typical ground improvement options for mitigating the liquefaction settlement hazard, as modeled at the site include: 1) compaction grouting, 2) rigid inclusions, such as drilled displacement elements consisting of columns of unreinforced sand-cement slurry and/or lean concrete, or 3) Deep Soil Mix (DSM) columns.

Compaction grouting consists of driving a small diameter pipe into the loose to medium dense soil to be improved and injecting a cementitious low-slump grout under pressure. The grout does not penetrate the voids but will instead expands under pressure to form a bulb. The bulb causes densification of the surrounding soil. The ground improvement should be confirmed by performing additional test borings or CPTs within the treated area to evaluate the relative density of the improved soil. Based on our past experiences, compaction grouting is typically performed at a horizontal spacing of 6 to 8 feet between grout points. Note that ground improvement using compaction grouting requires sufficient overburden pressure to confine the soil and allow it to compact under pressure. Typically, at depths deeper than about 10 feet bgs, the overburden pressure (i.e., weight of soil above) is sufficient to compact the loose to medium dense sandy soil. At shallower depths, the effectiveness of compaction grouting is reduced. Typically, a test section is performed before beginning the production grouting process to confirm that the contractor's proposed method and equipment are capable of achieving the required soil density at the appropriate soil depths. General design criteria for shallow foundations bearing on improved ground are provided in the recommendations section of this report.

The rigid inclusions and/or DSM column ground improvement elements will typically be overlain by a load transfer layer (LTL) designed by the ground improvement contractor. A typical LTL consist of an approximately 18- to 30-inch-thick layer of well-graded granular fill, such as California Department of Transportation (Caltrans) Class 2 aggregate base or excess non-expansive soil-cement mix material that has been well compacted. The improved ground should be capable of supporting the building loads provided by the project structural engineer without causing bearing capacity failures. Total and differential foundation settlements under static plus seismic loading conditions should be limited to less than 1 inch and less than ½ inch over a 50-foot-distance, respectively. General design criteria for shallow foundations bearing on improved ground are provided in the recommendations section of this report.

In our opinion, ground improvement techniques, such as compaction grouting, rigid inclusions, or DSM columns, can used to mitigate the potential liquefaction-induced settlement hazard at the site as described in Section 7.1.2 and are capable of supporting the proposed building loads while limiting total and differential foundation settlements under static plus seismic loading conditions to less than 1 inch and less than ½ inch over a 50-foot-horizontal distance, respectively.

7.4 Corrosion Potential

The corrosion potential of the near-surface soil was evaluated as part of the previous geotechnical investigation performed by Kleinfelder. The results of the corrosion testing are presented in Appendix B of this report, which indicate the near-surface soil at the site has a minimum resistivity of 1,100 ohm-cm, a chloride concentration of 15 mg/kg, a sulfate concentration of 27 mg/kg, and a pH of 9.01. Based upon the resistivity measurements, the near-surface soil sample is characterized as "corrosive" to buried iron, steel, cast iron, ductile iron, galvanized steel and dielectric coated steel or iron as indicated in the brief evaluation provided by CERCO Analytical, Inc. of Concord. Therefore, these types of underground utilities should be properly protected against corrosion depending upon the critical nature of the structure. For example, all buried metallic pressure piping such as ductile iron firewater pipelines should be protected against corrosion. Based on the results of chloride and sulfate ion concentrations and pH, the near-surface soil was determined to be insufficient to attack or damage reinforced concrete structures or steel embedded in a concrete mortar coating. The redox potential is indicative of "moderately corrosive" soils resulting from anaerobic soil conditions.

In March 2022, a site corrosivity evaluation was performed by JDH Corrosion Consultants, Inc. (JDH) on behalf of Kleinfelder and JDH provided recommendations for long-term corrosion control for the proposed materials to be used to construct underground utilities at the site. The results of JDH's evaluation and their recommendations are presented in Appendix C of this report.

7.5 Construction Considerations

Existing underground utilities at the site may require removal and/or abandonment prior to the start of new construction. The proposed excavations for new building construction are not likely to extend below the existing groundwater level. However, if site grading is performed during inclement weather, the exposed soil subgrade may become wet and difficult to compact. Also, during summer weather conditions, the exposed subgrade may become dry. The grading contractor should be prepared to moisture-condition and repair weak subgrade, if required.

8.0 RECOMMENDATIONS

Our design recommendations for site preparation and grading, fill placement and compaction, ground improvement, building foundations, slabs-on-grade, asphalt-concrete pavements, and other geotechnical aspects of the project are presented in the remainder of this report.

8.1 Site Preparation, Fill Placement, and Compaction

The site is relatively flat and currently occupied by three buildings with footprints of approximately 92,400, 36,100, and 57,000 sf, respectively, landscaping, paved parking and driveway areas, and concrete walkways around the buildings, as shown on Figure 2. Current plans are to demolish the existing structures and paved surfaces and recycle and reuse existing concrete building materials and concrete and asphalt pavement materials, if these materials are found to be "clean" from an environmental standpoint. Therefore, reusable concrete, asphalt concrete, and granular materials should be removed from the planned building and parking areas, processed (i.e., crushed and blended) onsite to meet the requirements for either: 1) Caltrans Class 2 aggregate base for reuse in the planned paved parking and driveway areas, 2) ¾-inch uniformly graded crushed rock or concrete with less than 5 percent fines (i.e., percent by weight passing the No. 200 sieve size) for reuse as capillary break material, or 3) select non-expansive fill for reuse beneath the planned building foundations and slab-on-grade floor, as described below.

Subsequently, the site should be stripped of soil containing any vegetation and organic topsoil and the proposed building and parking lot areas should be cleared of existing underground obstructions (if any are present). Stripped organic soil can be stockpiled on-site for later use in landscaped areas, if approved by the owner and architect. Existing utilities within the proposed building footprint and within the upper 4 feet of the planned parking and driveway areas should be completely removed. Where existing utilities within proposed parking lot areas are deeper than 4 feet bgs, the utilities may either be removed, as described above, or abandoned in place by exposing, cutting, and capping the ends of the lines, and placing a flowable cement grout within the lines to fill existing voids. We recommend that abandoned-in-place lines be grouted in 100-foot-linear sections to confirm that grout has fully filled the abandoned pipe.

To provide firm support for the proposed building foundations and slab-on-grade floors, the proposed building pads should be over-excavated after clearing and grubbing are completed to accommodate at least a 2-foot-thick layer of compacted fill beneath the bottoms of proposed foundations and slab-on-grade floor. The proposed compacted fill layer should extend a horizontal distance of at least three feet beyond the footprints of the new foundations and edges of the proposed floor slab.

Excavations resulting from site stripping and clearing activities and/or over-excavation should be properly backfilled with on-site or imported non-expansive select fill that has been properly moisture-conditioned and compacted, as described below. The soil subgrade exposed at the bottoms of the proposed building and slab excavations, as well as other portions of the site that will receive new fill or site improvements, should be scarified to a depth of at least eight inches, moisture-conditioned to above the optimum moisture content, and compacted to at least 90 percent relative compaction[4]. An exception to this general procedure occurs within the proposed pavement areas, where the upper 12 inches of the pavement subgrade should be compacted to at least 95 percent relative compaction. If areas of weak soil are encountered during subgrade preparation, we recommend the proposed building pads and pavement areas be repaired by using one of the subgrade repair options presented in a subsequent section of this report. The soil subgrade should be kept moist during construction to prevent desiccation cracks.

[4] Relative compaction refers to the in-place dry density of soil expressed as a percentage of the maximum dry density of the same material, as determined by the ASTM D1557 laboratory compaction procedure.

Where utility trenches enter the building pads, we recommend that a low permeable plug consisting of lean concrete at least five feet in length be installed at the building line. Further, where sand- or gravel-backfilled trenches cross planter areas and pass below asphalt or concrete pavements, a similar plug should be placed at the edge of the pavement. The purpose of these plugs is to reduce the potential for water to become trapped in trenches beneath the buildings or pavements. This trapped water can cause softening of subgrade soil beneath foundations, floor slabs, and pavements.

We recommend that all fill placed at the site meet the requirements for select non-expansive fill, Caltrans Class 2 aggregate base, or ¾-inch uniformly graded crushed rock or concrete. Select non-expansive fill should be free of organic matter, be non-hazardous, contain no rocks or lumps greater than 3 inches in greatest dimension, have a liquid limit of less than 40 and a plasticity index lower than 12, and be approved by the geotechnical engineer. Select non-expansive fill should be placed in horizontal lifts not exceeding 8 inches in uncompacted thickness, moisture-conditioned to above the optimum moisture content, and compacted to at least 90 percent relative compaction, except if the fill is placed beneath proposed building footings or within the upper 12 inches of the planned building slab-on-grade floor and pavement areas, where we recommend that the non-expansive select fill be compacted to at least 95 percent relative compaction. Where used, sand containing less than 10 percent fines (particles passing the No. 200 sieve) should be compacted to at least 95 percent relative compaction. The laboratory test results provided by others (see Appendix B) indicates that the near-surface soils at the site have a low expansion potential. Based on these results, the existing onsite near-surface soils appear to be suitable for reuse as non-expansive fill at the site. Class 2 aggregate base material should be placed in a manner similar to non-expansive select fill, except that it should be compacted to at least 95 percent relative compaction. Uniformly graded crushed rock or concrete should be placed and compacted using a smooth drum roller and the checked for compaction by a representative of Iwasa Consulting using a thin steel probe.

Samples of proposed import fill materials should be submitted to the geotechnical engineer for approval at least three business days prior to use at the site. The grading subcontractor should also provide analytical test results or other suitable environmental documentation to the project environmental engineer for approval prior to importing fill to the site.

8.2 Subgrade Stabilization

In areas where wet and/or weak subgrade soils are encountered, several alternatives to mitigate this problem are provided as follows:

1) Scarify and aerate the upper 12 to 24 inches of soil to reduce its moisture content so that it can be compacted to meet the project requirements. For this alternative, several weeks of dry, warm weather may be required, and up to 12 inches of soil may need to be removed to allow deeper aeration and then placed back and compacted.

2) Mix and compact the upper 12 to 18 inches of the weak soil with a Quicklime Plus admixture or equivalent lime/cement-based material at a concentration of at least 5 percent of the dry weight of soil being treated. Note that the Quicklime Plus or equivalent admixture will raise the pH of the soil, which could adversely impact plants; therefore, we suggest that the landscape architect should be consulted prior to the selection of this subgrade repair alternative.

3) Over-excavate the upper 12 to 18 inches of the weak soil and backfill with a lean concrete backfill with a minimum unconfined compressive strength of at least 100 pounds per square inch (psi) at 28 days.

4) Over-excavate the upper 12 to 24 inches of the weak soil, place a geotextile stabilization fabric (Mirafi 500X or equivalent) over the sides and bottoms of the over-excavated areas, and place and compact granular fill, such as ½- to ¾-inch crushed rock or Class 2 aggregate base, over the geotextile tensile fabric. Alternatively, triaxial geogrid (Tensar TX7 or equivalent) can be used in lieu of the geotextile stabilization fabric.

We recommend a non-vibratory roller be used to compact weak and/or wet subgrade soil. The most appropriate alternative will depend on the time of year that site grading commences and how much time is available to allow for drying of the soil.

8.3 Ground Improvement

Ground improvement system are typically designed and constructed by specialty contractors with proprietary equipment and/or proprietary construction techniques. Therefore, the final ground improvement design-build drawings, calculations, and specifications should be provided by the ground improvement contractor and reviewed and approved by Iwasa Consulting and the project structural

engineer. We recommend that the ground improvement design for the site meet the following minimum criteria:

- Ground improvement should be capable of supporting the building foundation loads provided by the project structural engineer, while limiting total and differential settlements of the planned building foundations to less than one inch and less than 0.5 inch over a 50-foot horizontal distance, respectively, under static plus seismic loading conditions. This criterion also applies to a minimum 25-foot-wide transition area between foundations supported within the recommended ground improvement zone (see Figure 3) and those supported in areas where ground improvement is not required. The transition area requirement is considered an additional safety factor to ensure that ground improvement is used beneath portions of footings that are within 25 feet of the ground improvement zone limits.

- The ground improvement system should, as a minimum, be designed to reduce the potential for foundation settlement associated with liquefaction of granular soil layers between the depths of 20 and 31 feet bgs for foundations located within the recommended ground improvement zone (see Figure 3) and 25 feet beyond the zone (i.e., transition area). The ground improvement design should consider the depth of potentially liquefiable soils and width of ground improvement area necessary for support of the proposed building footings.

- The ground improvement method and construction procedure should be capable of implementing/installing the improvement through variable subsurface soil and groundwater conditions as described in this report for foundations located within the recommended ground improvement zone (see Figure 3) and 25 feet beyond the zone (i.e., transition area).

- If compaction grouting is selected for use as the preferred ground improvement technique, test sections should be performed prior to the start of production grouting along with a supplemental CPTs investigation program to confirm that the selected grout-hole spacing and grout take quantities are capable of mitigating the adverse impacts of soil liquefaction on the planned foundations located within the recommended zone of ground improvement (see Figure 3) and 25 feet beyond the zone (i.e., transition area).

- If deep ground improvement elements, such as drilled displacement elements or DSM columns are selected for use at the site, testing (modulus and/or load testing) should be performed on ground improvement elements to confirm the design assumptions. A minimum of two elements will need to be tested prior to the start of the production element installation.

8.4 Foundations

We recommend that the proposed building be supported on conventional shallow, spread-type footings that bear on at least a two-foot-thick layer of compacted fill. In addition, ground improvement should be performed beneath planned foundations that lie within the recommendation zone of ground improvement, as previously described in Section 8.3, and 25 feet beyond the zone (i.e., transition area).

The planned structure can be supported on conventional isolated and/or continuous, shallow spread-type footings that bear on at least a two-foot-thick layer of compacted fill. Subgrade preparation and fill compaction requirements for the proposed two-foot-thick layer of fill were previously described in Section 8.1. Continuous and isolated footings should be at least 24 inches wide and embedded at least 24 inches below the lowest adjacent grade. In addition, footings located adjacent to utility trenches and biotreatment basins should bear at a depth below an imaginary plane projected upward at an inclination of 1.5:1 (horizontal to vertical) from the bottom outside edge of the trenches and an inclination of 2:1 from the bottom edges of biotreatment basin excavations, respectively. If the recommended setback criterion cannot be achieved, we should be notified of the condition so that an alternative design recommendation can be provided.

We recommend the proposed footings be designed using an allowable dead plus real live (DL+LL) bearing capacity of 2,500 psf for dead plus live load conditions. This value includes a factor of safety of about 2.0 and may be increased by one-third for total loads, including wind or seismic forces.

Lateral loads can be resisted by a combination of passive pressures on the embedded vertical faces of footings, and friction along the base of the foundation elements. Passive resistance may be calculated using an equivalent fluid weight of 350 pounds per cubic foot (pcf). The upper one foot of soil should be neglected unless it is confined by a slab or pavement. Frictional resistances should be computed using a coefficient of 0.35 between the base of the footing and the subgrade soil. These values include a factor of safety of approximately 1.5 and may be used in combination without reduction.

The bottoms and sides of the footings should be maintained in a moist condition until concrete is placed. The footing excavations should be free of standing water, debris, and disturbed materials. We should check footing excavations prior to the placement of reinforcing steel. If weak soil is encountered in the footing excavations, it should be removed and replaced with properly compacted fill or lean concrete or sand-cement slurry with a 28-day unconfined compressive strength of at least 100 psi.

Uplift loads may be resisted by the weight of the footing and any overlying soil. Drilled piers may be used if footings are inadequate to provide the necessary uplift resistance.

8.5 Seismic Design

Seismic design parameters were previously developed for the site by Kleinfelder in 2022 and are presented in Appendix D of this geotechnical investigation report. Iwasa Consulting concurs with Kleinfelder's conclusions, and the analysis is summarized as follows. There is a potential for soil liquefaction at the site in layers that extend below the depth of about 20 feet bgs. The planned building will have a period of less than ½ second and therefore, a site response analysis (SRA) was not required. However, the SRA was still performed by Kleinfelder to better characterize the response of the site under seismic loading conditions. The SRA was performed in general accordance with Section 21.1 of ASCE 7-16. The average shear wave velocity for the site was estimated based on the information developed from shear wave velocity testing at SCPT-1 and SCPT-2 (see results in Appendix B). Five (5) acceleration time histories were selected by Kleinfelder and spectrally modified based on the target spectral shape, earthquake magnitude, distance, site condition, frequency content, and other factors from the historical earthquake records. Non-linear site response analyses were performed for the site soil profile using the spectrally-matched time histories. The results of the analyses were used to develop the site-specific design acceleration response spectrum and seismic design parameters in general accordance with Sections 21.3 and 21.4 of ASCE 7-16, respectively. The analysis of shear wave velocity data concluded that the site is classified as Site Class D per Section 20.3.1 of ASCE 7-16. Kleinfelder selected four of the Next Generation Attenuation (NGA) West 2 relationships for modeling all crustal faults, including reverse, strike-slip and normal faults. Spectral acceleration values were obtained by averaging the individual hazard results. These ground motion models provided "mean" values of ground motions associated with magnitude, distance, site soil conditions, and mechanism of faulting.

A ground motion hazard analysis was performed by Kleinfelder in accordance with Section 21.2 of ASCE 7-16, using a site-specific ground motion hazard analysis procedure, which is based on the lesser of: 1)

the probabilistic MCE_R ground motion taken as the five percent damped uniform hazard spectrum for a 2 percent probability of exceedance in 50 years (i.e., return period of about 2,475 years) adjusted for risk factors and for the maximum direction, and 2) the deterministic MCE_R ground motion taken as the 84th percentile (median + 1 standard deviation) deterministic values (adjusted for the maximum direction) from the controlling fault(s) factored as required by Section 21.2.2 of ASCE 7-16. The resulting site-specific spectrum may not be less than 80 percent of the code spectrum developed in accordance with Chapter 11 of ASCE 7-16.

The final results of Kleinfelder's SRA are presented in Appendix D of this report (see Kleinfelder's Figure F-19, titled Site-Specific Horizontal MCE_R and Design Response Spectrum 5% Damping).

8.6 Slab-on-Grade

The soil subgrade beneath slab-on-grade floors should be prepared and compacted, as described in Section 8.1. The subgrade should not be allowed to dry during construction. If the previously compacted pad subgrade is disturbed during foundation and/or utility excavation, the subgrade should be scarified, moisture-conditioned, and rerolled to provide a firm, unyielding surface.

We recommend that the proposed slab-on-grade floor for the warehouse building be underlain by a minimum 6-inch-thick layer of Caltrans Class 2 aggregate base, compacted in accordance with the recommendations presented in Section 8.1. At building locations where water vapor transmission through the floor slab is unwanted, such as at offices locations where flooring materials may be installed, we recommend installing a capillary moisture break and a 15-mil Class A water vapor retarder that meets the requirements of ASTM E1745 between the top of the capillary moisture break and the bottom of the slab-on-grade floor. The water vapor retarder should be installed in accordance with the requirements of ASTM E1643. These requirements include overlapping seams by six inches, taping seams, and sealing penetrations in the vapor retarder. The capillary moisture break material should consist of at least four inches of clean, free-draining gravel or crushed rock that meets the gradation requirements presented in Table 4. A capillary moisture break and water vapor retarder are generally not required beneath slabs used for the support of vehicles and storage racks.

TABLE 4

Gradation Requirements for Capillary Moisture Break

Sieve Size	Percentage Passing Sieve
Gravel or Crushed Rock	
1 inch	90-100
3/4 inch	30-100
1/2 inch	5–25
3/8 inch	0-8

Concrete mixes with high water/cement (w/c) ratios will result in excess water in the concrete, which increases the cure time and may result in excessive vapor transmission through the slab. Therefore, concrete for the floor slab should have a minimum strength of 4,000 psi at 28 days, a low w/c ratio of less than 0.45, and water should not be added to the concrete in the field. If necessary, workability should be increased by adding plasticizers.

Before the floor covering is placed, the contractor should check that the concrete surface and the moisture emission levels (if emission testing is required) meet the manufacturer's requirements.

8.7 Underground Utilities

Excavations for utility trenches can be made with a backhoe. Despite careful site preparation, unexpected obstructions may make some of the trenching operations difficult. All trenches should conform to the current California Occupational Safety and Health Administration (CAL/OSHA) requirements.

Backfill for utility trenches and other excavations is also considered fill, and it should be compacted in accordance with the recommendations presented in Section 8.1. If imported clean sand or gravel is used as backfill, it should be compacted to at least 95 percent relative compaction or to the satisfaction of the project geotechnical engineer. Jetting of trench backfill should not be permitted. Special care should be taken when backfilling utility trenches in pavement areas. Poor compaction may cause excessive settlements, resulting in damage to the pavement section.

Pipes or conduits should be supported on bedding material with a thickness equal to D/4 (with D equal to the outside diameter of the pipe) or four inches of sand or fine gravel below the pipe, whichever is greater. After the pipes and conduits are tested, inspected (if required) and approved, they should be covered to a depth of six inches with sand or fine gravel, which should be mechanically tamped. If there is a discrepancy between these recommendations and those provided by the project civil engineer, we defer to the project civil engineer's recommendations.

8.8 Drainage and Landscaping

Positive surface drainage should be provided around the buildings to direct surface water away from the foundations. To reduce the potential for water ponding adjacent to the buildings, we recommend the ground surface within a horizontal distance of five feet from the buildings be designed to slope down and away from the buildings with a surface gradient of at least two percent in unpaved areas and one percent in paved areas. In addition, roof downspouts should be discharged into controlled drainage facilities to keep the water away from the foundations. These gradients should be checked once final grading plans and anticipated cut/fill thicknesses are known.

To reduce the potential for irrigation water entering the pavement section, vertical curbs adjacent to landscaped areas should extend at least six inches below the bottom of the pavement aggregate base layer. Where heavily watered areas, such as lawns, are located adjacent to paved areas, it may also be necessary to install a subdrain behind the curb or within the pavement to intercept excess irrigation water.

8.9 Exterior Concrete Slabs for Pedestrians

The exposed subgrade should be scarified, moisture-conditioned, and compacted as described in Section 8.1. Subsequently, we recommend that exterior concrete slabs, such as sidewalks, be designed using Portland cement concrete that is at least four inches thick and underlain by at least four inches of Class 2 aggregate base that has been moisture-conditioned to above optimum moisture content and compacted to at least 95 percent relative compaction to provide a smooth, non-yielding surface. The concrete should have a 28-day unconfined compressive strength of at least 3,000 psi. Construction joints should be spaced at horizontal distances no greater than 30 times the concrete slab thickness. If there is a conflict between the geotechnical and civil/structural design recommendations for contraction joint spacing and slab reinforcement, we defer to the civil/structural engineer's recommendations.

8.10 Flexible (Asphalt Concrete) Pavement Design

The State of California R-value method was used to develop the recommended asphalt concrete pavement sections. We expect the final soil subgrade in asphalt-paved areas will generally consist of silt and clay with a low expansion potential. Based on the Kleinfelder laboratory R-value test results (see Appendix B), we selected a soil subgrade R-value of 5 for use in our pavement design calculations. If the proposed pavement areas are raised by adding new fill, we recommend selecting a fill material that meets the fill criteria described in Section 8.1 and has the same or higher R-value than the existing near-surface soil. Alternatively, additional testing can be performed on the proposed pavement subgrade material and the pavement design can be modified, if necessary.

We have developed pavement sections for traffic indices (TIs) ranging from 4.5 to 10.0. The appropriate TI should be select by the project civil engineer. However, we generally recommend using TIs of 4.5 to 5.0 in automobile parking areas and TIs of 5.5 to 6.0 for interior automobile drive isles. Higher TIs are typically used for entrance driveways, areas traversed by heavy trucks, and truck parking areas. Table 5 presents our recommendations for asphalt pavement sections.

TABLE 5

Flexible Pavement Section Design

TI	Asphalt Concrete (inches)	Class 2 Aggregate Base R = 78 (inches)
4.5	2.5	10.0
5.0	3.0	10.0
5.5	3.5	11.0
6.0	3.5	13.0
7.0	4.0	16.0
8.0	5.0	18.0
9.0	5.5	21.0
10.0	6.5	23.0

Pavement components should conform to the current Caltrans Standard Specifications. The upper 12 inches of the soil subgrade and the entire aggregate base layer in pavement areas should be moisture-

conditioned to above optimum moisture content, compacted to at least 95 percent relative compaction, and rolled to provide a smooth non-yielding surface. The soil subgrades should be kept moist until covered. To reduce the potential for irrigation water to enter the pavement section, curbs adjacent to landscaped areas should extend through the aggregate base layer and penetrate at least six inches into the underlying subgrade as discussed in Section 8.8.

8.11 Rigid Pavement for Truck Apron

Concrete pavement design is based on a maximum single-axle load of 18,000 pounds and a maximum tandem axle of 32,000 pounds. The thickness of pavement depends on the R-value of the soil subgrade and the volume of traffic anticipated. For this site, we recommend using a design soil subgrade R-value of 5 and a TI of 8.0. Based on these assumptions, the recommended rigid pavement section is an 8.5-inch-thick Portland cement concrete slab over 12 inches of Caltrans Class 2 aggregate base.

The modulus of rupture of the concrete should be at least 600 psi at 28 days, and the unconfined compressive strength of the concrete should be at least 4,000 psi at 28 days. Typically, contraction joints are spaced at horizontal distances no greater than 30 times the concrete slab thickness. Where the outer edge of a concrete pavement meets asphalt pavement, concrete slab should be thickened by 50 percent at a taper not to exceed a slope of 1 in 10. We recommend the slab be reinforced with a minimum of No. 3 bars placed at an 18-inch spacing in both directions. If there is a conflict between the geotechnical and civil/structural design recommendations for contraction joint spacing and slab reinforcement, we defer to the civil/structural engineer's recommendations. Recommendations for subgrade preparation and the placement and compaction of aggregate base for concrete pavements are described in Section 8.1 of this report. The aggregate base should conform to the requirements for ¾-inch-maximum Class 2 Aggregate Base, as specified in the 2018 Caltrans Standard Specifications, Section 26-1.02B.

8.12 Loading Dock Retaining Walls

We understand that the proposed loading docks will be constructed either at or below-grade. We estimate that approximately 4-foot-high retaining walls will be required in the loading dock areas. For walls that are free to rotate at the top, we recommend designing the walls to resist an equivalent fluid weight of 40 pcf. If the walls are restrained from movement, we recommend the walls be designed to resist an equivalent fluid weight of 60 pcf. These short retaining walls do not need to be designed for lateral earth pressure loads from earthquakes. However, the proposed loading dock walls will be subject

to transient surcharge loading from forklifts or other vehicles. Where vehicular loads are allowed within 4 feet of the retaining walls, we recommend that the loading dock walls be designed to withstand a uniform (rectangular distribution) traffic surcharge of 100 psf. These design pressures assume level backfill conditions.

8.13 Corrosivity

The results of a soil corrosivity evaluation along with recommendations for the long-term control of corrosion of proposed materials to be used for the construction of underground utilities at the site was previously prepared by JDH on behalf of Kleinfelder. The results of JDH's evaluation and their recommendations are presented in Appendix C of this report.

9.0 GEOTECHNICAL SERVICES DURING CONSTRUCTION

The final project plans and specifications should be reviewed by Iwasa Consulting prior to construction to check that they are in general conformance with the intent of our geotechnical recommendations. During construction, we should observe site preparation, abandonment of existing underground utilities (if any), grading of the site, and the installation of ground improvement and new foundations. In addition, our field representative should observe the placement of fill and perform field density tests to check that adequate compaction and moisture conditioning has been achieved. These observations will allow us to compare actual with anticipated soil conditions, and to check that the contractor's work conforms with the geotechnical aspects of the plans and specifications.

10.0 LIMITATIONS

The conclusions and recommendations presented in this report are the result of limited engineering studies based on our interpretation of the existing geotechnical conditions and available subsurface data. Actual subsurface conditions may vary. If any variations or unforeseen conditions are encountered during construction, or if the proposed construction will differ from that which is described in this report, Iwasa Consulting should be notified so that supplemental recommendations can be made, if necessary.

This report was prepared for the exclusive use of Duke Realty Corporation, Duke Realty Limited Partnership, and their subconsultants in connection with the design and construction of the proposed 501 Sycamore Drive development in Milpitas, California. Use of this report by any person or entity other than

Duke Realty Corporation, Duke Realty Limited Partnership, and their subconsultants for any purpose whatsoever is expressly forbidden unless such other person or entity obtains written authorization from Duke Realty Corporation, Duke Realty Limited Partnership, and Iwasa Consulting. Use of this report by such other person or entity without the written authorization of Duke Realty Corporation, Duke Realty Limited Partnership, and Iwasa Consulting shall be at such other person's or entity's sole risk and shall be without legal exposure or liability to Iwasa Consulting.

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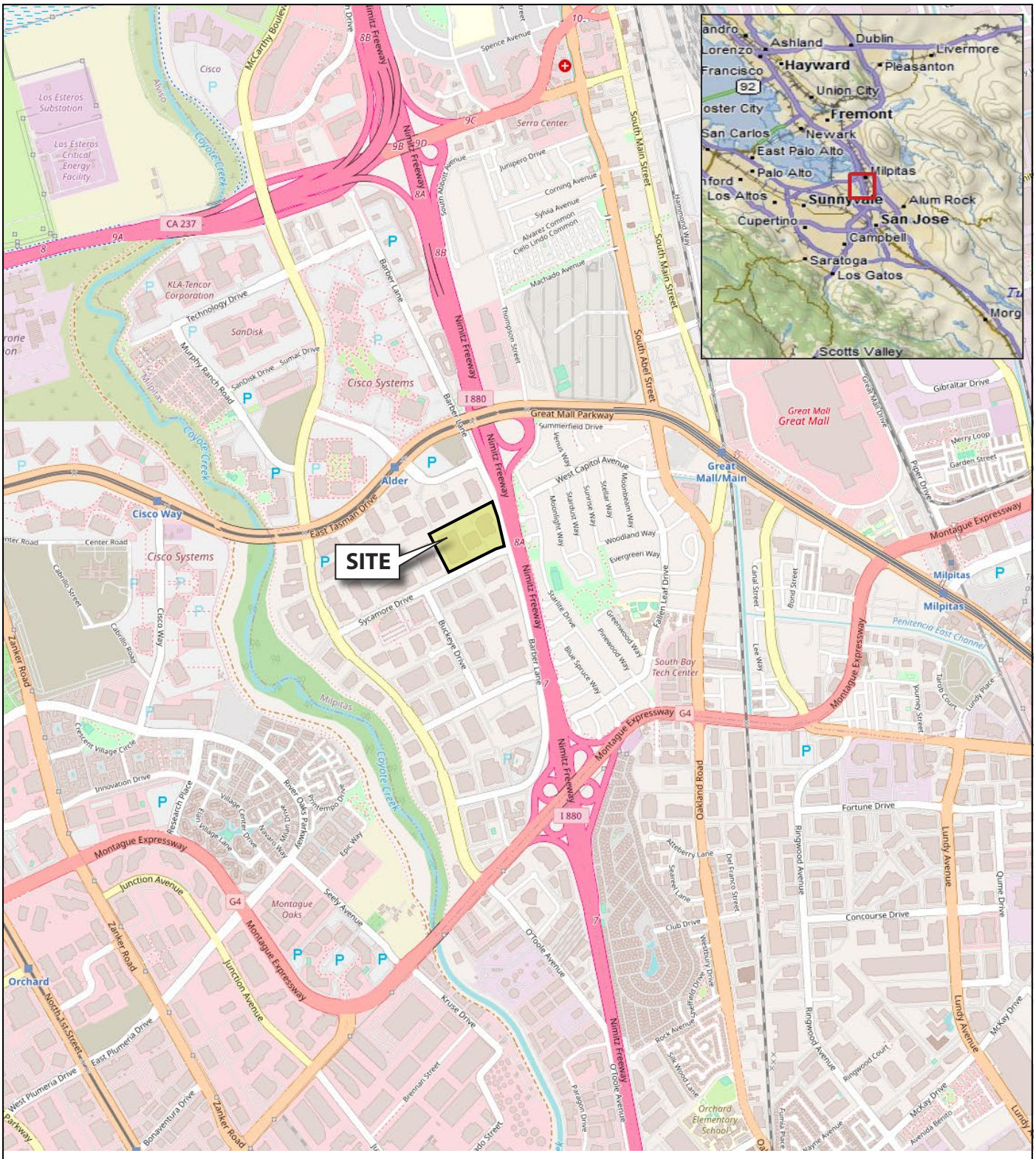
FIGURES



Source: OpenStreetMap, 2022, Garmin, 2018

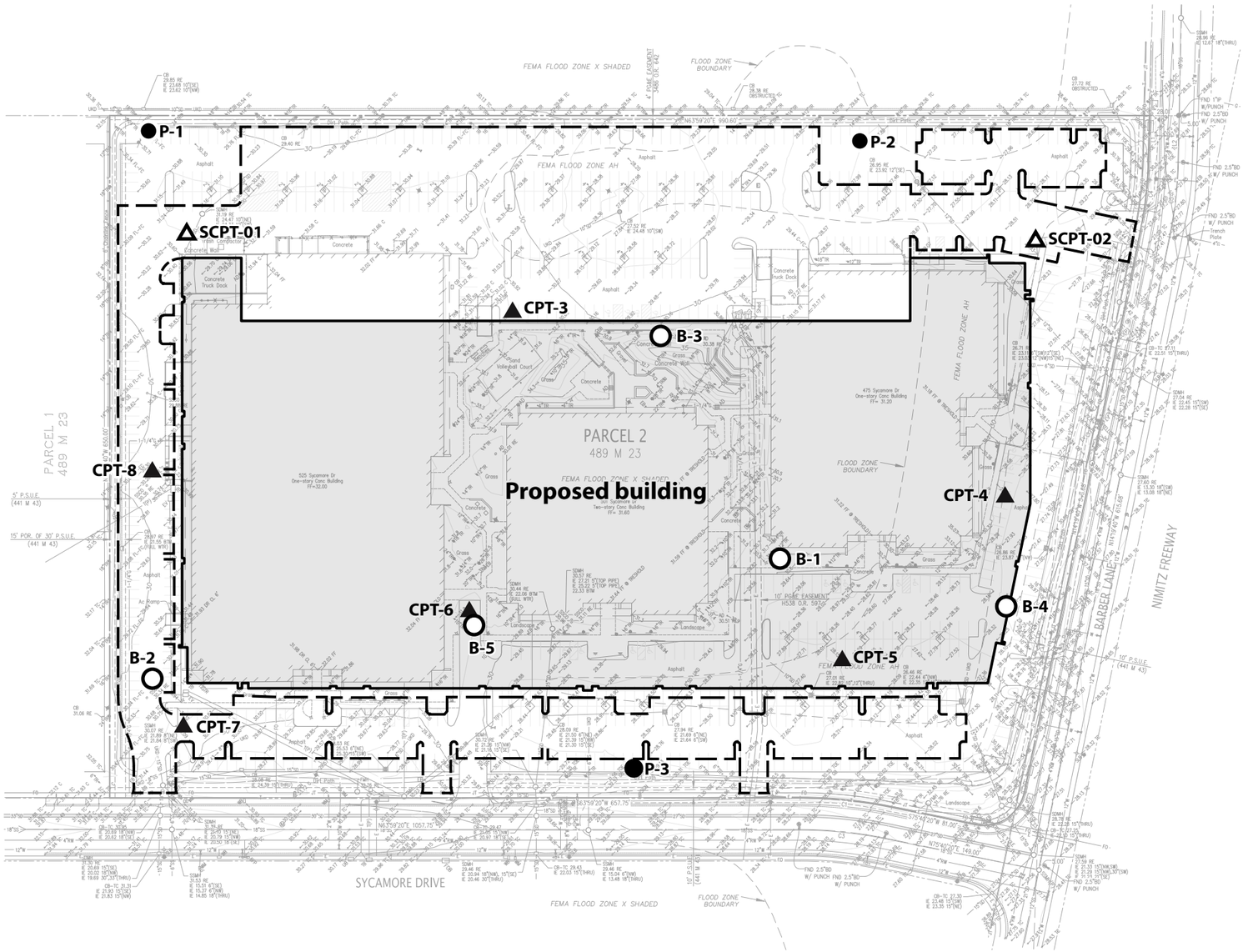
Project No.: DI0025

Figure 1

Site Location Plan

501 Sycamore Drive
Milpitas, California

Iwasa Consulting



EXPLANATION

- Percolation test, Kleinfelder, March 2022
- Soil boring, Kleinfelder, September 2021
- Cone penetration test (CPT), Kleinfelder, March 2022
- Cone penetration test (CPT), Iwasa Consulting, June 2022
- Proposed parking

N

0 120 feet

Iwasa Consulting

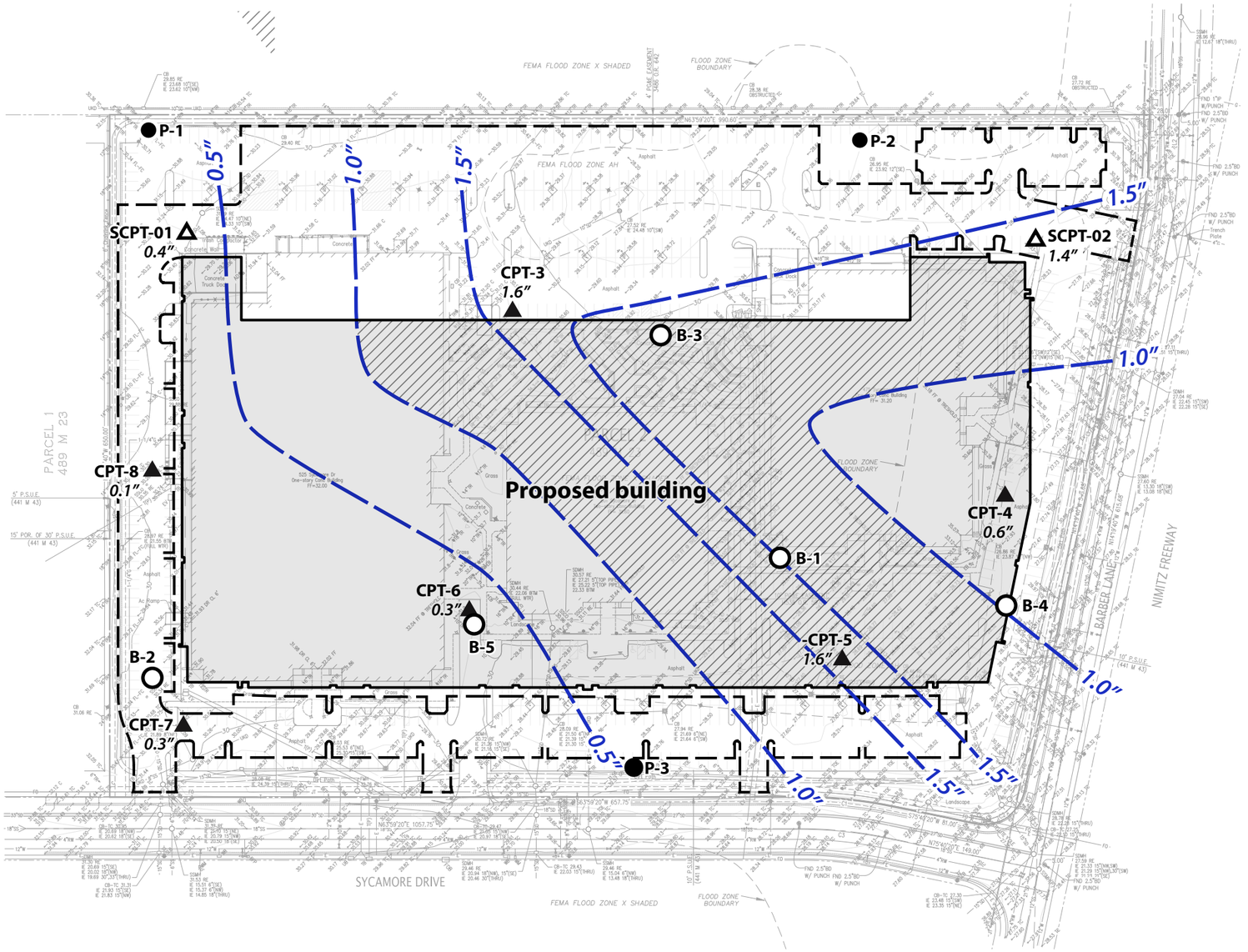
Sources: Preliminary Site Improvement Plans of 501 Sycamore Drive for Duke Realty, Sheets C2.0 and C3.0, prepared by HPA Architecture and Kier & Wright, dated 22 March 2022;
Site Plan, Figure 2, Duke Warehouse Sycamore by Kleinfelder, dated 3/30/2000

Project No.: DI0025

Figure 2

Site Plan with Boring and CPT Locations

501 Sycamore Drive
Milpitas, California



EXPLANATION

- Percolation test, Kleinfelder, March 2022
- Soil boring, Kleinfelder, September 2021
- Cone penetration test (CPT), Kleinfelder, March 2022
- Cone penetration test (CPT), Iwasa Consulting, June 2022
- Proposed parking
- *1.0″* Estimated liquefaction-induced settlement based on Robertson (2009), in inches
- *1.0″* Contour line of estimated liquefaction-induced settlements, in inches
- Recommended zone of ground improvement below proposed building foundations

N

0 120 feet

Iwasa Consulting

Sources: Preliminary Site Improvement Plans of 501 Sycamore Drive for Duke Realty, Sheets C2.0 and C3.0, prepared by HPA Architecture and Kier & Wright, dated 22 March 2022;
Site Plan, Figure 2, Duke Warehouse Sycamore by Kleinfelder, dated 3/30/2000

Project No.: DI0025

Figure 3
Site Plan with Estimated Liquefaction-Induced Settlement Contour Lines and Recommended Zone of Ground Improvement
501 Sycamore Drive, Milpitas, California

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APPENDIX A

Cone Penetration Tests by Iwasa Consulting

PRESENTATION OF SITE INVESTIGATION RESULTS

501 Sycamore Dr, Milpitas

Prepared for:

Iwasa Consulting

ConeTec Job No: 22-56-24360

Project Start Date: 2022-Jun-27
Project End Date: 2022-Jun-27
Report Date: 2022-Jun-29

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ABOUT THIS REPORT

The enclosed report presents the results of the site investigation program conducted by ConeTec, Inc. The program consisted of Piezocone Penetration Testing and Pore Pressure Dissipation Testing. Please note that this report, which also includes all accompanying data, are subject to the 3rd Party Disclaimer and Client Disclaimer that follow in the 'Limitations' section of this report.

Project Information	
Client	Iwasa Consulting
Project	501 Sycamore Dr, Milpitas
ConeTec Project Number	22-56-24360
Rig Description	30-ton Truck CPT Rig (C-17)

Coordinates	
Collection Method	Consumer Grade GPS
EPSG Number	32610 (WGS 84 / UTM 10S)

Cone Penetration Test (CPTu)	
Depth Reference	Existing ground surface at the time of the investigation
Sleeve data offset	0.1 Meters

Calculated Geotechnical Parameters Tables	
Additional Information	The Normalized Soil Behaviour Type Chart based on Q_{tn} (SBT Q_{tn}) (Robertson, 2009) was used to classify the soil for this project. A detailed set of calculated CPTu parameters have been generated and are provided in Excel format files in the release folder. The CPTu parameter calculations are based on values of corrected tip resistance (q_t) sleeve friction (f_s) and pore pressure (u_2). Effective stresses are calculated based on unit weights that have been assigned to the individual soil behaviour type zones and the assumed equilibrium pore pressure profile. Soils were classified as either drained or undrained based on the Q_{tn} Normalized Soil Behaviour Type Chart (Robertson, 2009). Calculations for both drained and undrained parameters were included for materials that classified as silt mixtures (zone 4).

Please refer to the list of attached documents following the text of this report. A test summary, location map, and plots are included. Thank you for the opportunity to work on this project.

CONETEC

LIMITATIONS

3rd Party Disclaimer

- The “Report” refers to this report titled 501 Sycamore Dr, Milpitas
- The Report was prepared by ConeTec for Iwasa Consulting

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Client Disclaimer

- ConeTec was retained by Iwasa Consulting
- The “Report” refers to this report titled 501 Sycamore Dr, Milpitas
- ConeTec was retained to collect and provide the raw data (“Data”) which is included in the Report.

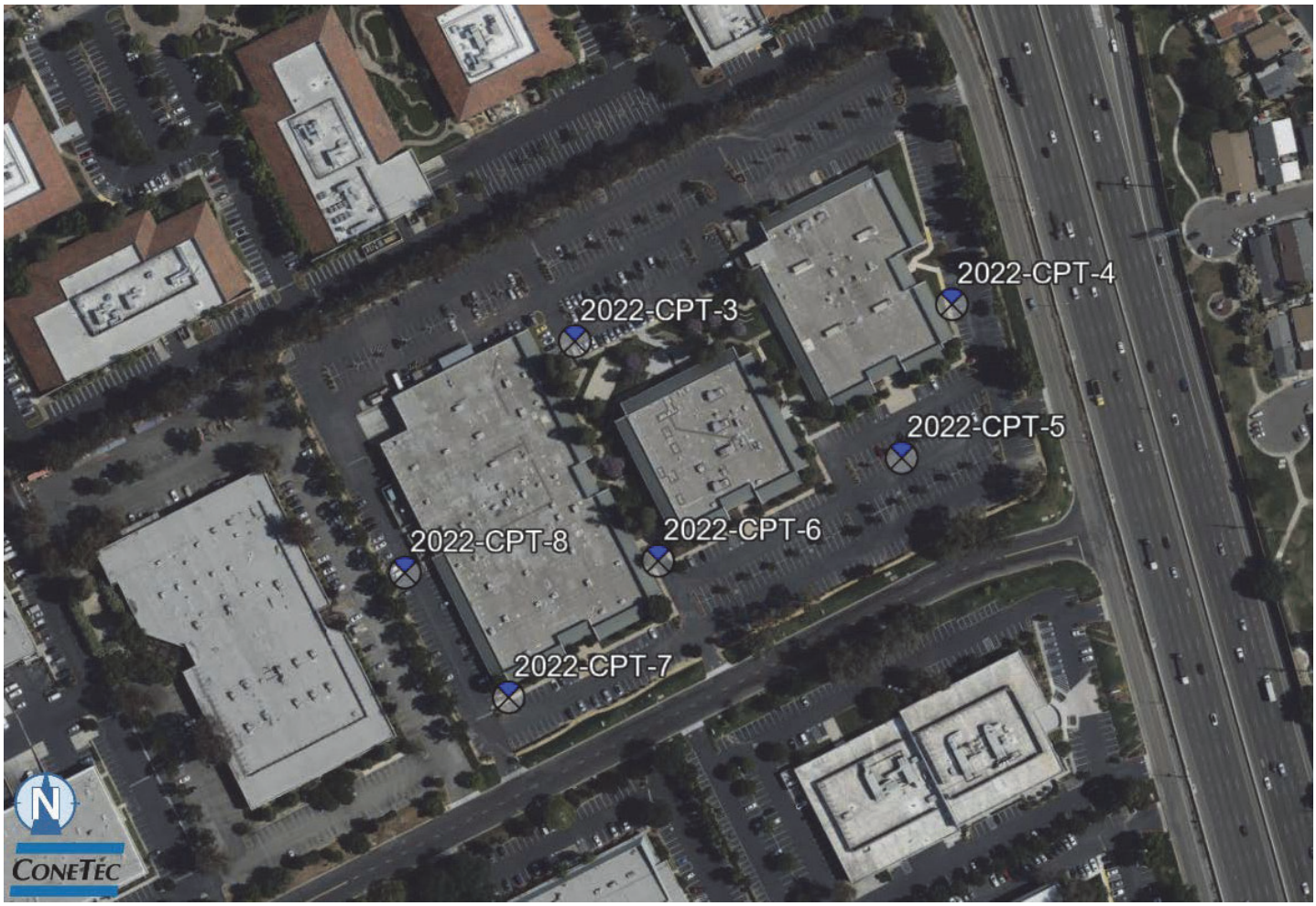
ConeTec has collected and reported the Data in accordance with current industry standards. No other warranty, express or implied, with respect to the Data is made by ConeTec. In order to properly understand the Data included in the Report, reference must be made to the documents accompanying and other sources referenced in the Report in their entirety. Other than the Data, the contents of the Report (including any Interpretations) should not be relied upon in any fashion without independent verification and ConeTec is in no way responsible for any loss, damage or expense resulting from the use of, and/or reliance on, such material by any party.

CONTENTS

The following listed below are included in the report:

- **Site Map**
- **Piezocone Penetration Test (CPTu) Sounding Summary**
- **CPTu Standard Plots, Advanced Plots, and Normalized Plots**
- **SBT Zone Scatter Plots**
- **Pore Pressure Dissipation (PPD) Test Summary**
- **PPD Test Plots**
- **Methodology Statements**
- **Data File Formats**
- **Description of Methods for Calculated CPT Geotechnical Parameters**

SITE MAP



ConeTec Job Number: 22-56-24360

Client: Iwasa Consulting

Project: 501 Sycamore Dr, Milpitas

Report Date: 2022-Jun-29

Sounding Location

All sounding locations are approximate

CONETEC

Cone Penetration Test Summary and Standard Cone Penetration Test Plots

CONETEC

Job No: 22-56-24360
Client: Iwasa Consulting
Project: 501 Sycamore Dr, Milpitas
Start Date: 27-Jun-2022
End Date: 27-Jun-2022

CONE PENETRATION TEST SUMMARY

Sounding ID	File Name	Date	Cone	Cone Area (cm^2)	Assumed Phreatic Surface[1] (ft)	Final Depth (ft)	Northing[2]	Easting[2]	Elevation[3] (ft)	Refer to Notation Number
2022-CPT-3	22-56-24360_CP03	27-Jun-2022	EC815:T1500F15U35	15	12.8	81.12	4141049	596094	31	
2022-CPT-4	22-56-24360_CP04	27-Jun-2022	EC815:T1500F15U35	15	9.9	80.95	4141066	596248	29	
2022-CPT-5	22-56-24360_CP05	27-Jun-2022	EC815:T1500F15U35	15	9.4	80.95	4141003	596228	28	
2022-CPT-6	22-56-24360_CP06	27-Jun-2022	EC815:T1500F15U35	15	12.6	80.95	4140960	596129	32	
2022-CPT-7	22-56-24360_CP07	27-Jun-2022	EC815:T1500F15U35	15	12.2	80.79	4140904	596069	32	
2022-CPT-8	22-56-24360_CP08	27-Jun-2022	EC815:T1500F15U35	15	12.2	81.04	4140954	596026	31	

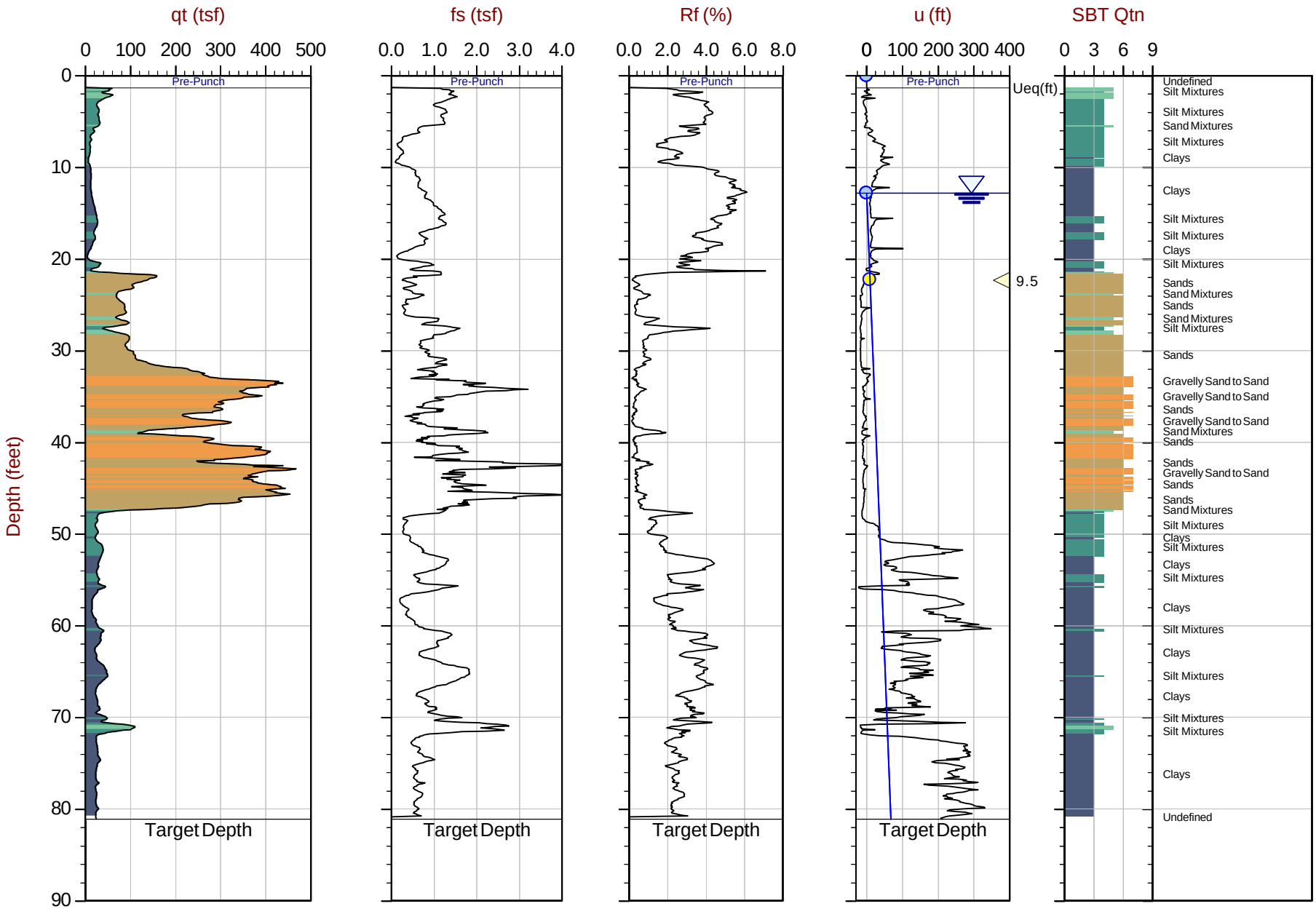
1. The assumed phreatic surface was based off the shallowest pore pressure dissipation tests performed within or nearest the sounding. Hydrostatic conditions were assumed for the calculated parameters.
2. The coordinates were collected using consumer grade GPS equipment. EPSG number: 32610 (WGS84 / UTM Zone 10S).
3. Elevations are referenced to the ground surface and were acquired from the Google Earth Elevation for the recorded coordinates.

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 14:11
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-3
Cone: 815:T1500F15U35



Max Depth: 24.725 m / 81.12 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP03.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141049m E: 596094m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

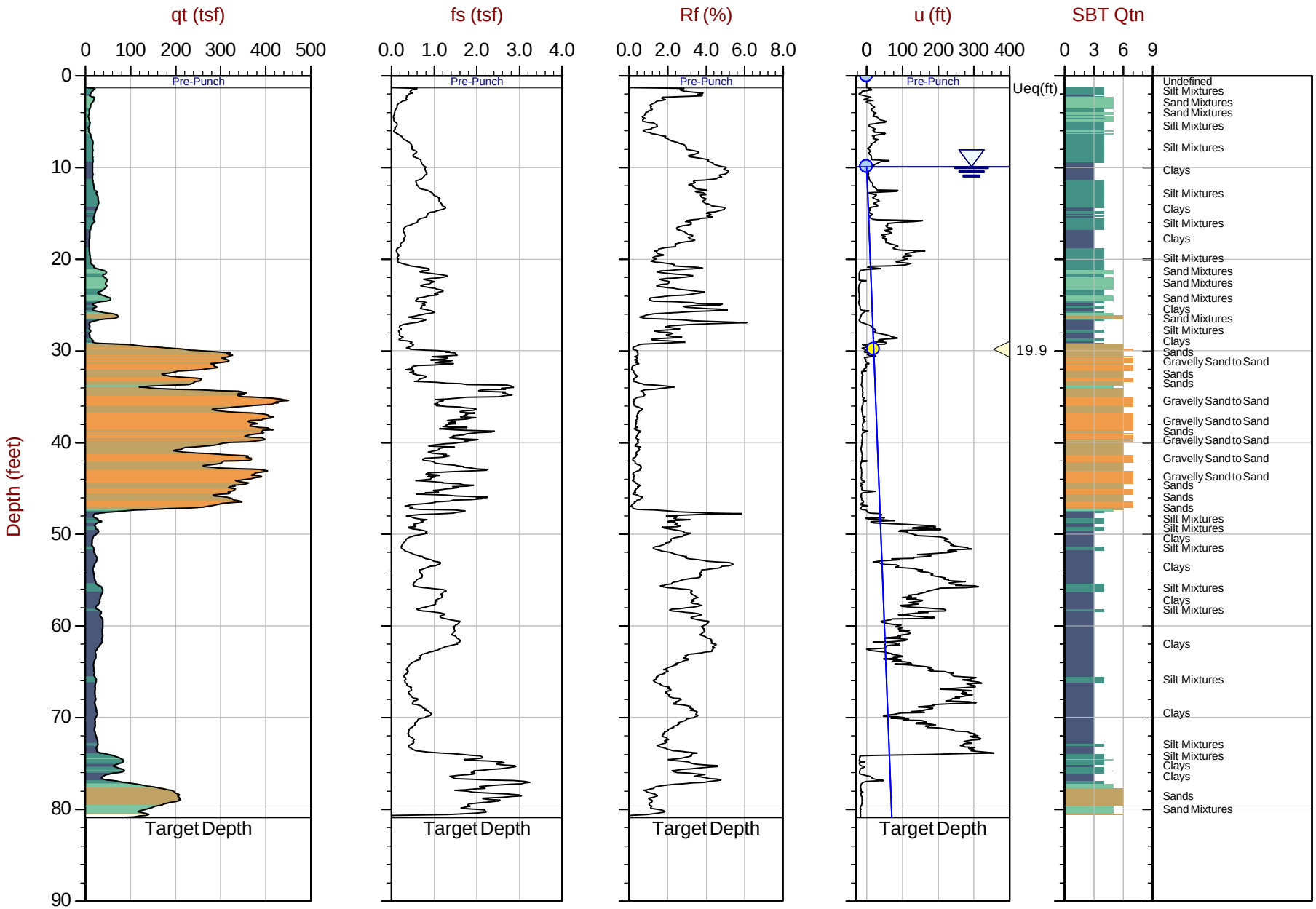
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 12:40
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-4
Cone: 815:T1500F15U35



Max Depth: 24.675 m / 80.95 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP04.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141066m E: 596248m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

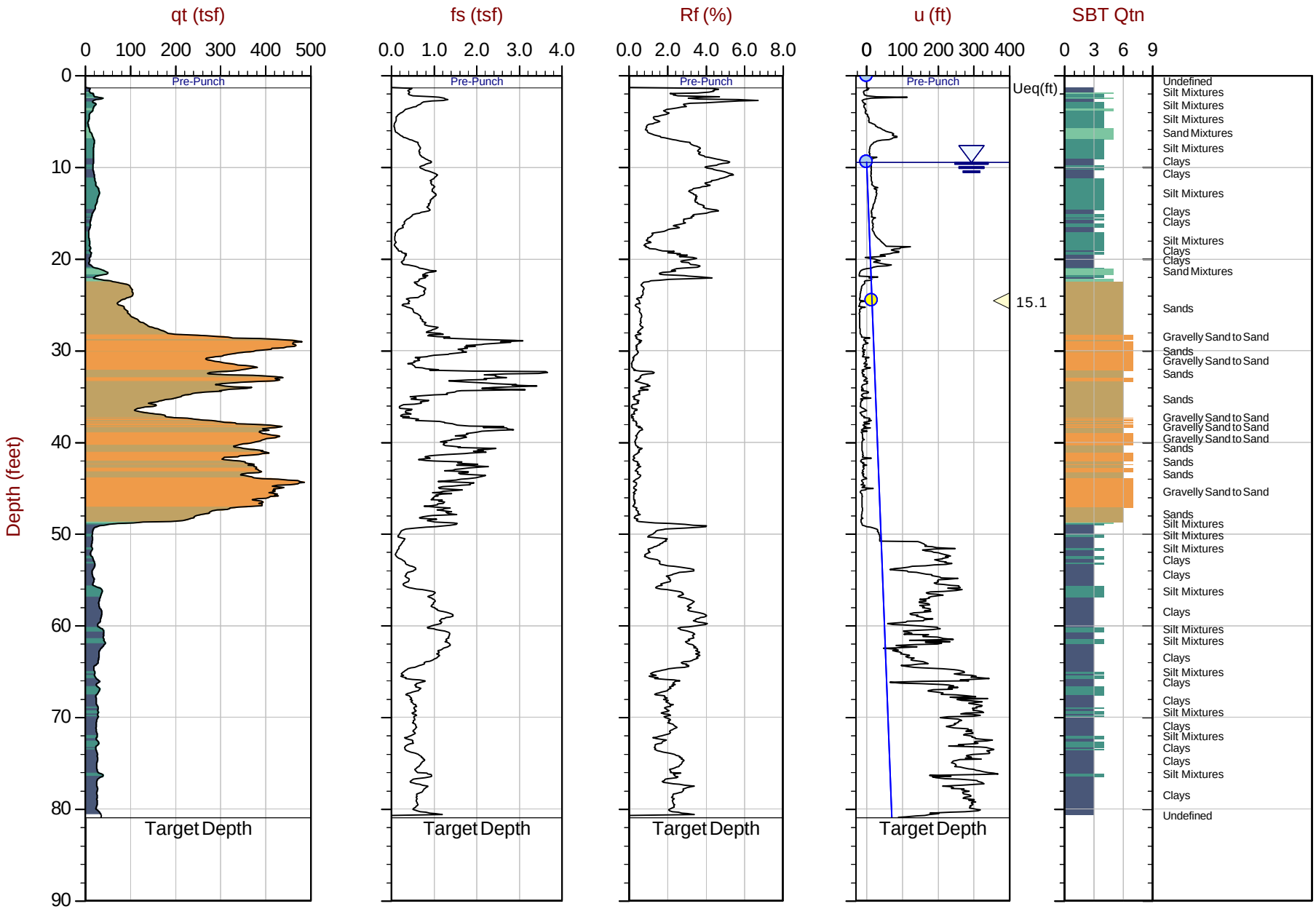
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 11:04
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-5
Cone: 815:T1500F15U35



Max Depth: 24.675 m / 80.95 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP05.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141003m E: 596228m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

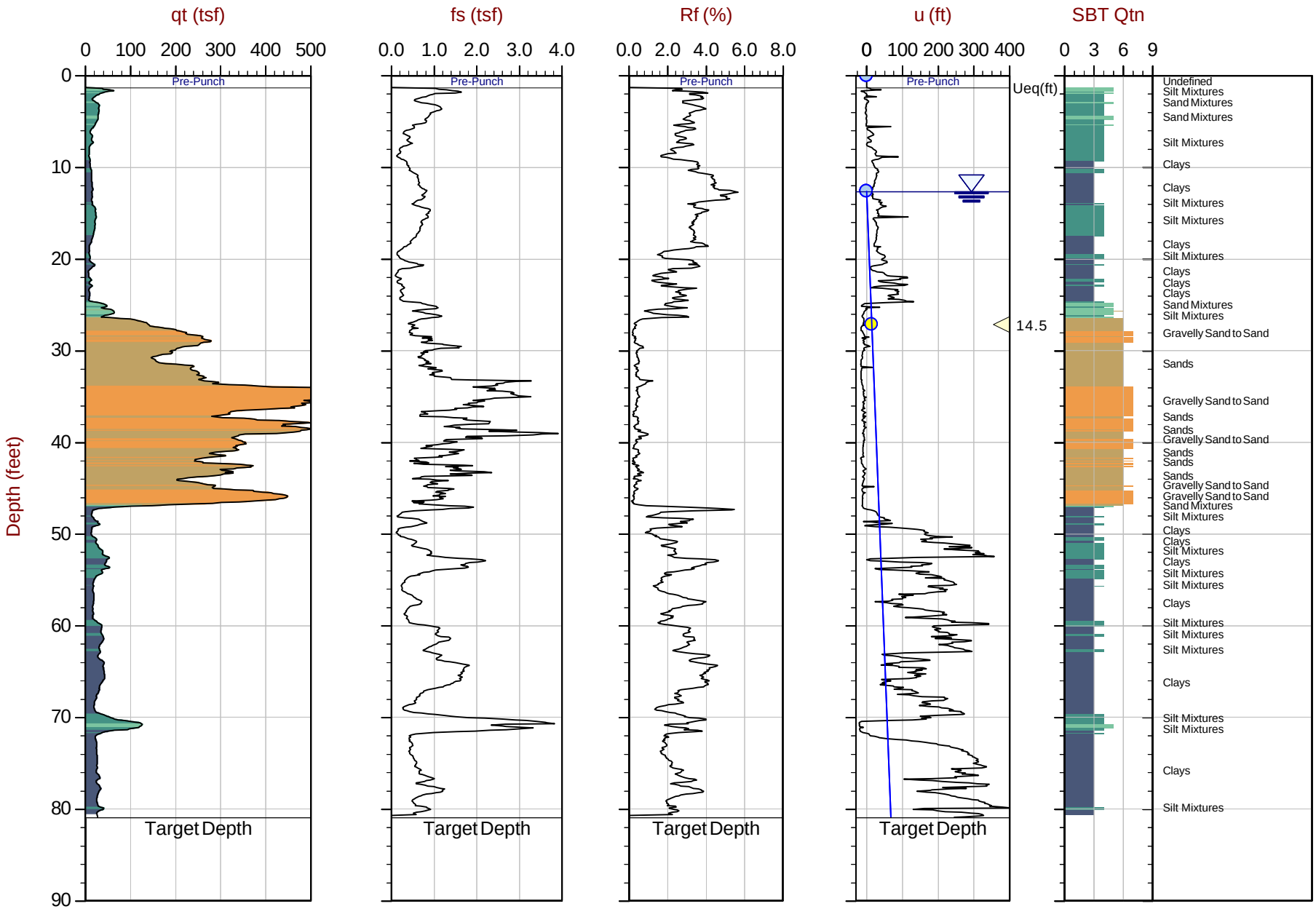
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 09:41
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-6
Cone: 815:T1500F15U35



Max Depth: 24.675 m / 80.95 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP06.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4140960m E: 596129m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

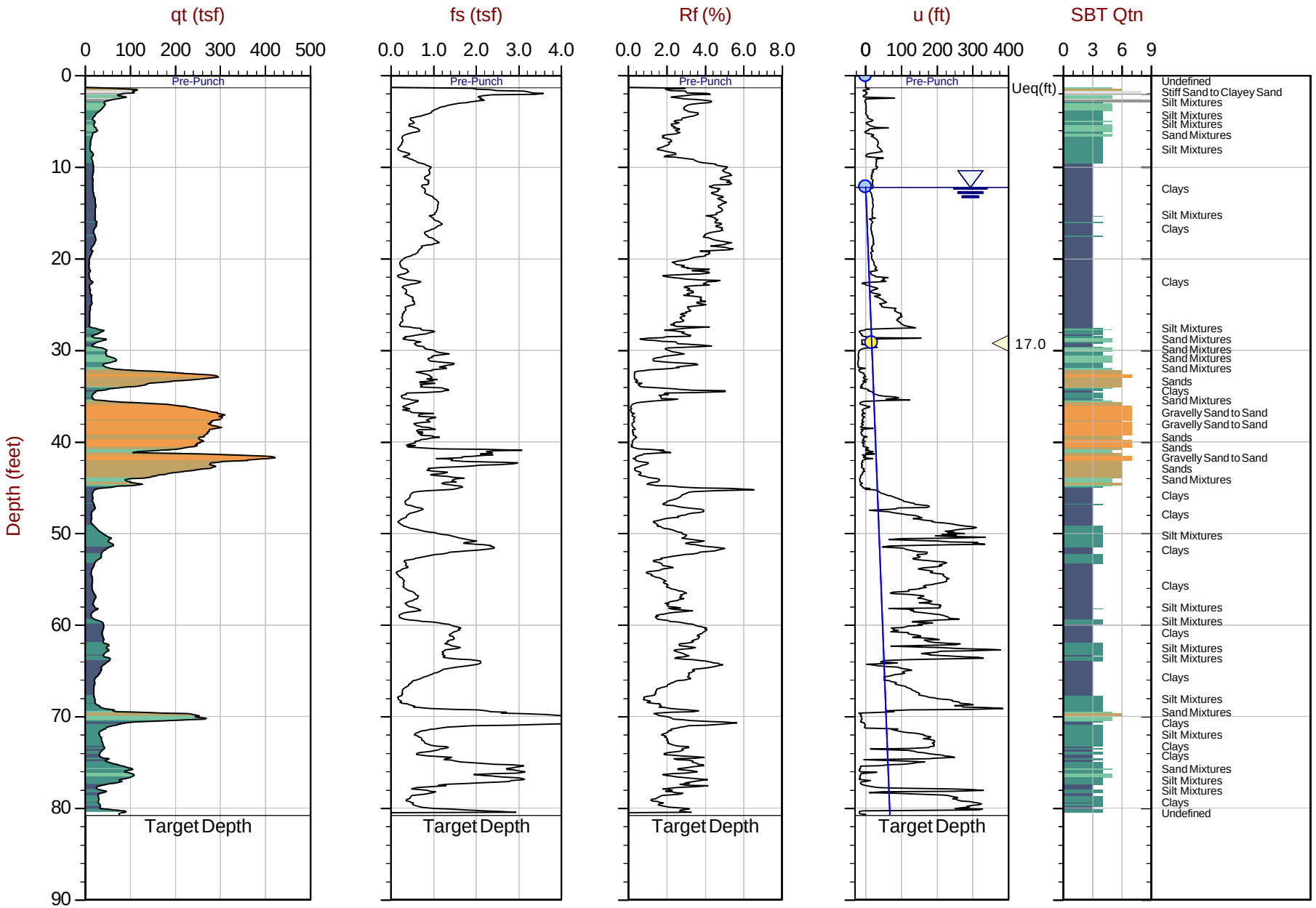
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 07:22
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-7
Cone: 815:T1500F15U35



Max Depth: 24.625 m / 80.79 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP07.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4140904m E: 596069m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

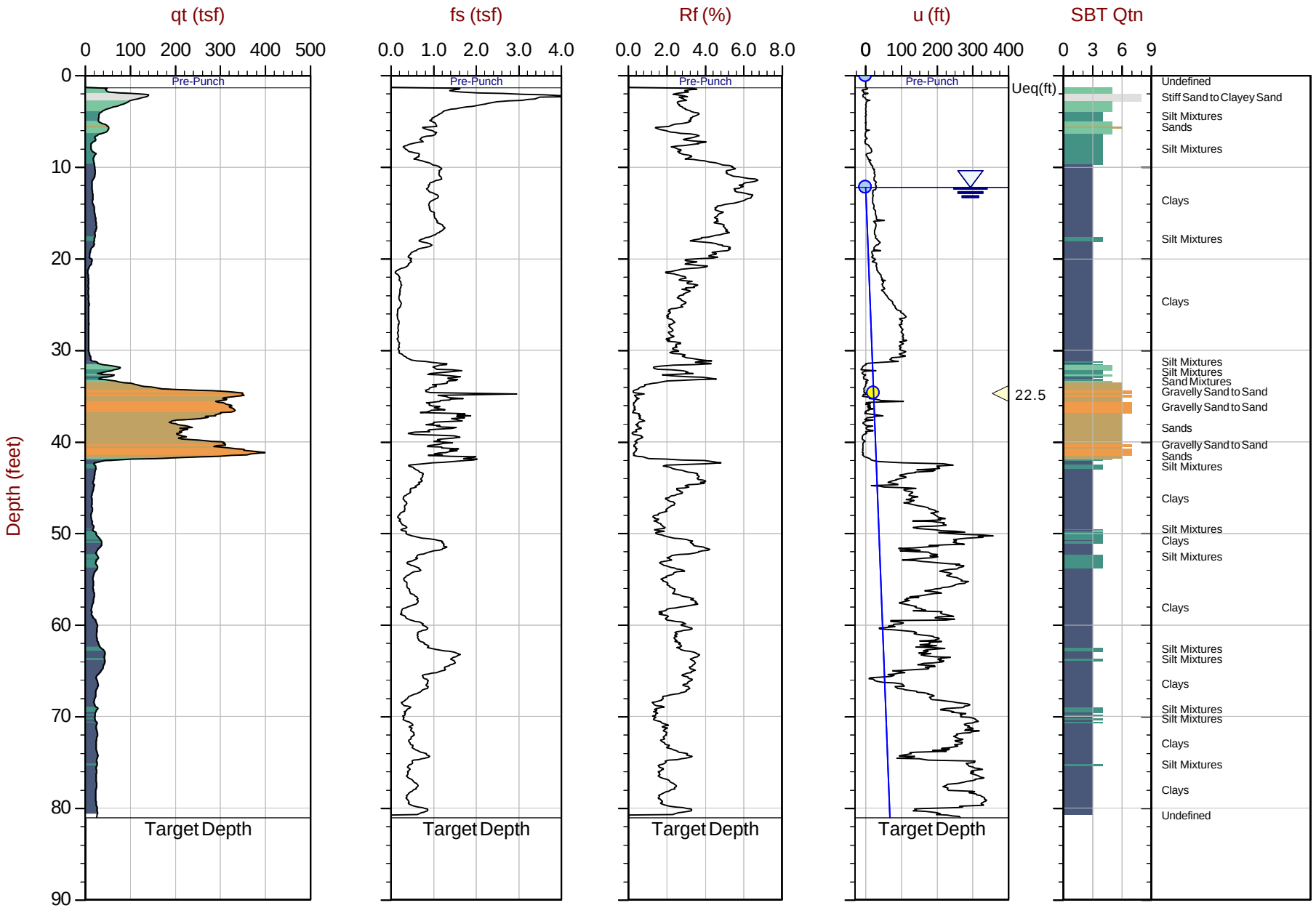
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 15:29
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-8
Cone: 815:T1500F15U35



Max Depth: 24.700 m / 81.04 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP08.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4140954m E: 596026m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

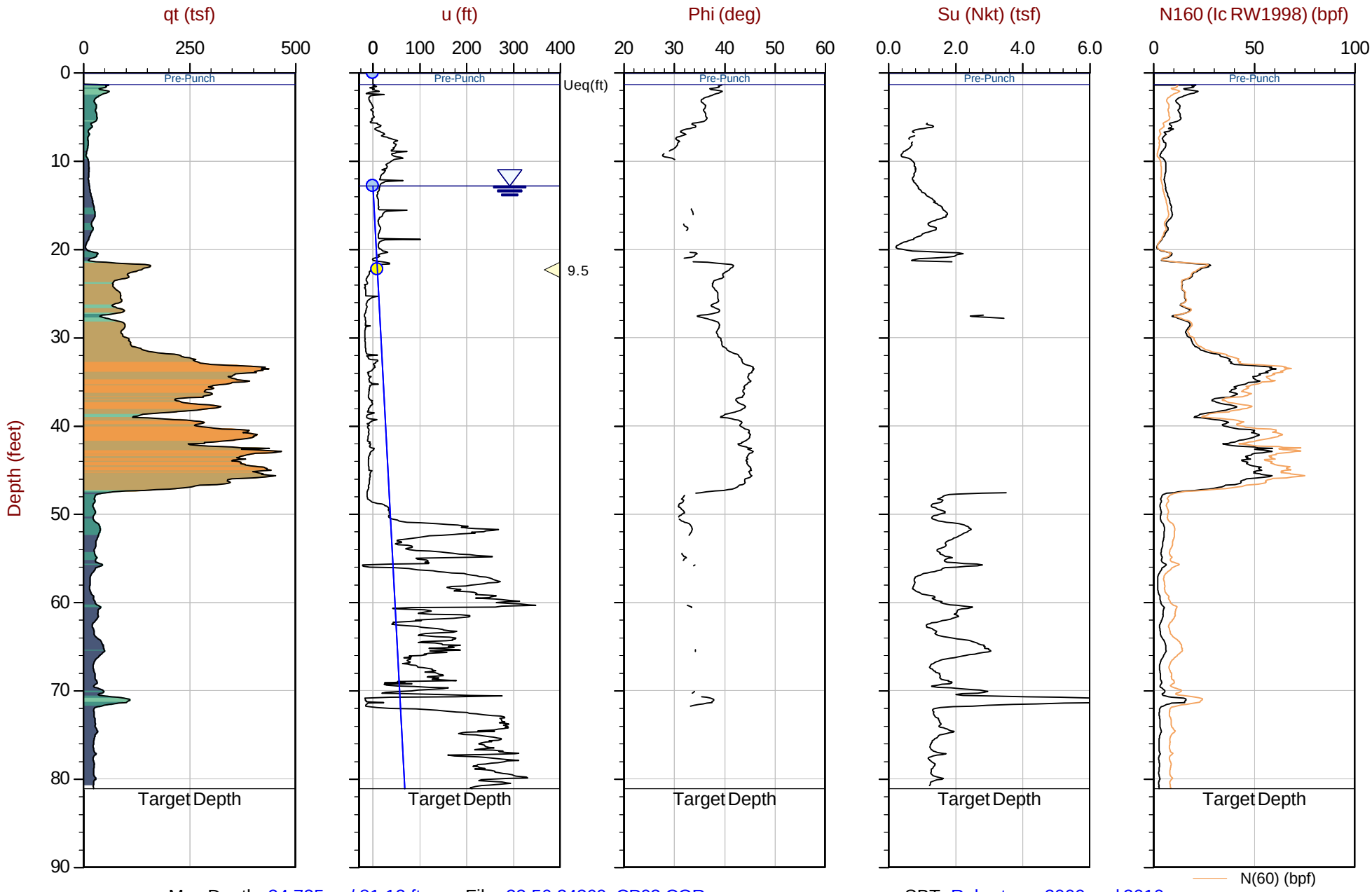
Advanced Cone Penetration Test Plots

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 14:11
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-3
Cone: 815:T1500F15U35



Max Depth: 24.725 m / 81.12 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP03.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141049m E: 596094m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

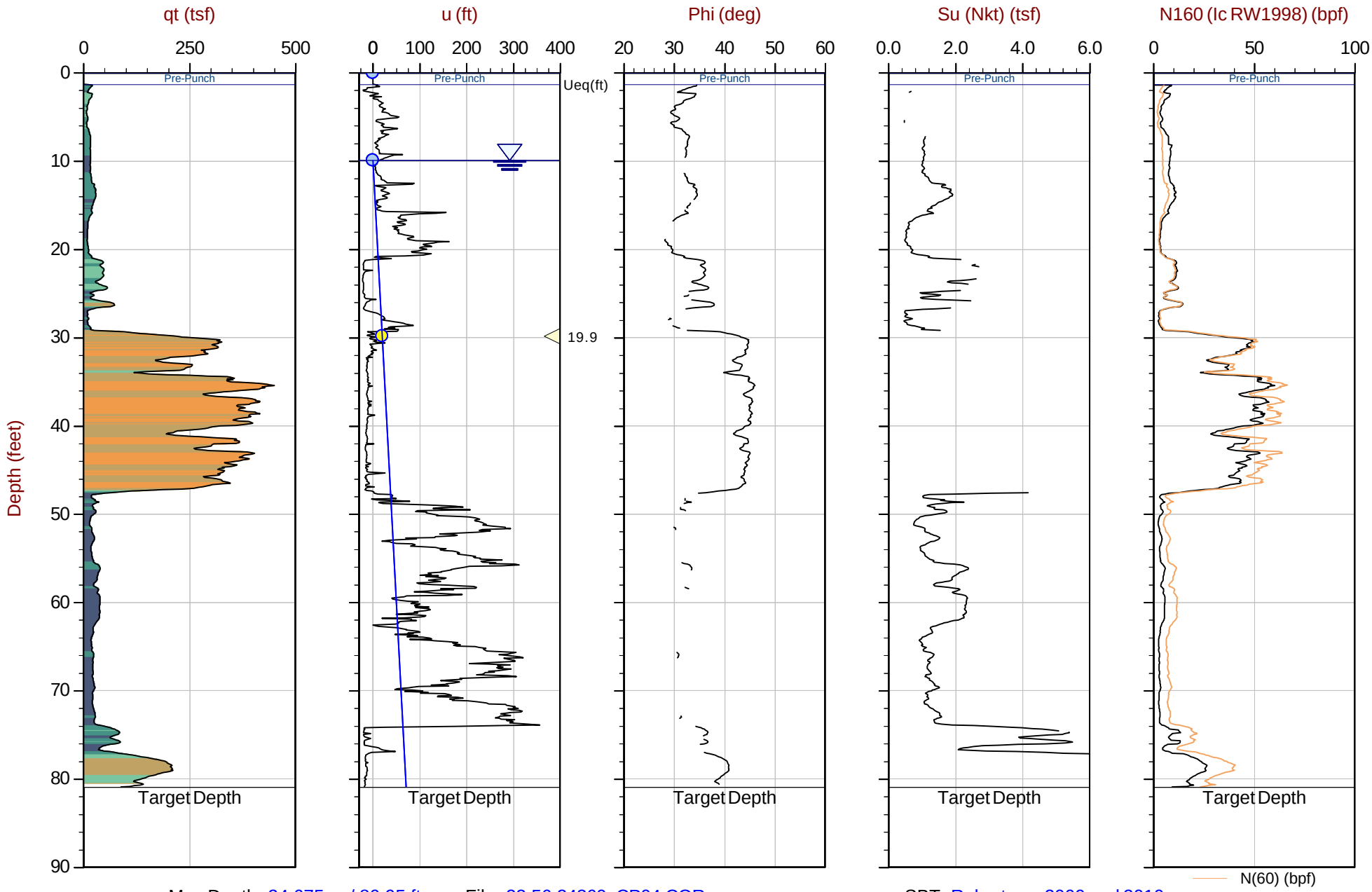
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 12:40
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-4
Cone: 815:T1500F15U35



Max Depth: 24.675 m / 80.95 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP04.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141066m E: 596248m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

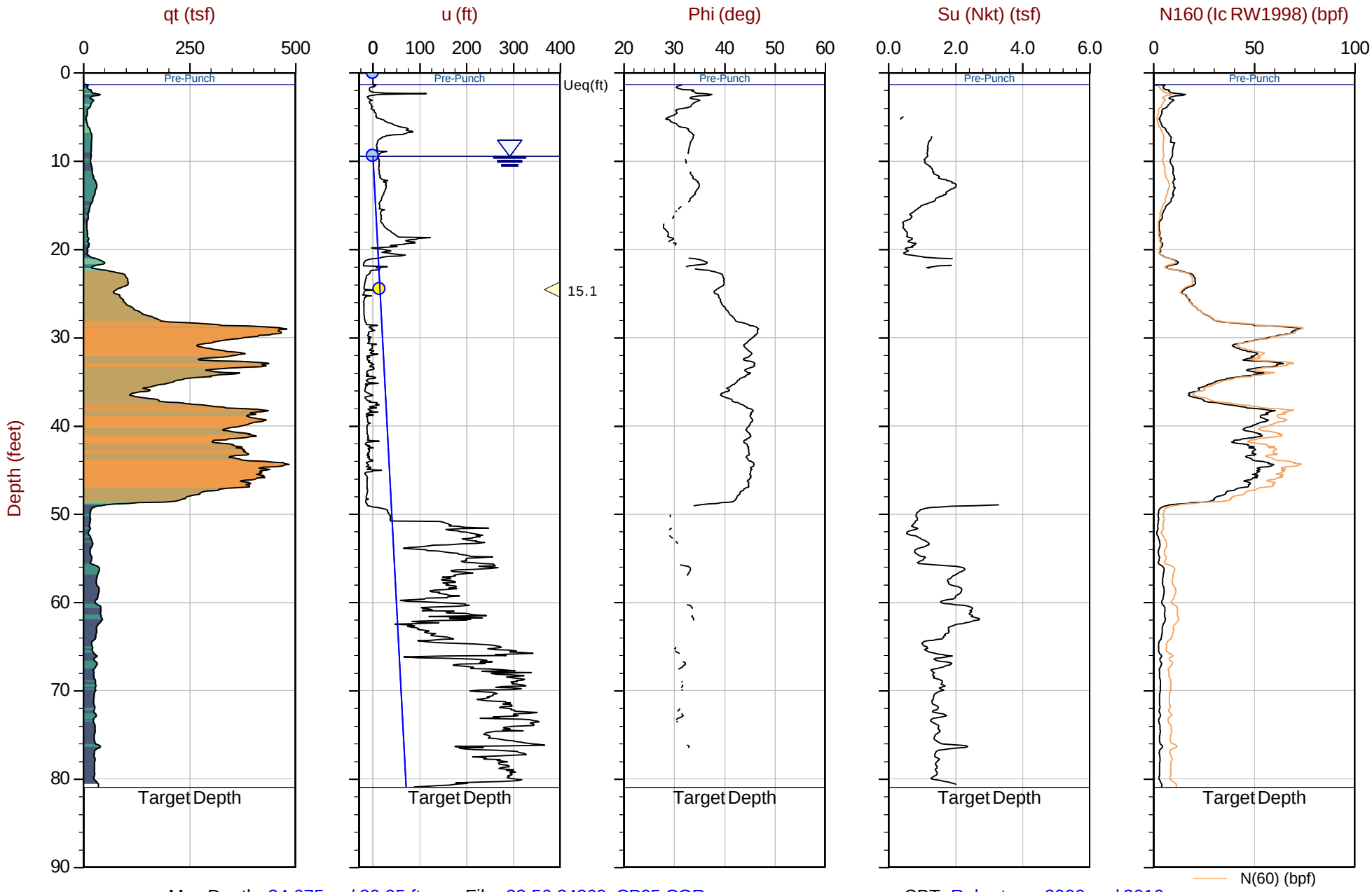
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 11:04
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-5
Cone: 815:T1500F15U35



Max Depth: 24.675 m / 80.95 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP05.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141003m E: 596228m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

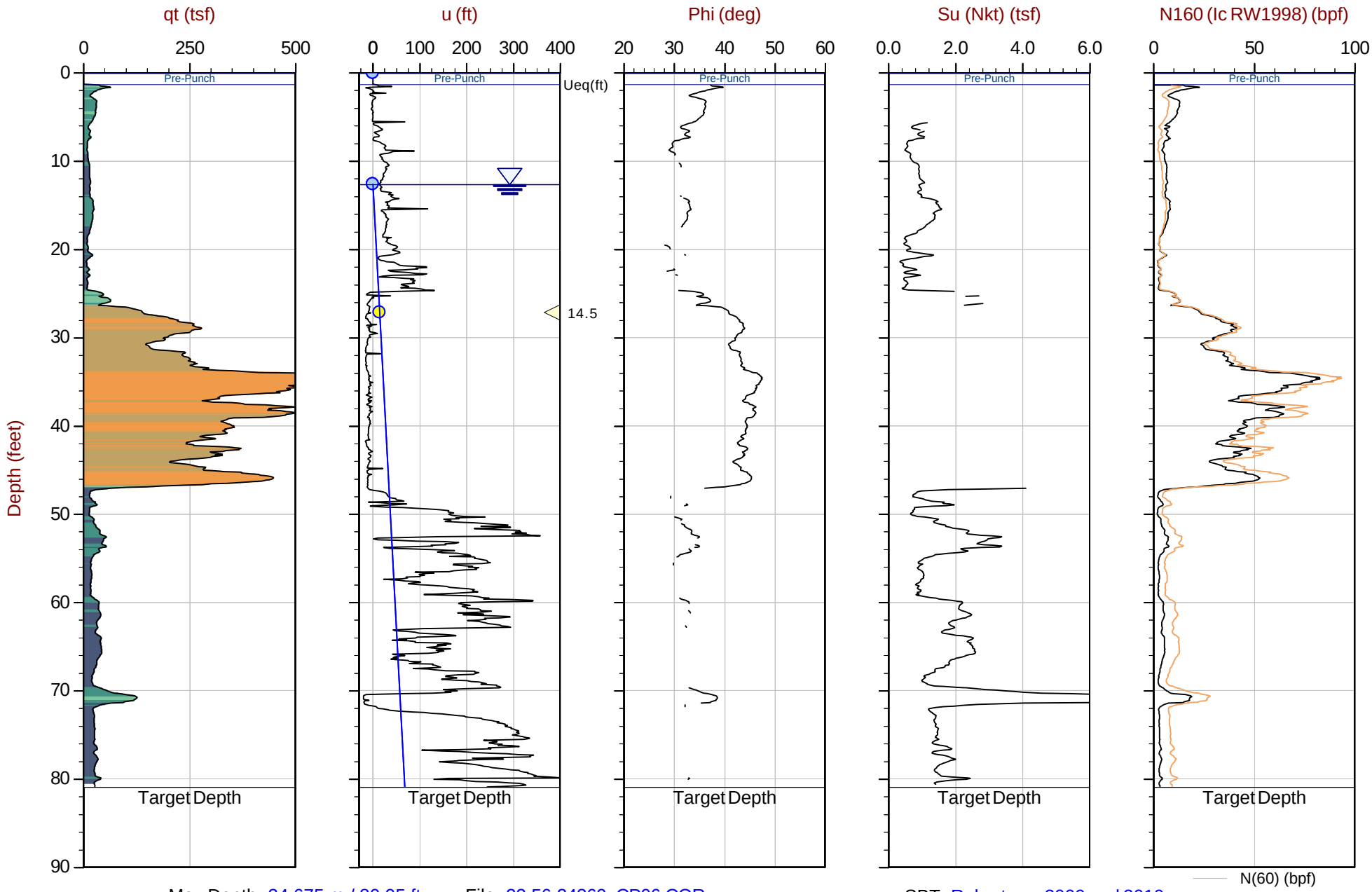
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 09:41
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-6
Cone: 815:T1500F15U35



Max Depth: 24.675 m / 80.95 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP06.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4140960m E: 596129m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

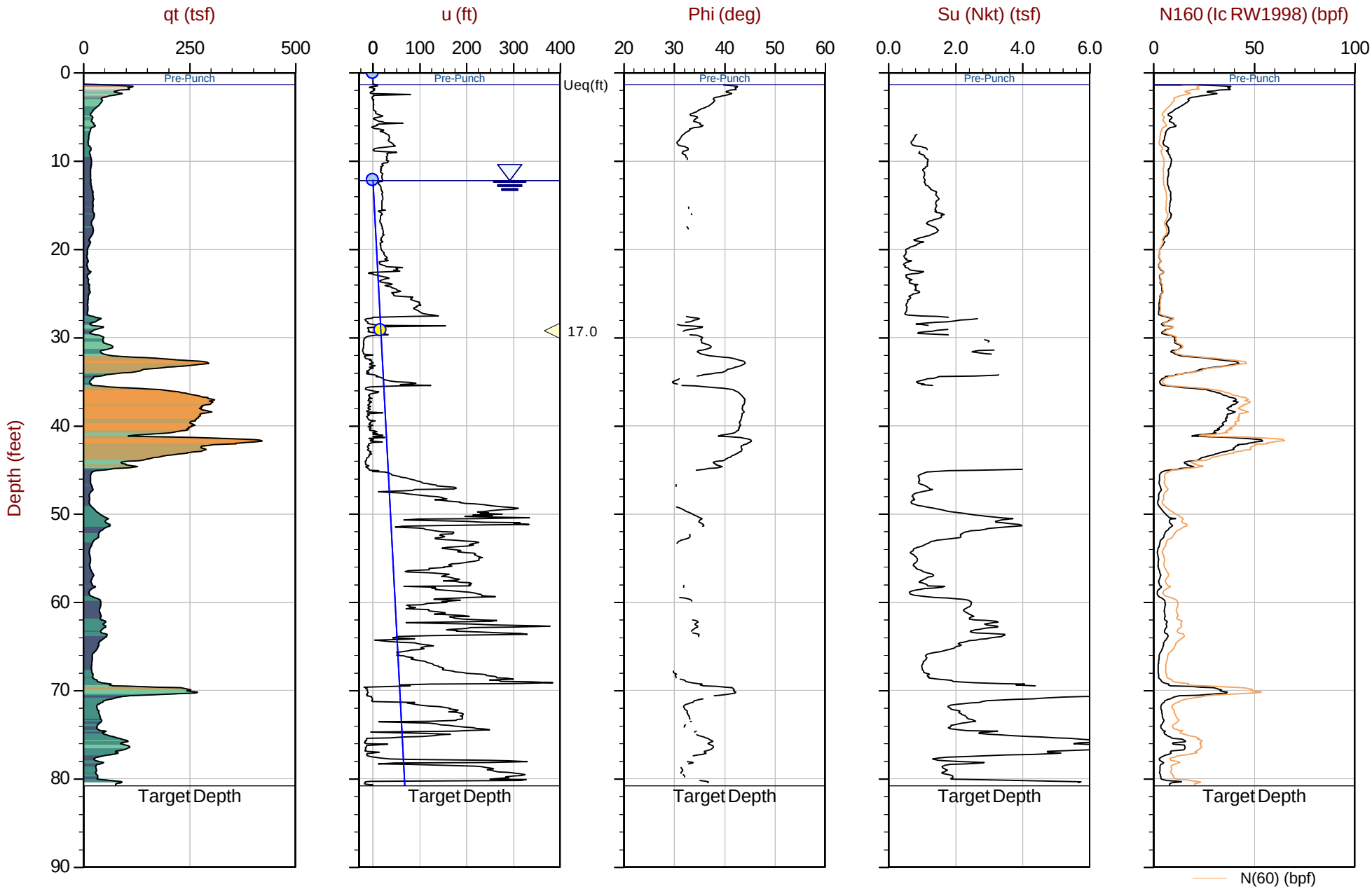
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 07:22
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-7
Cone: 815:T1500F15U35



Max Depth: 24.625 m / 80.79 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP07.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4140904m E: 596069m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

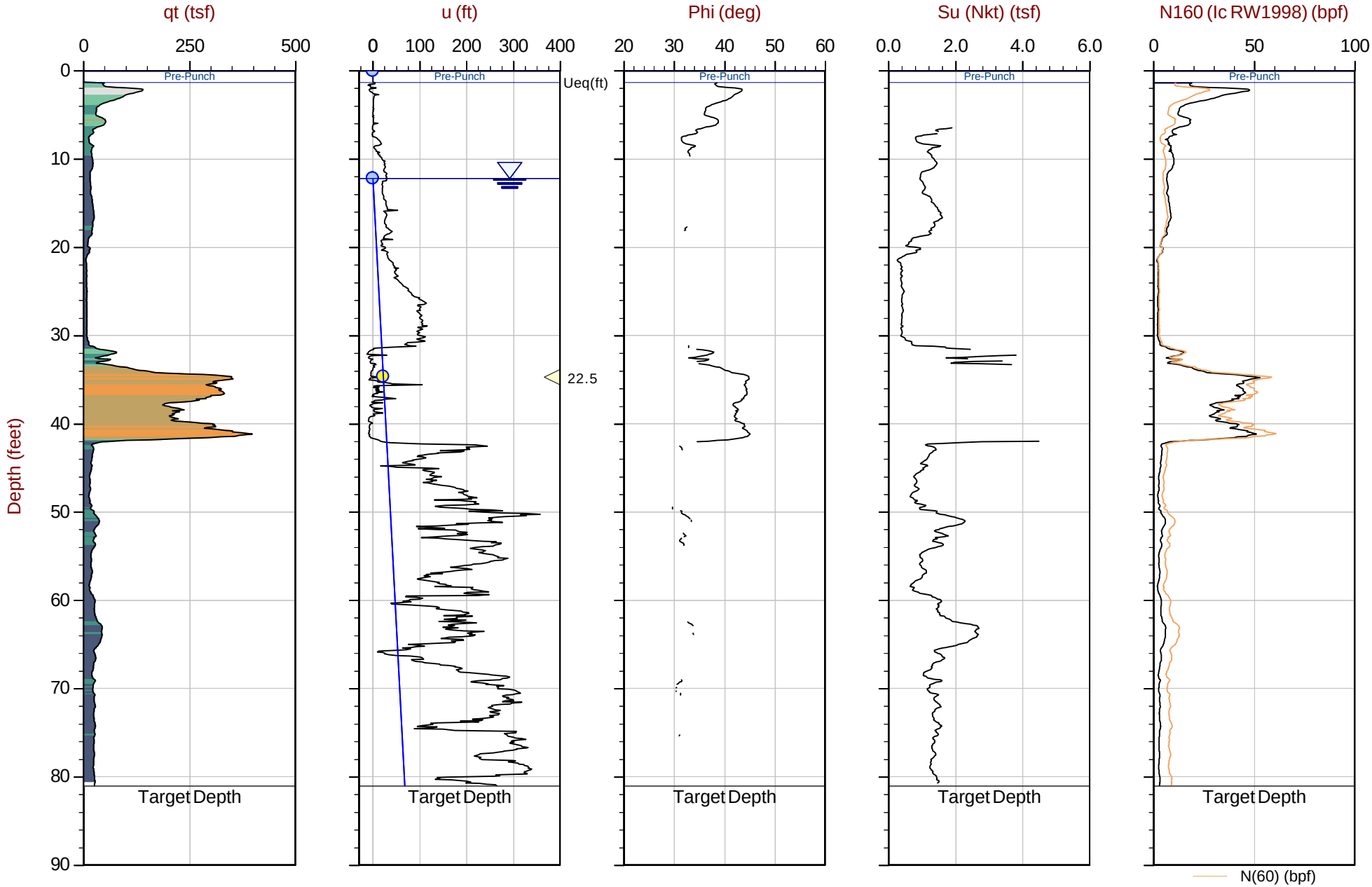
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 15:29
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-8
Cone: 815:T1500F15U35



Max Depth: 24.700 m / 81.04 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP08.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4140954m E: 596026m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

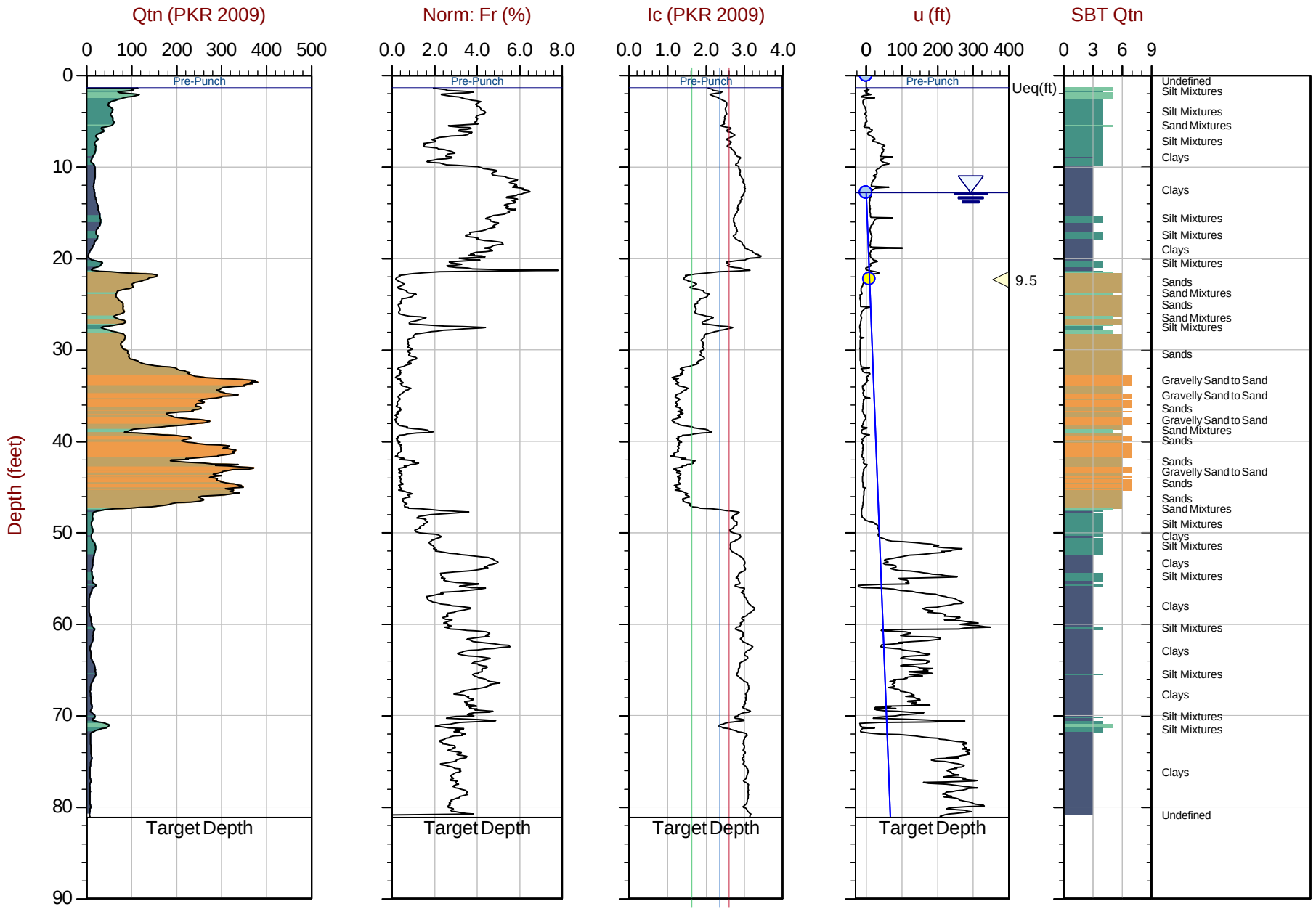
Normalized Cone Penetration Test Plots

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 14:11
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-3
Cone: 815:T1500F15U35



Max Depth: 24.725 m / 81.12 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP03.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141049m E: 596094m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

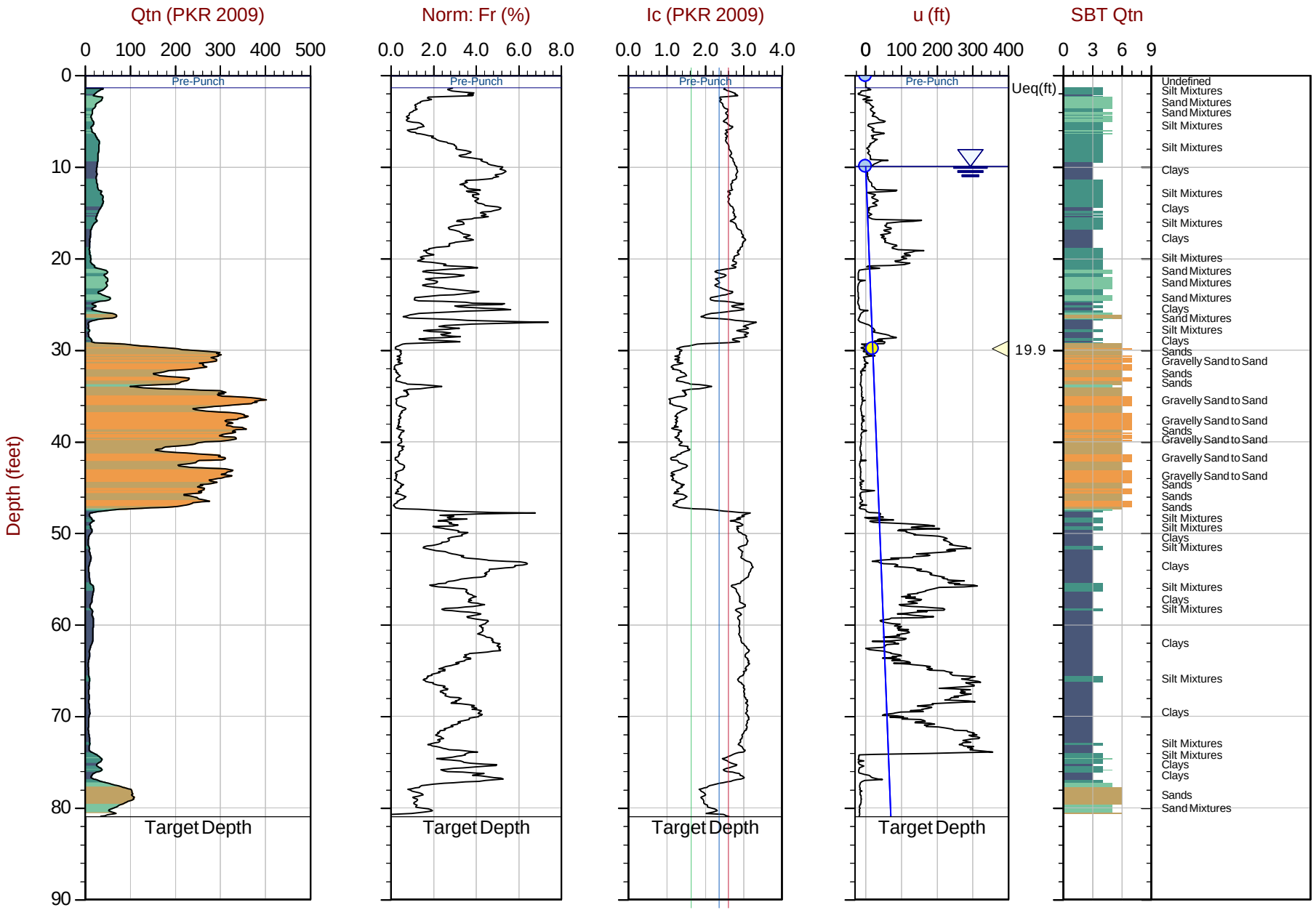
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 12:40
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-4
Cone: 815:T1500F15U35



Max Depth: 24.675 m / 80.95 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP04.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141066m E: 596248m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

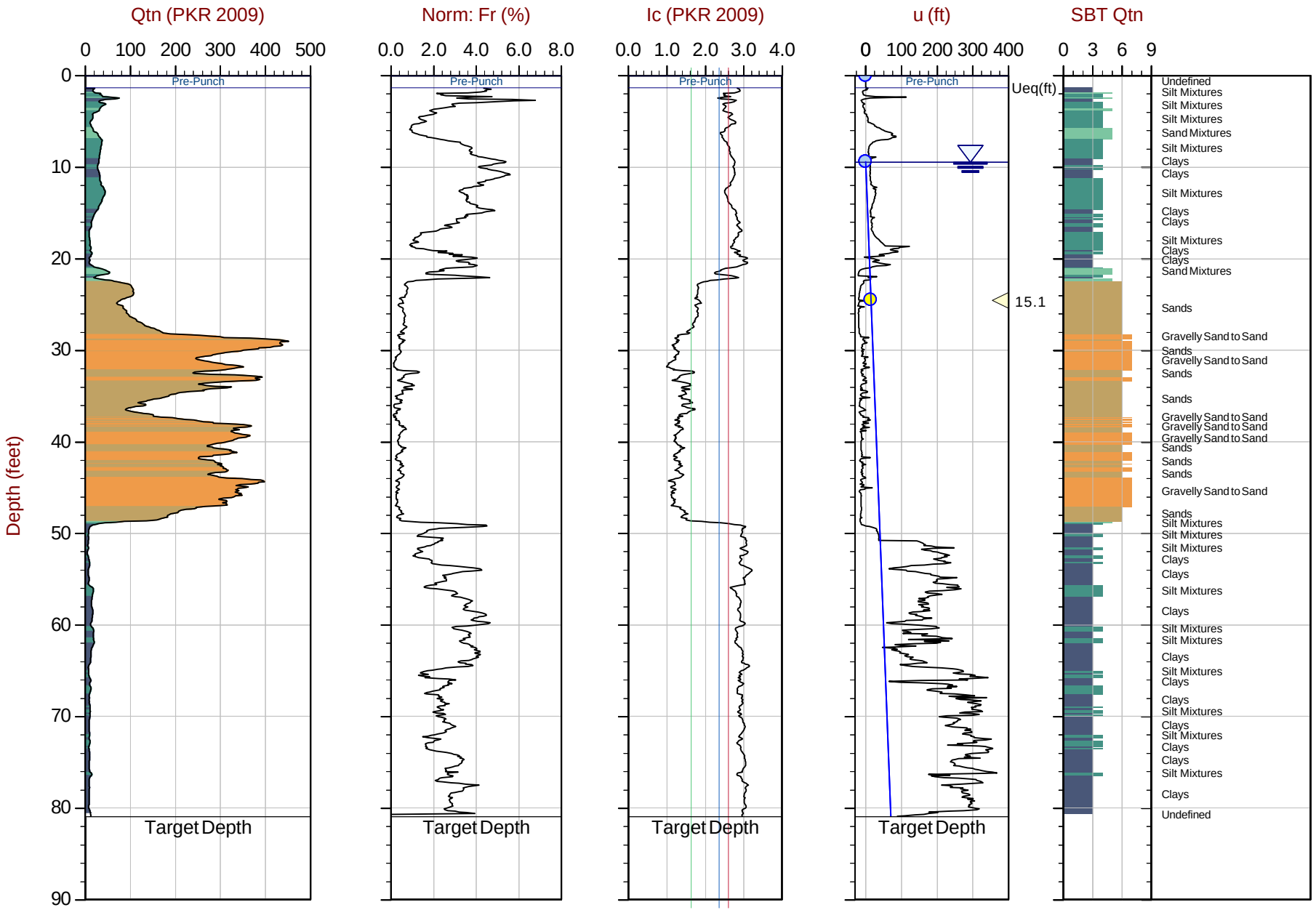
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 11:04
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-5
Cone: 815:T1500F15U35



Max Depth: 24.675 m / 80.95 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP05.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141003m E: 596228m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

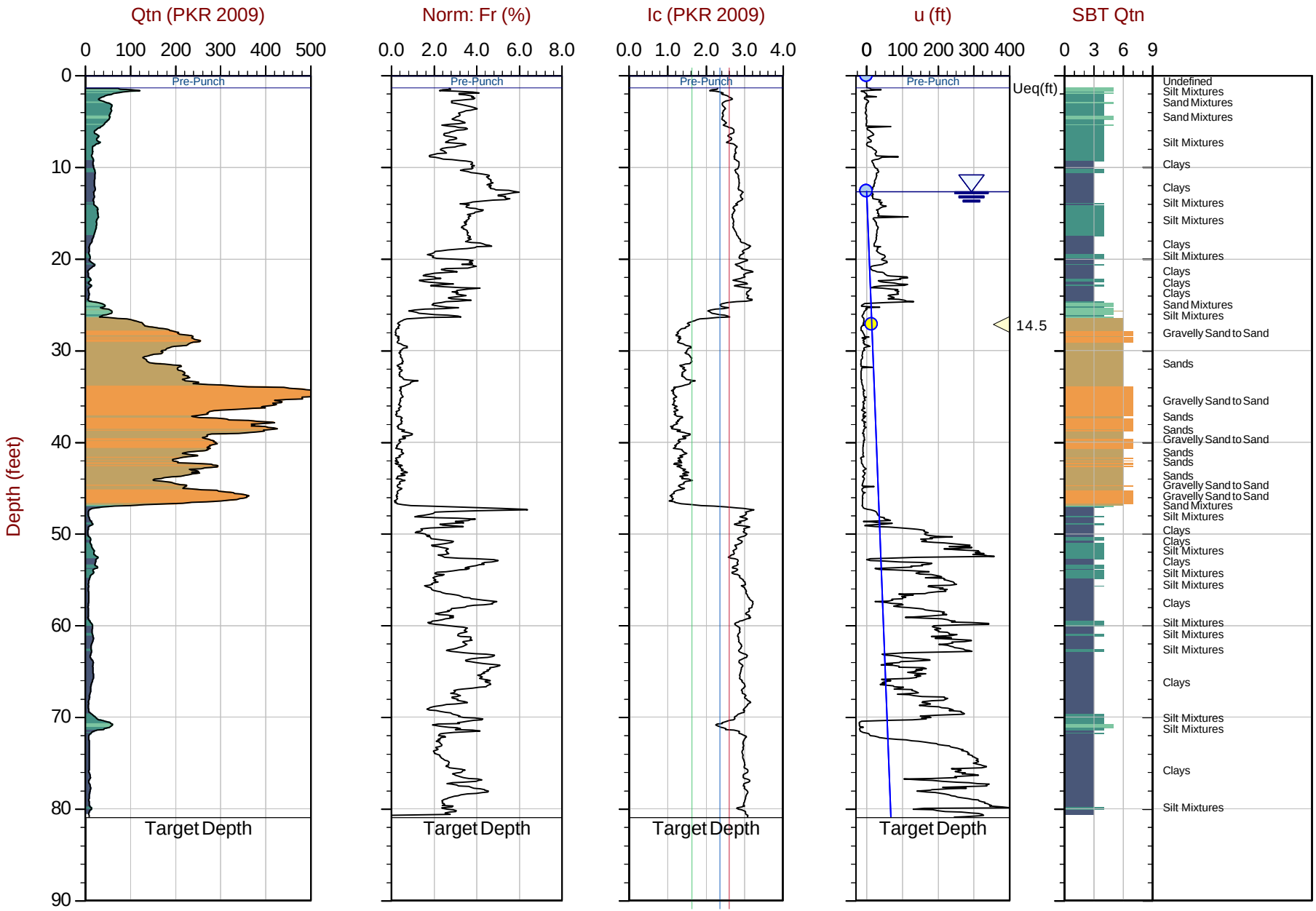
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 09:41
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-6
Cone: 815:T1500F15U35



Max Depth: 24.675 m / 80.95 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP06.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4140960m E: 596129m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

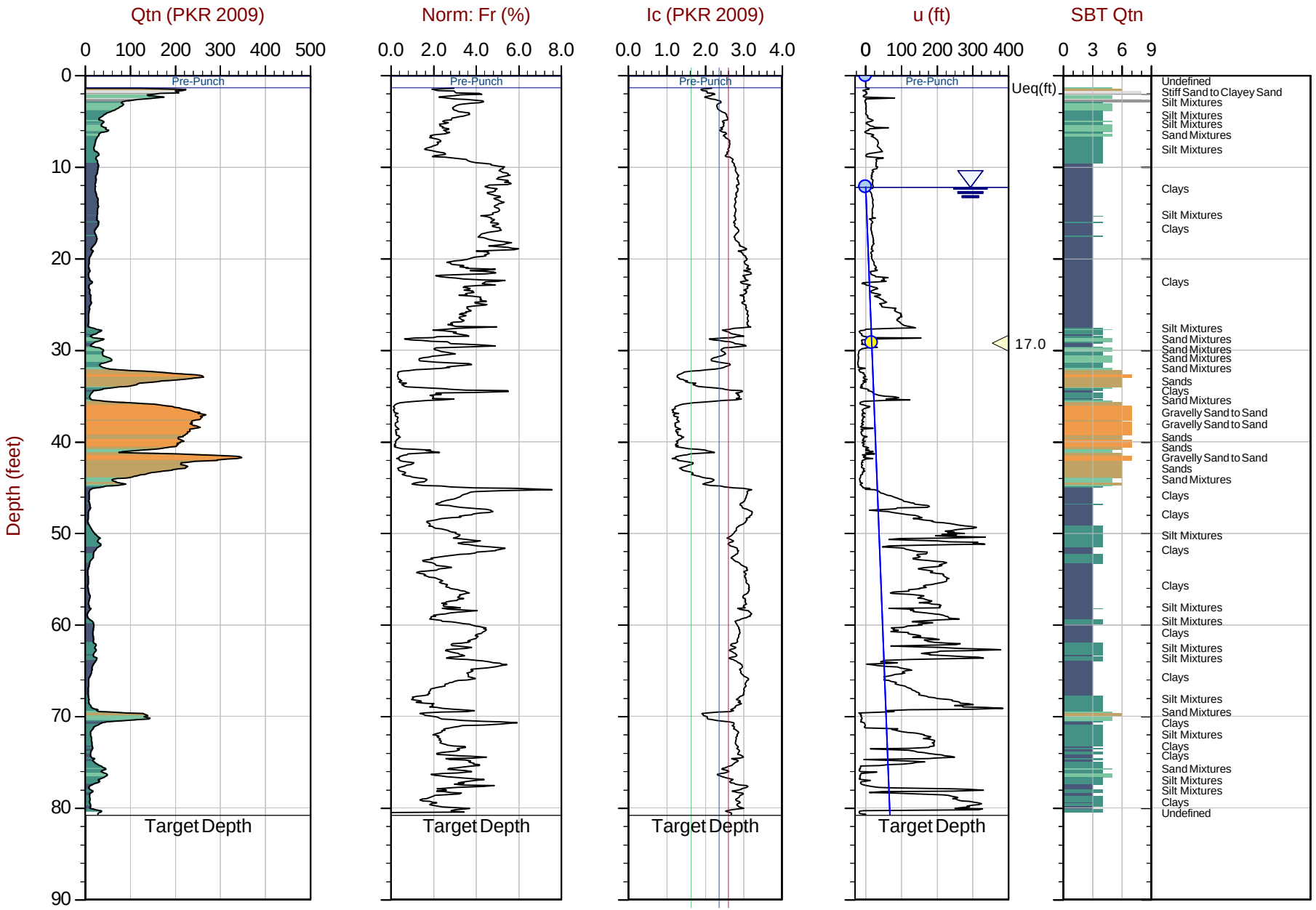
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 07:22
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-7
Cone: 815:T1500F15U35



Max Depth: 24.625 m / 80.79 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP07.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4140904m E: 596069m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

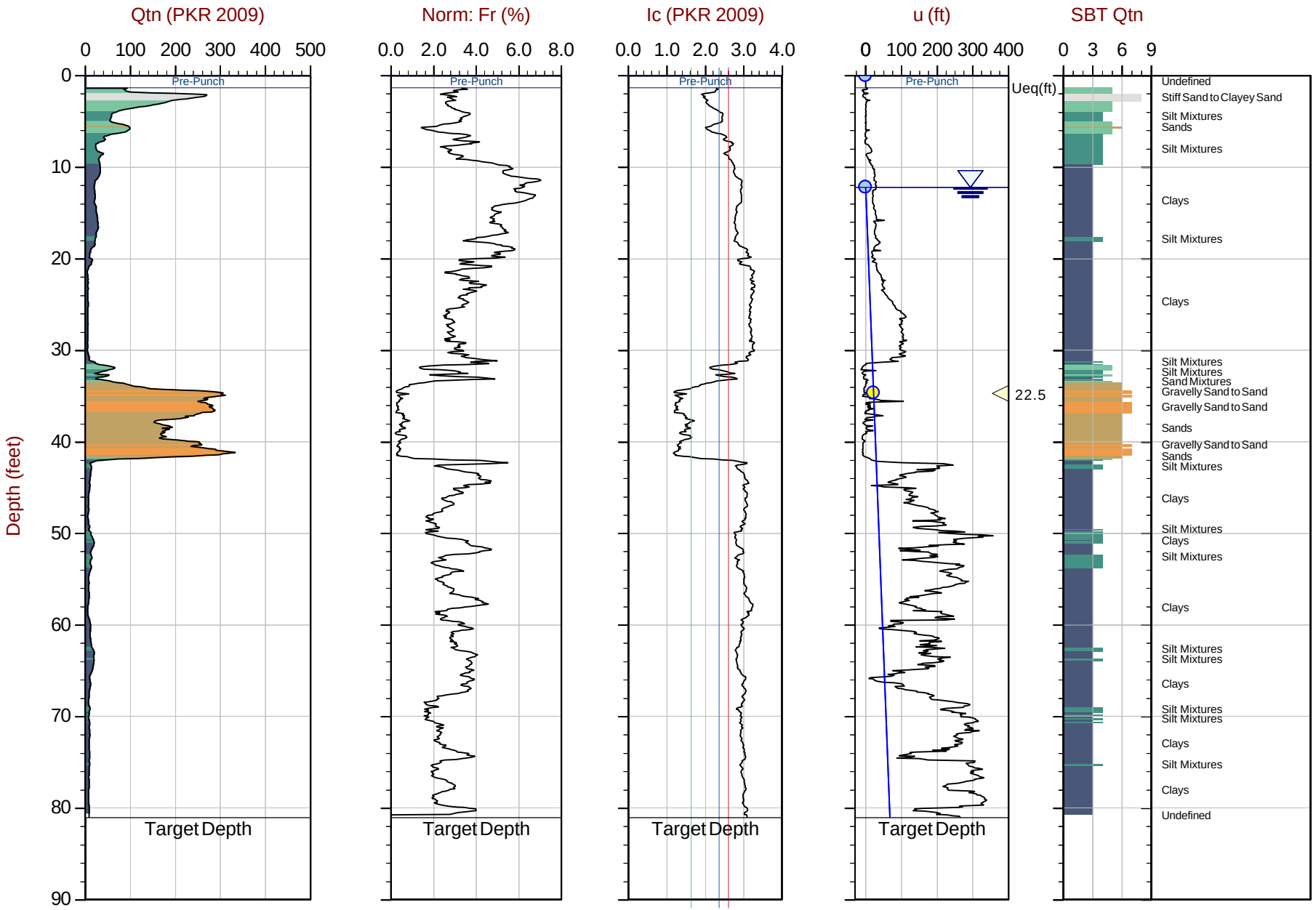
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 2022-06-27 15:29
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-8
Cone: 815:T1500F15U35



Max Depth: 24.700 m / 81.04 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-24360_CP08.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4140954m E: 596026m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

Soil Behavior Type (SBT) Scatter Plots

CONETEC

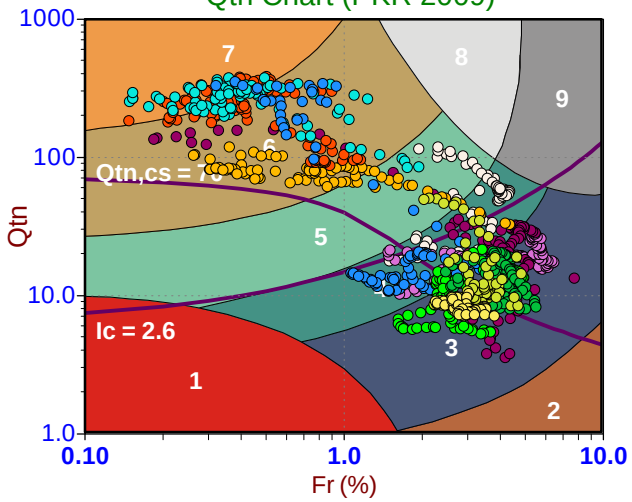
CONETEC

Iwasa Consulting

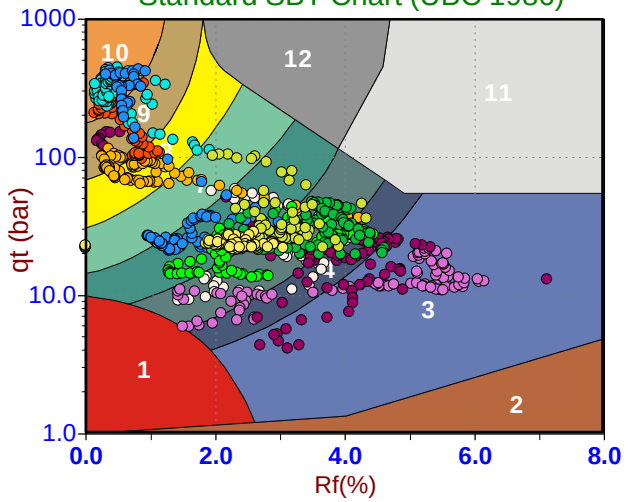
Job No: 22-56-24360
Date: 2022-06-27 14:11
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-3
Cone: 815:T1500F15U35

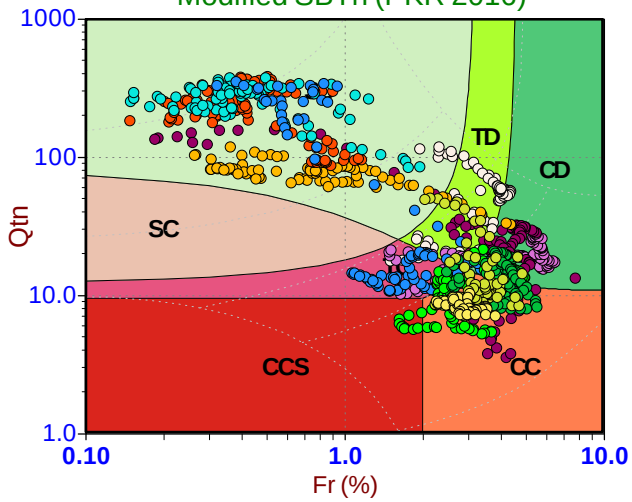
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 7.5 ft
- >7.5 to 15.0 ft
- >15.0 to 22.5 ft
- >22.5 to 30.0 ft
- >30.0 to 37.5 ft
- >37.5 to 45.0 ft
- >45.0 to 52.5 ft
- >52.5 to 60.0 ft
- >60.0 to 67.5 ft
- >67.5 to 75.0 ft
- >75.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

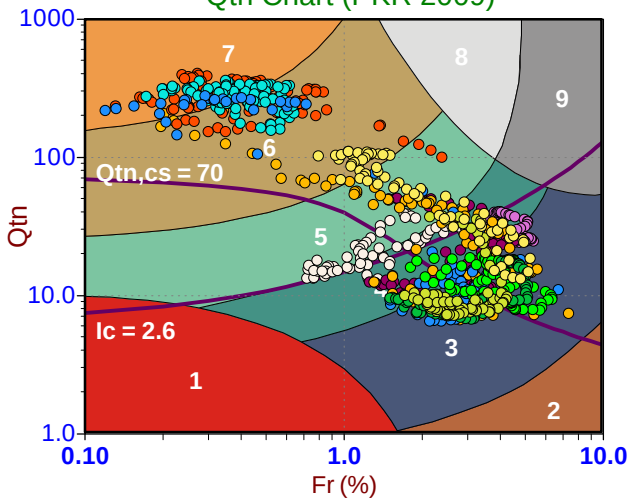
CONETEC

Iwasa Consulting

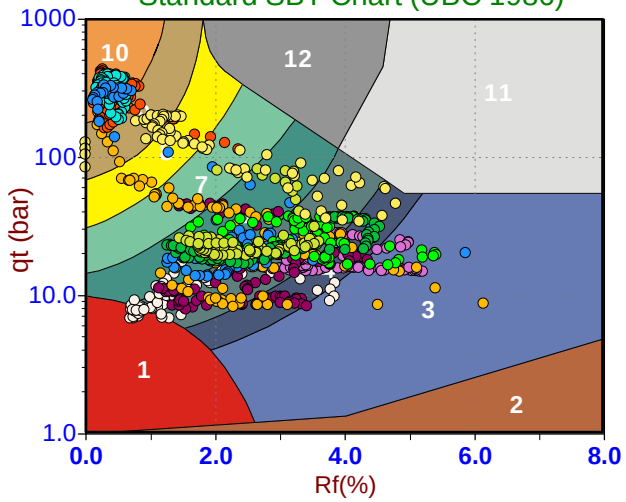
Job No: 22-56-24360
Date: 2022-06-27 12:40
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-4
Cone: 815:T1500F15U35

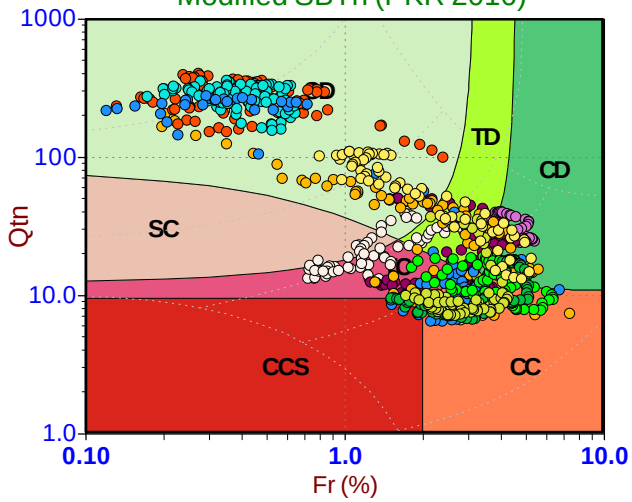
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 7.5 ft
- >7.5 to 15.0 ft
- >15.0 to 22.5 ft
- >22.5 to 30.0 ft
- >30.0 to 37.5 ft
- >37.5 to 45.0 ft
- >45.0 to 52.5 ft
- >52.5 to 60.0 ft
- >60.0 to 67.5 ft
- >67.5 to 75.0 ft
- >75.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

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- Clay
- Silty Clay
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- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

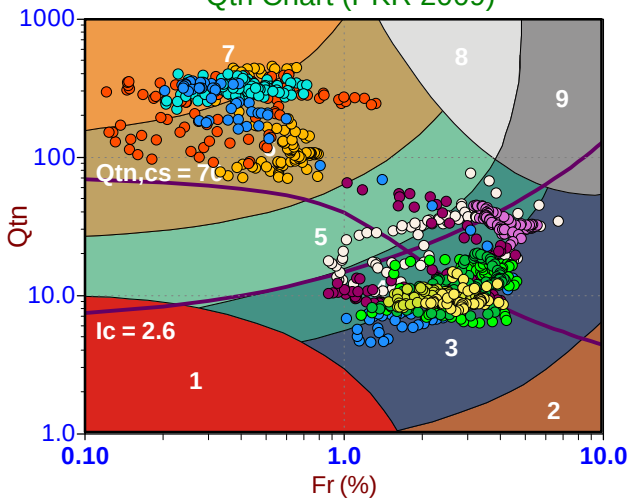
CONETEC

Iwasa Consulting

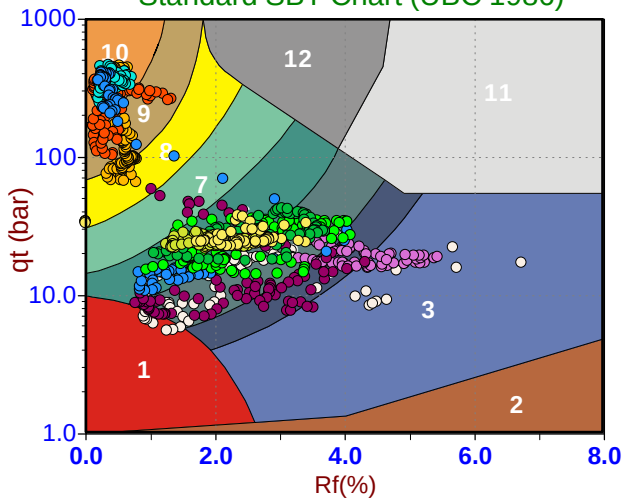
Job No: 22-56-24360
Date: 2022-06-27 11:04
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-5
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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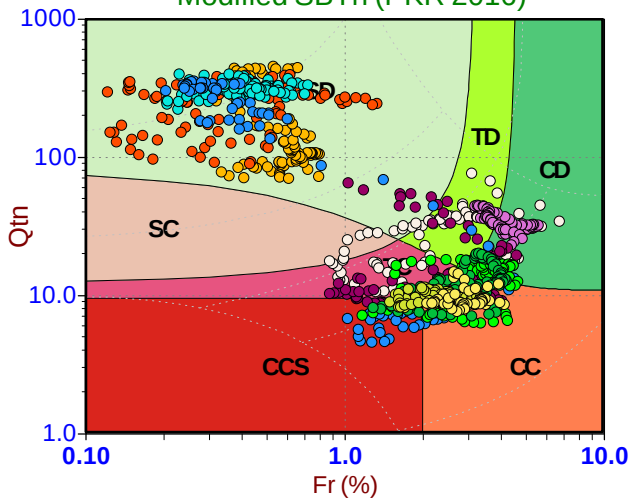

Depth Ranges

- >0.0 to 7.5 ft
- >7.5 to 15.0 ft
- >15.0 to 22.5 ft
- >22.5 to 30.0 ft
- >30.0 to 37.5 ft
- >37.5 to 45.0 ft
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- >52.5 to 60.0 ft
- >60.0 to 67.5 ft
- >67.5 to 75.0 ft
- >75.0 ft

Legend

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- TD (Dil. transitional)
- SD (Dil. sand like)

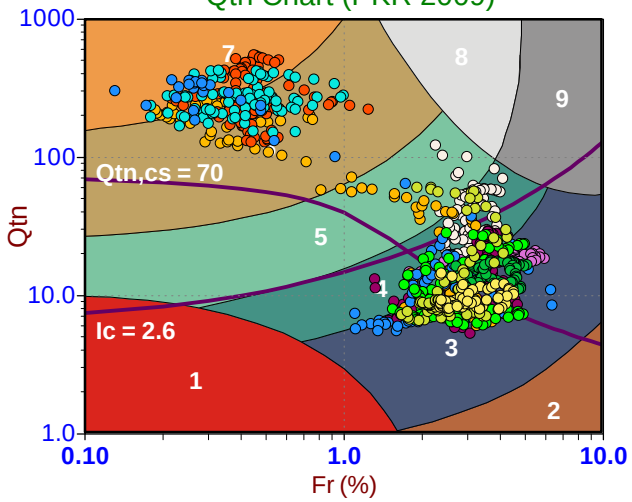
CONETEC

Iwasa Consulting

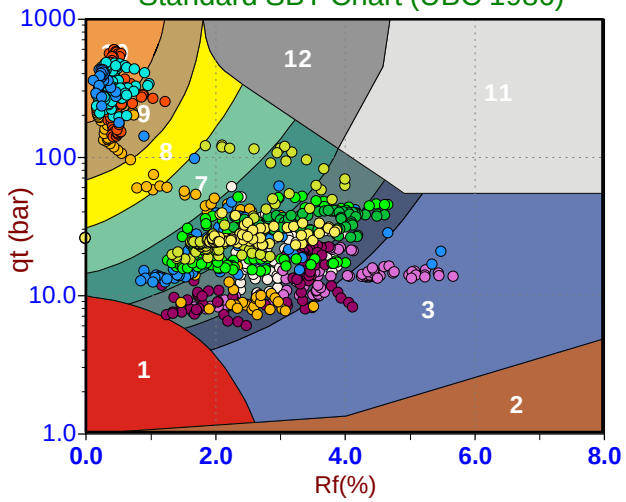
Job No: 22-56-24360
Date: 2022-06-27 09:41
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-6
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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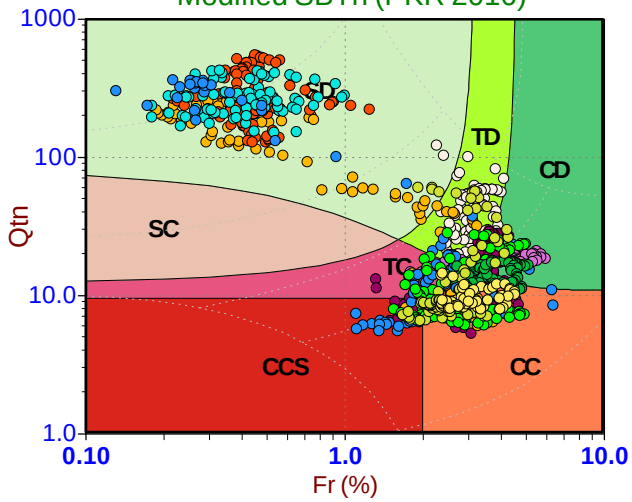

Depth Ranges

- >0.0 to 7.5 ft
- >7.5 to 15.0 ft
- >15.0 to 22.5 ft
- >22.5 to 30.0 ft
- >30.0 to 37.5 ft
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- >52.5 to 60.0 ft
- >60.0 to 67.5 ft
- >67.5 to 75.0 ft
- >75.0 ft

Legend

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- CC (Cont. clay like)
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- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

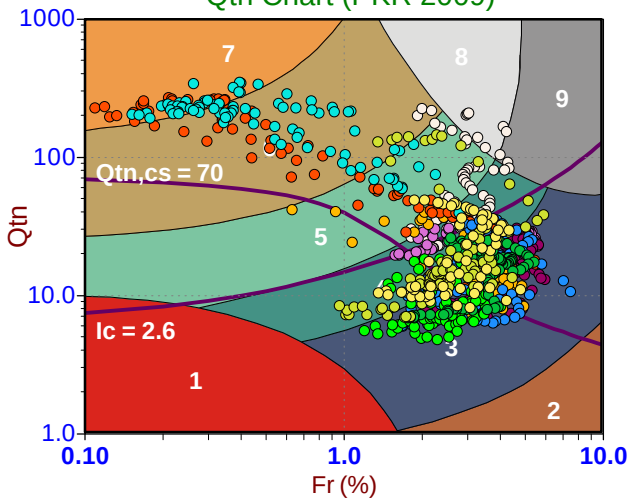
CONETEC

Iwasa Consulting

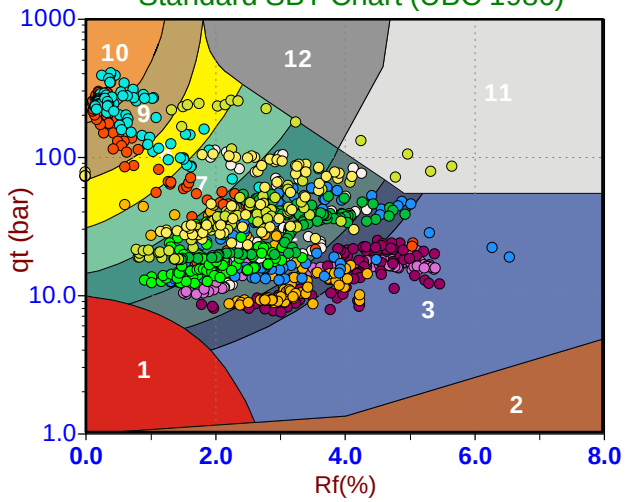
Job No: 22-56-24360
Date: 2022-06-27 07:22
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-7
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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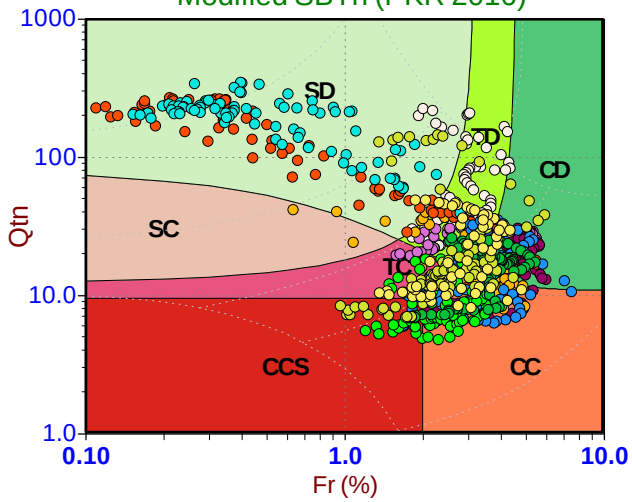


Depth Ranges

- >0.0 to 7.5 ft
- >7.5 to 15.0 ft
- >15.0 to 22.5 ft
- >22.5 to 30.0 ft
- >30.0 to 37.5 ft
- >37.5 to 45.0 ft
- >45.0 to 52.5 ft
- >52.5 to 60.0 ft
- >60.0 to 67.5 ft
- >67.5 to 75.0 ft
- >75.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

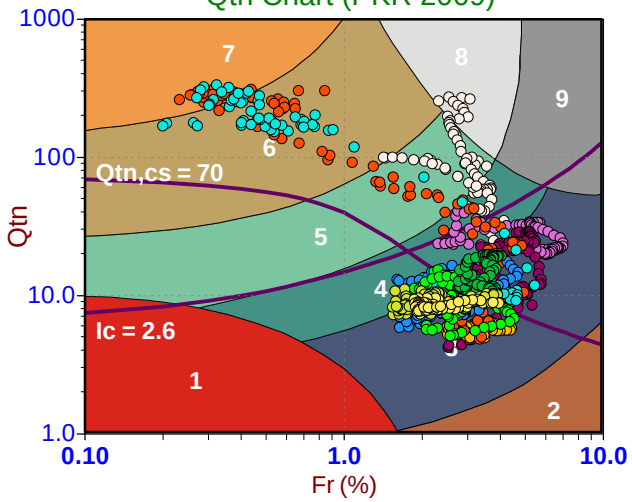
CONETEC

Iwasa Consulting

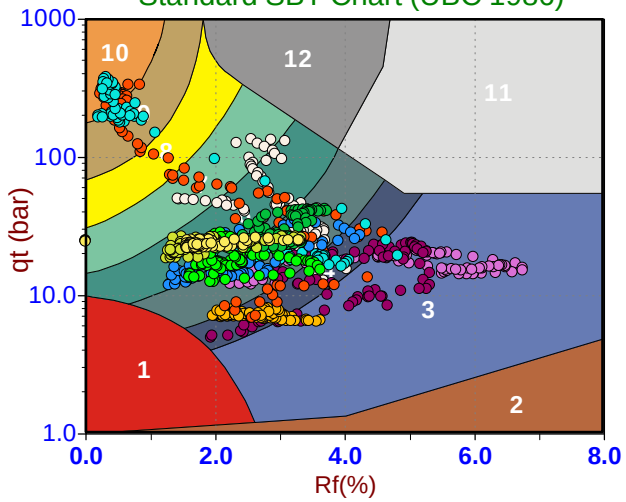
Job No: 22-56-24360
Date: 2022-06-27 15:29
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-8
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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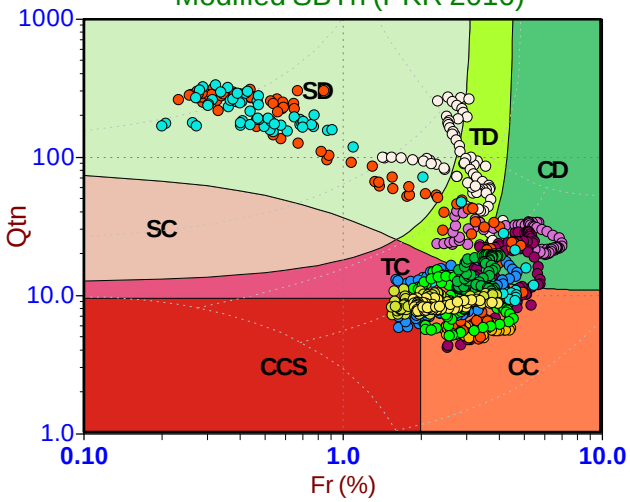


Depth Ranges

- >0.0 to 7.5 ft
- >7.5 to 15.0 ft
- >15.0 to 22.5 ft
- >22.5 to 30.0 ft
- >30.0 to 37.5 ft
- >37.5 to 45.0 ft
- >45.0 to 52.5 ft
- >52.5 to 60.0 ft
- >60.0 to 67.5 ft
- >67.5 to 75.0 ft
- >75.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

Pore Pressure Dissipation Summary and Pore Pressure Dissipation Plots

Job No:	22-56-24360
Client:	Iwasa Consulting
Project:	501 Sycamore Dr, Milpitas
Start Date:	27-Jun-2022
End Date:	27-Jun-2022

CPTu PORE PRESSURE DISSIPATION SUMMARY

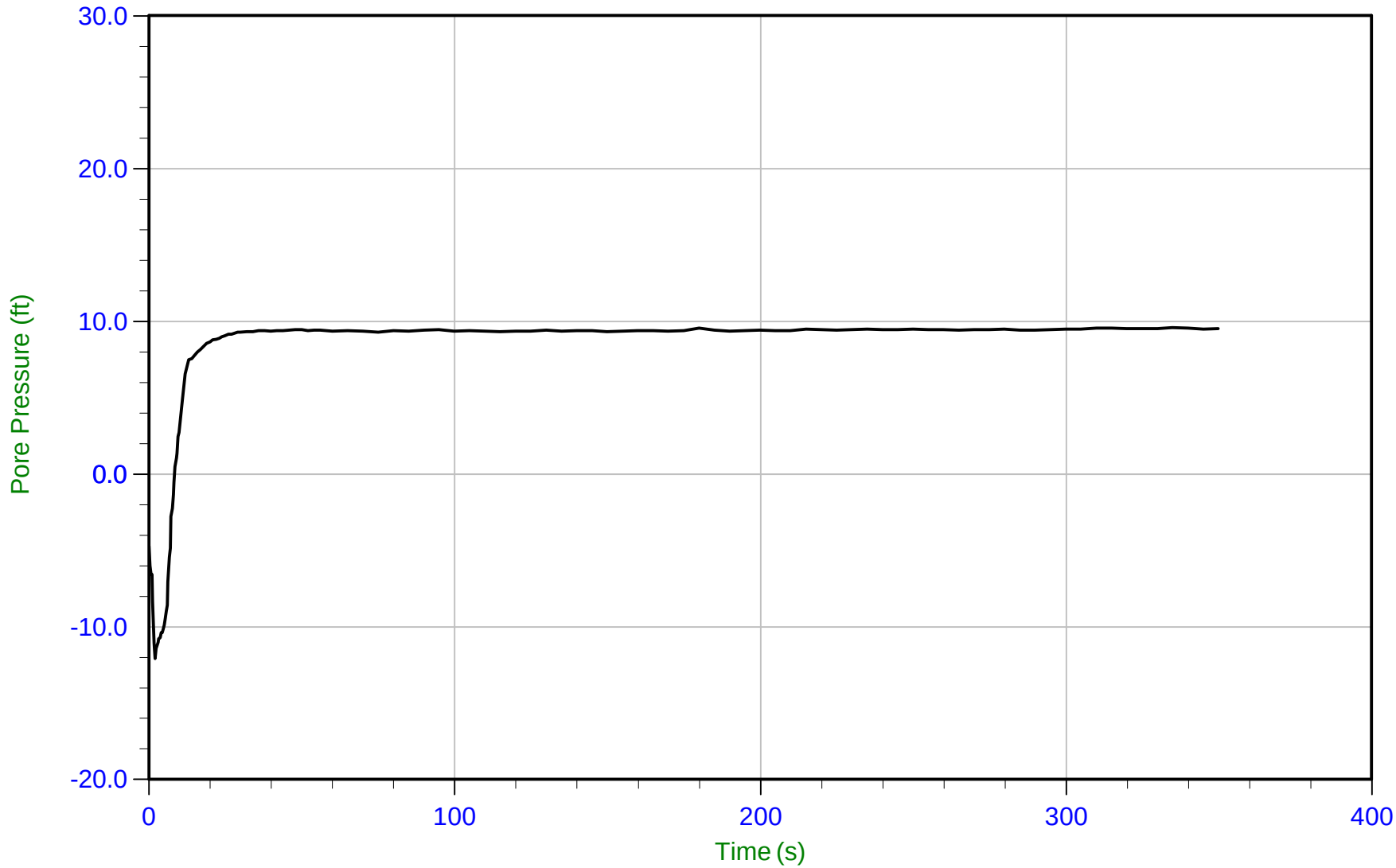
Sounding ID	File Name	Cone Area (cm^2)	Duration (s)	Test Depth (ft)	Estimated Equilibrium Pore Pressure U_{eq} (ft)	Calculated Phreatic Surface (ft)
2022-CPT-3	22-56-24360_CP03	15	350	22.31	9.5	12.8
2022-CPT-4	22-56-24360_CP04	15	315	29.86	19.9	9.9
2022-CPT-5	22-56-24360_CP05	15	415	24.52	15.1	9.4
2022-CPT-6	22-56-24360_CP06	15	320	27.15	14.5	12.6
2022-CPT-7	22-56-24360_CP07	15	315	29.20	17.0	12.2
2022-CPT-8	22-56-24360_CP08	15	375	34.69	22.5	12.2

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 06/27/2022 14:11
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-3
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-24360_CP03.PPD2
Depth: 6.800 m / 22.309 ft
Duration: 350.0 s

u Min: -12.1 ft
u Max: 9.6 ft
u Final: 9.5 ft

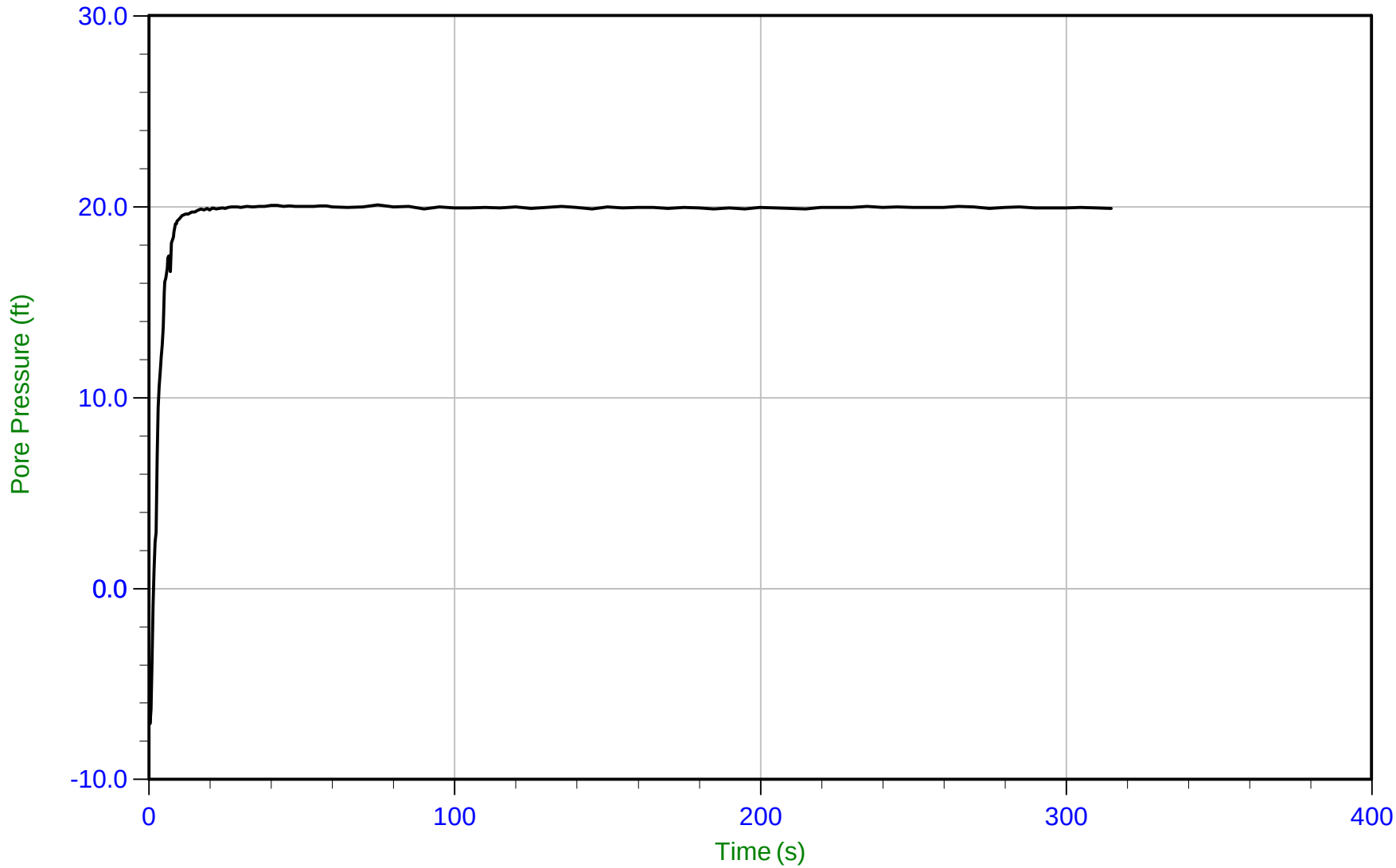
WT: 3.907 m / 12.819 ft
Ueq: 9.5 ft

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 06/27/2022 12:40
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-4
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-24360_CP04.PPD2
Depth: 9.100 m / 29.855 ft
Duration: 315.0 s

u Min: -7.1 ft
u Max: 20.1 ft
u Final: 19.9 ft

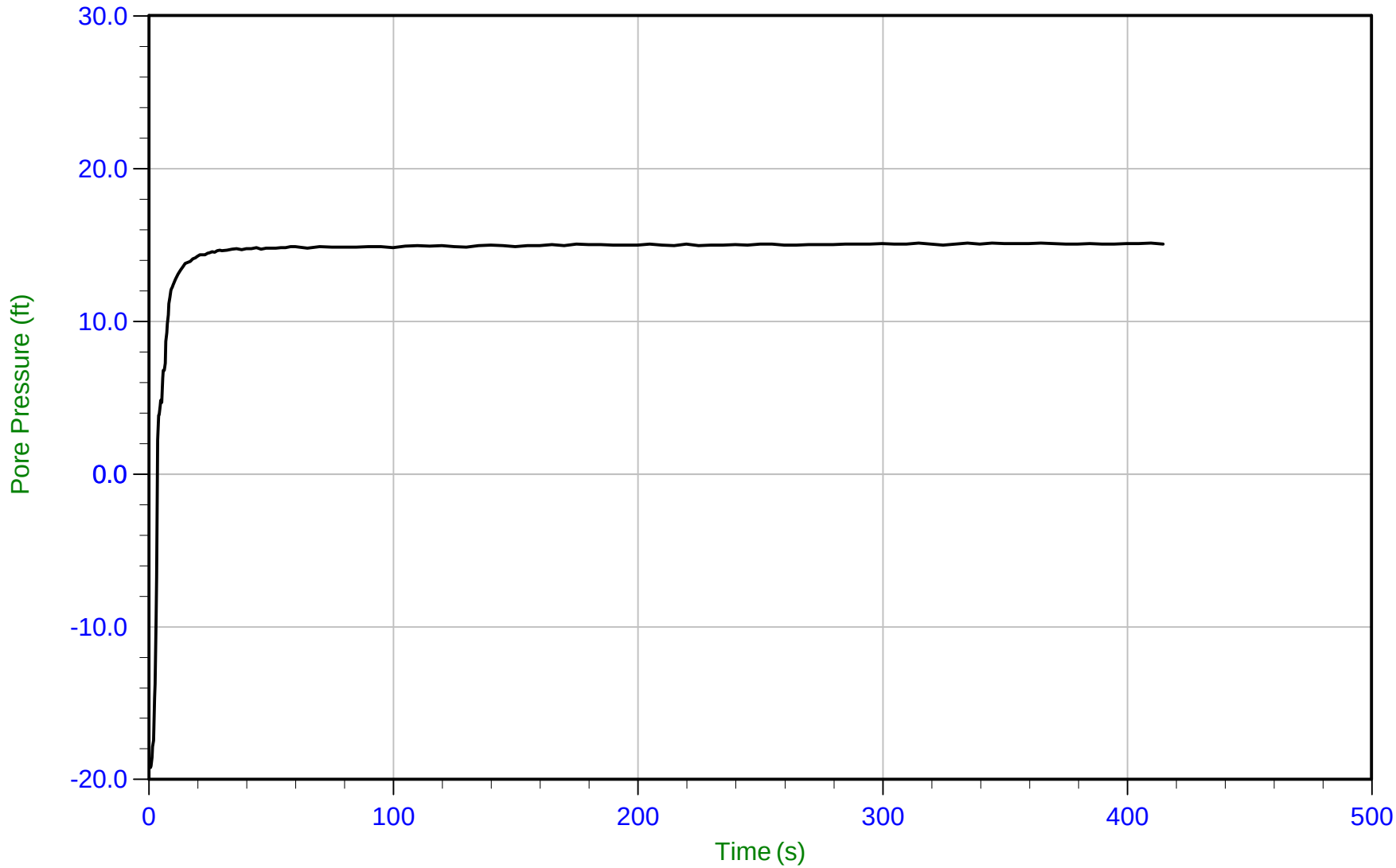
WT: 3.023 m / 9.919 ft
Ueq: 19.9 ft

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 06/27/2022 11:04
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-5
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-24360_CP05.PPD2
Depth: 7.475 m / 24.524 ft
Duration: 415.0 s

u Min: -19.2 ft
u Max: 15.1 ft
u Final: 15.1 ft

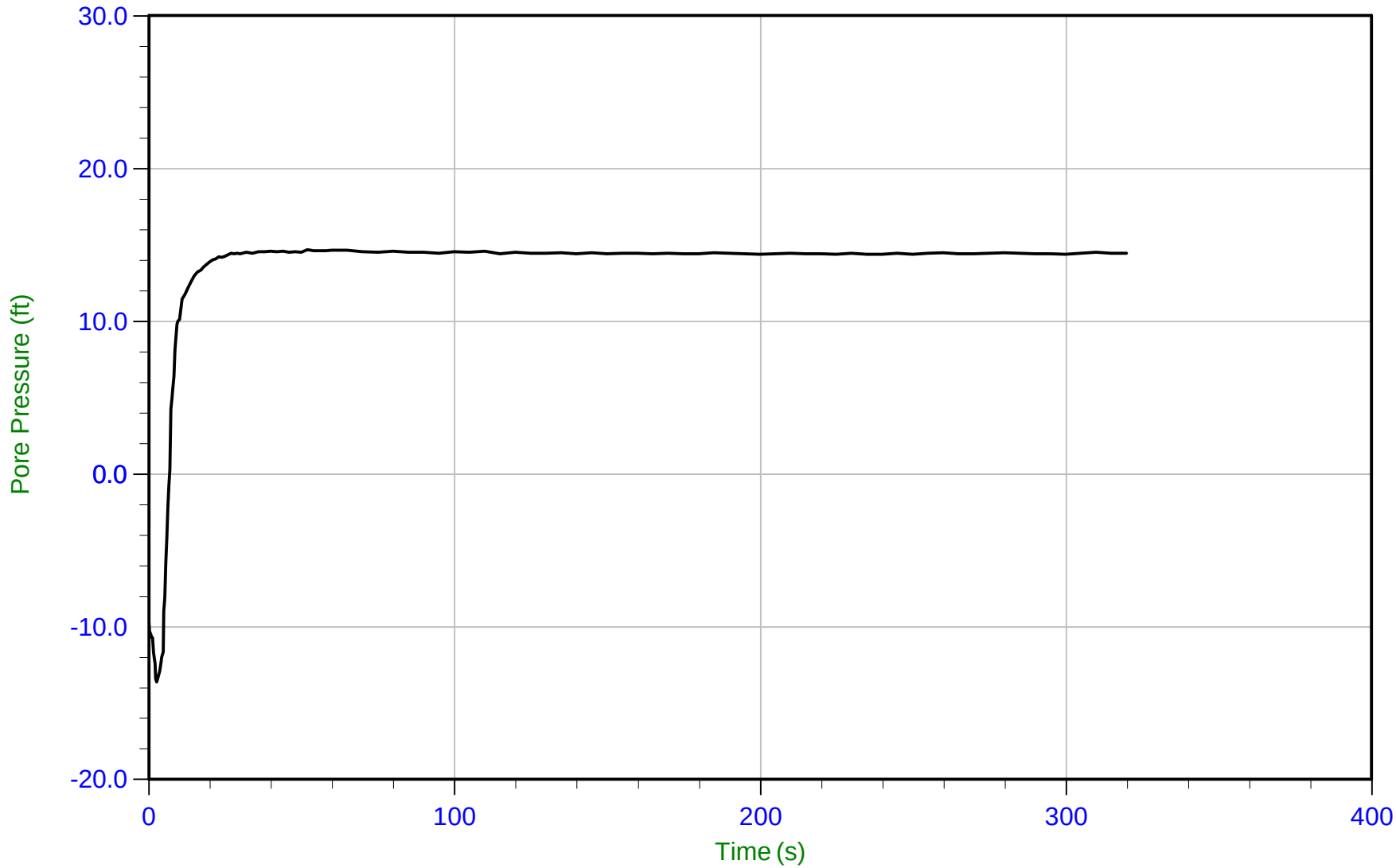
WT: 2.880 m / 9.450 ft
Ueq: 15.1 ft

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 06/27/2022 09:41
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-6
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-24360_CP06.PPD2
Depth: 8.275 m / 27.149 ft
Duration: 320.0 s

u Min: -13.6 ft
u Max: 14.7 ft
u Final: 14.5 ft

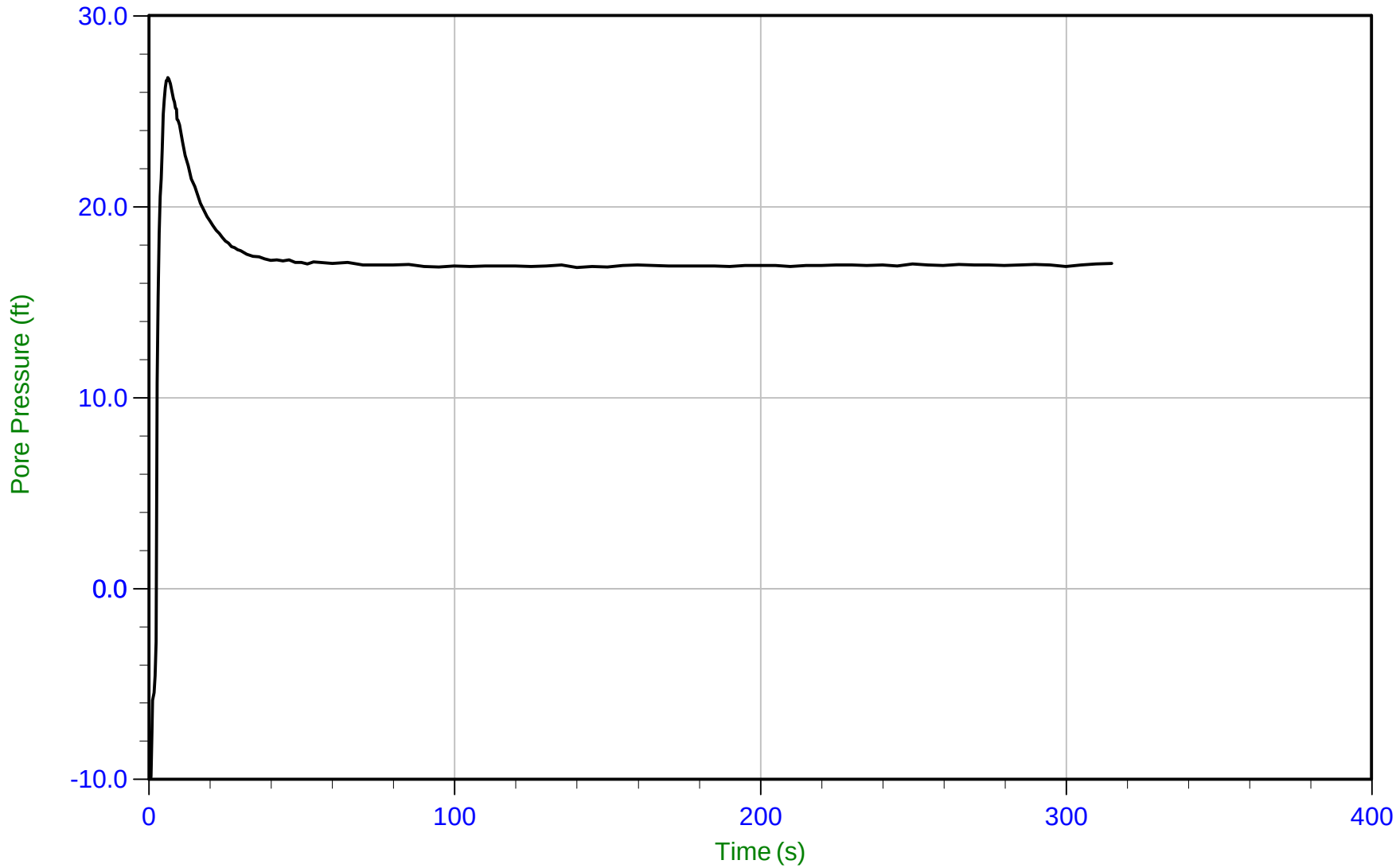
WT: 3.855 m / 12.648 ft
Ueq: 14.5 ft

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 06/27/2022 07:22
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-7
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-24360_CP07.PPD2
Depth: 8.900 m / 29.199 ft
Duration: 315.0 s

u Min: -10.4 ft
u Max: 26.8 ft
u Final: 17.0 ft

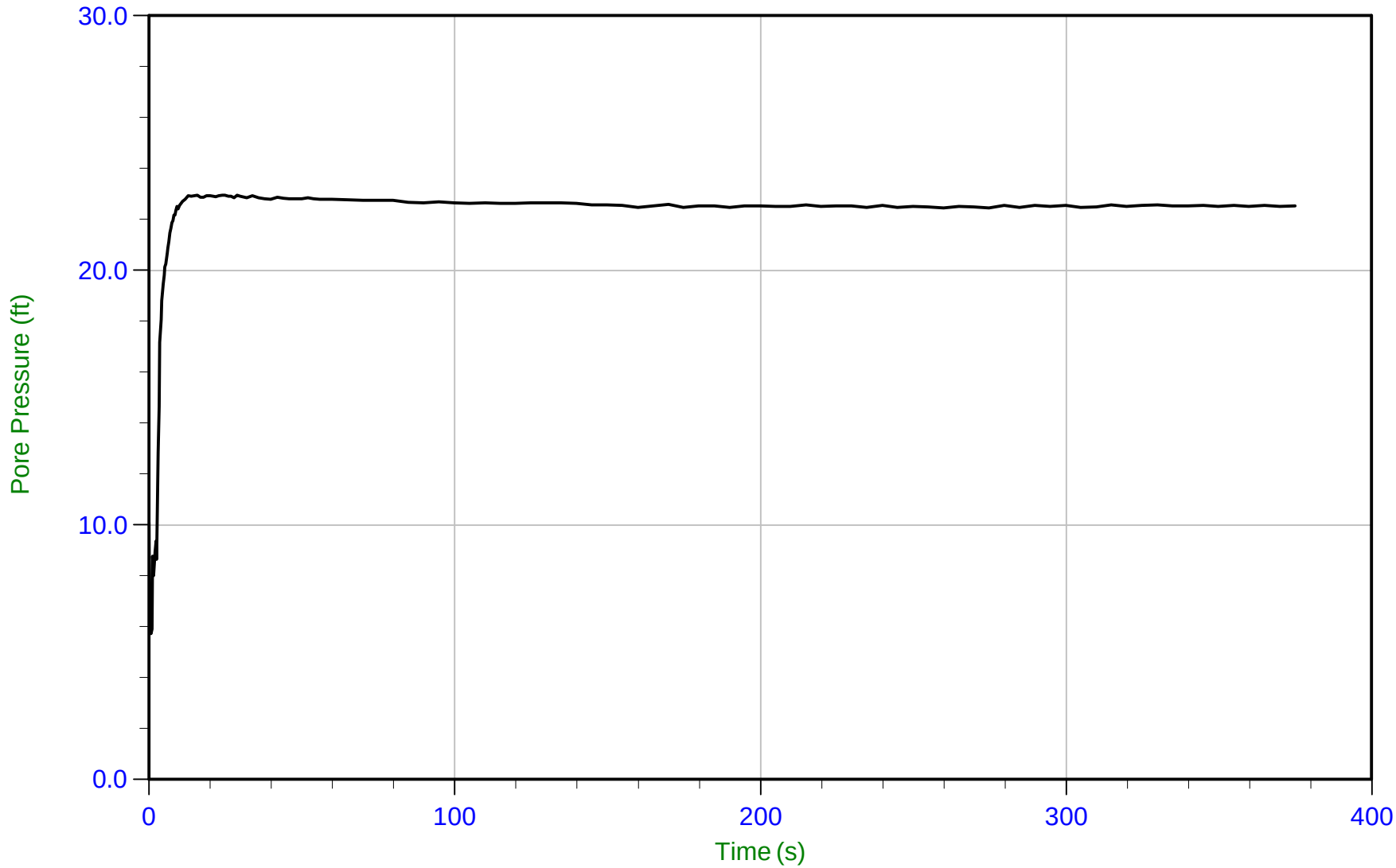
WT: 3.716 m / 12.193 ft
Ueq: 17.0 ft

CONETEC

Iwasa Consulting

Job No: 22-56-24360
Date: 06/27/2022 15:29
Site: 501 Sycamore Dr, Milpitas

Sounding: 2022-CPT-8
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-24360_CP08.PPD2
Depth: 10.575 m / 34.694 ft
Duration: 375.0 s

u Min: 5.7 ft
u Max: 23.0 ft
u Final: 22.5 ft

WT: 3.722 m / 12.211 ft
Ueq: 22.5 ft

Methodology Statements and Data File Formats

CONETEC

Cone penetration tests (CPTu) are conducted using an integrated electronic piezocone penetrometer and data acquisition system manufactured by Adara Systems Ltd., a subsidiary of ConeTec.

ConeTec's piezocone penetrometers are compression type designs in which the tip and friction sleeve load cells are independent and have separate load capacities. The piezocones use strain gauged load cells for tip and sleeve friction and a strain gauged diaphragm type transducer for recording pore pressure. The piezocones also have a platinum resistive temperature device (RTD) for monitoring the temperature of the sensors, an accelerometer type dual axis inclinometer and two geophone sensors for recording seismic signals. All signals are amplified and measured with minimum sixteen-bit resolution down hole within the cone body, and the signals are sent to the surface using a high bandwidth, error corrected digital interface through a shielded cable.

ConeTec penetrometers are manufactured with various tip, friction and pore pressure capacities in both 10 cm^2 and 15 cm^2 tip base area configurations in order to maximize signal resolution for various soil conditions. The specific piezocone used for each test is described in the CPT summary table presented in the first appendix. The 15 cm^2 penetrometers do not require friction reducers as they have a diameter larger than the deployment rods. The 10 cm^2 piezocones use a friction reducer consisting of a rod adapter extension behind the main cone body with an enlarged cross sectional area (typically 44 millimeters diameter over a length of 32 millimeters with tapered leading and trailing edges) located at a distance of 585 millimeters above the cone tip.

The penetrometers are designed with equal end area friction sleeves, a net end area ratio of 0.8 and cone tips with a 60 degree apex angle.

All ConeTec piezocones can record pore pressure at various locations. Unless otherwise noted, the pore pressure filter is located directly behind the cone tip in the "u_2" position (ASTM Type 2). The filter is six millimeters thick, made of porous plastic (polyethylene) having an average pore size of 125 microns (90-160 microns). The function of the filter is to allow rapid movements of extremely small volumes of water needed to activate the pressure transducer while preventing soil ingress or blockage.

The piezocone penetrometers are manufactured with dimensions, tolerances and sensor characteristics that are in general accordance with the current ASTM D5778 standard. ConeTec's calibration criteria also meets or exceeds those of the current ASTM D5778 standard. An illustration of the piezocone penetrometer is presented in Figure CPTu.

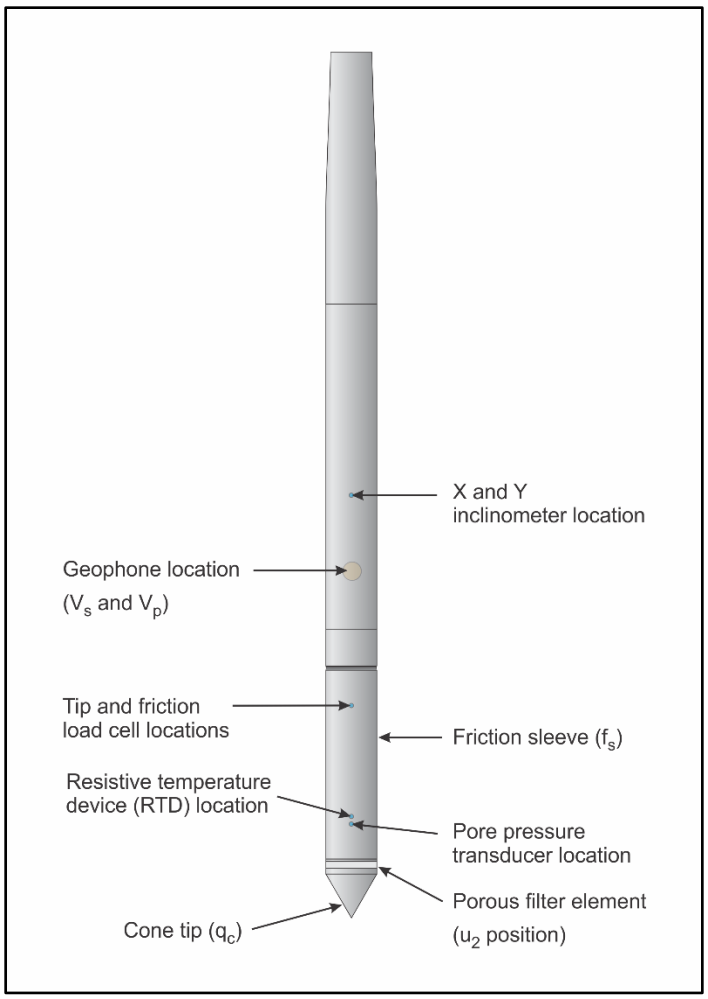


Figure CPTu. Piezocone Penetrometer (15 cm^2)

The ConeTec data acquisition systems consist of a Windows based computer and a signal interface box and power supply. The signal interface combines depth increment signals, seismic trigger signals and the downhole digital data. This combined data is then sent to the Windows based computer for collection and presentation. The data is recorded at fixed depth increments using a depth wheel attached to the push cylinders or by using a spring loaded rubber depth wheel that is held against the cone rods. The typical recording interval is 2.5 centimeters; custom recording intervals are possible.

The system displays the CPTu data in real time and records the following parameters to a storage media during penetration:

- Depth
- Uncorrected tip resistance (q_c)
- Sleeve friction (f_s)
- Dynamic pore pressure (u)
- Additional sensors such as resistivity, passive gamma, ultra violet induced fluorescence, if applicable

All testing is performed in accordance to ConeTec's CPTu operating procedures which are in general accordance with the current ASTM D5778 standard.

Prior to the start of a CPTu sounding a suitable cone is selected, the cone and data acquisition system are powered on, the pore pressure system is saturated with silicone oil and the baseline readings are recorded with the cone hanging freely in a vertical position.

The CPTu is conducted at a steady rate of two centimeters per second, within acceptable tolerances. Typically one meter length rods with an outer diameter of 1.5 inches (38.1 millimeters) are added to advance the cone to the sounding termination depth. After cone retraction final baselines are recorded.

Additional information pertaining to ConeTec's cone penetration testing procedures:

- Each filter is saturated in silicone oil under vacuum pressure prior to use
- Baseline readings are compared to previous readings
- Soundings are terminated at the client's target depth or at a depth where an obstruction is encountered, excessive rod flex occurs, excessive inclination occurs, equipment damage is likely to take place, or a dangerous working environment arises
- Differences between initial and final baselines are calculated to ensure zero load offsets have not occurred and to ensure compliance with ASTM standards

The interpretation of piezocone data for this report is based on the corrected tip resistance (q_t), sleeve friction (f_s) and pore water pressure (u). The interpretation of soil type is based on the correlations developed by Robertson et al. (1986) and Robertson (1990, 2009). It should be noted that it is not always possible to accurately identify a soil behavior type based on these parameters. In these situations, experience, judgment and an assessment of other parameters may be used to infer soil behavior type.

The recorded tip resistance (q_c) is the total force acting on the piezocone tip divided by its base area. The tip resistance is corrected for pore pressure effects and termed corrected tip resistance (q_t) according to the following expression presented in Robertson et al. (1986):

$$q_t = q_c + (1\text{-}a) \bullet u_2$$

where: q_t is the corrected tip resistance
q_c is the recorded tip resistance
u_2 is the recorded dynamic pore pressure behind the tip (u_2 position)
a is the Net Area Ratio for the piezocone (0.8 for ConeTec probes)

The sleeve friction (f_s) is the frictional force on the sleeve divided by its surface area. As all ConeTec piezocones have equal end area friction sleeves, pore pressure corrections to the sleeve data are not required.

The dynamic pore pressure (u) is a measure of the pore pressures generated during cone penetration. To record equilibrium pore pressure, the penetration must be stopped to allow the dynamic pore pressures to stabilize. The rate at which this occurs is predominantly a function of the permeability of the soil and the diameter of the cone.

The friction ratio (R_f) is a calculated parameter. It is defined as the ratio of sleeve friction to the tip resistance expressed as a percentage. Generally, saturated cohesive soils have low tip resistance, high friction ratios and generate large excess pore water pressures. Cohesionless soils have higher tip resistances, lower friction ratios and do not generate significant excess pore water pressure.

A summary of the CPTu soundings along with test details and individual plots are provided in the appendices. A set of files with calculated geotechnical parameters were generated for each sounding based on published correlations and are provided in Excel format in the data release folder. Information regarding the methods used is also included in the data release folder.

For additional information on CPTu interpretations and calculated geotechnical parameters, refer to Robertson et al. (1986), Lunne et al. (1997), Robertson (2009), Mayne (2013, 2014) and Mayne and Peuchen (2012).

The cone penetration test is halted at specific depths to carry out pore pressure dissipation (PPD) tests, shown in Figure PPD-1. For each dissipation test the cone and rods are decoupled from the rig and the data acquisition system measures and records the variation of the pore pressure (u) with time (t).

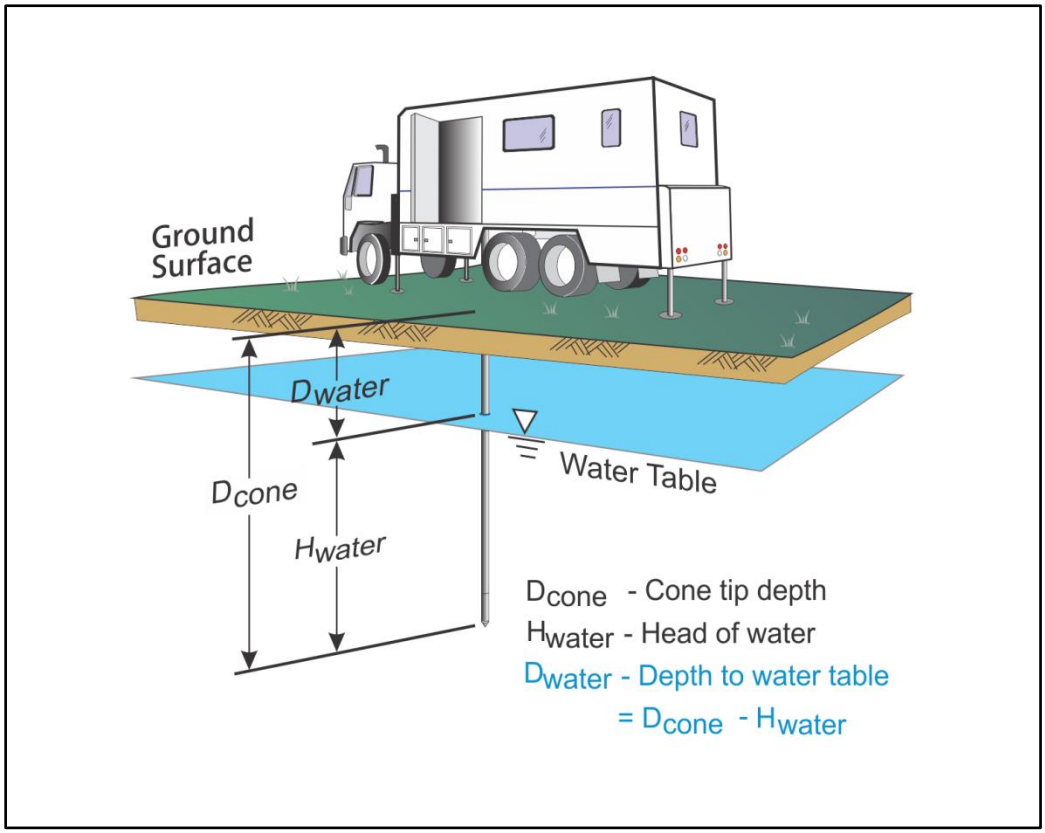


Figure PPD-1. Pore pressure dissipation test setup

Pore pressure dissipation data can be interpreted to provide estimates of ground water conditions, permeability, consolidation characteristics and soil behavior.

The typical shapes of dissipation curves shown in Figure PPD-2 are very useful in assessing soil type, drainage, in situ pore pressure and soil properties. A flat curve that stabilizes quickly is typical of a freely draining sand. Undrained soils such as clays will typically show positive excess pore pressure and have long dissipation times. Dilative soils will often exhibit dynamic pore pressures below equilibrium that then rise over time. Overconsolidated fine-grained soils will often exhibit an initial dilatory response where there is an initial rise in pore pressure before reaching a peak and dissipating.

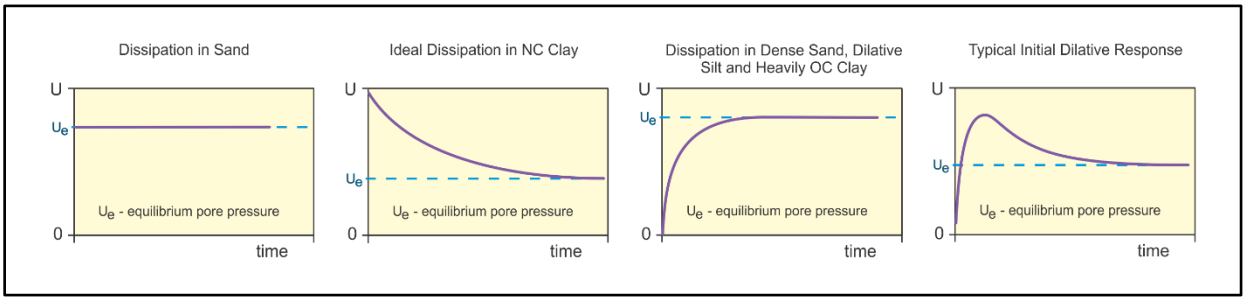


Figure PPD-2. Pore pressure dissipation curve examples

In order to interpret the equilibrium pore pressure (u_{eq}) and the apparent phreatic surface, the pore pressure should be monitored until such time as there is no variation in pore pressure with time as shown for each curve in Figure PPD-2.

In fine grained deposits the point at which 100% of the excess pore pressure has dissipated is known as t_{100}. In some cases this can take an excessive amount of time and it may be impractical to take the dissipation to t_{100}. A theoretical analysis of pore pressure dissipations by Teh and Houlsby (1991) showed that a single curve relating degree of dissipation versus theoretical time factor (T*) may be used to calculate the coefficient of consolidation (c_h) at various degrees of dissipation resulting in the expression for c_h shown below.

$$c_h = \frac{T^* \cdot a^2 \cdot \sqrt{I_r}}{t}$$

Where:
T* is the dimensionless time factor (Table Time Factor)
a is the radius of the cone
I_r is the rigidity index
t is the time at the degree of consolidation

Table Time Factor. T* versus degree of dissipation (Teh and Houlsby (1991))

Degree of Dissipation (%)	20	30	40	50	60	70	80
T* (u_2)	0.038	0.078	0.142	0.245	0.439	0.804	1.60

The coefficient of consolidation is typically analyzed using the time (t_{50}) corresponding to a degree of dissipation of 50% (u_{50}). In order to determine t_{50}, dissipation tests must be taken to a pressure less than u_{50}. The u_{50} value is half way between the initial maximum pore pressure and the equilibrium pore pressure value, known as u_{100}. To estimate u_{50}, both the initial maximum pore pressure and u_{100} must be known or estimated. Other degrees of dissipations may be considered, particularly for extremely long dissipations.

At any specific degree of dissipation the equilibrium pore pressure (u at t_{100}) must be estimated at the depth of interest. The equilibrium value may be determined from one or more sources such as measuring the value directly (u_{100}), estimating it from other dissipations in the same profile, estimating the phreatic surface and assuming hydrostatic conditions, from nearby soundings, from client provided information, from site observations and/or past experience, or from other site instrumentation.

For calculations of c_h (Teh and Houlsby (1991)), t_{50} values are estimated from the corresponding pore pressure dissipation curve and a rigidity index (I_r) is assumed. For curves having an initial dilatory response in which an initial rise in pore pressure occurs before reaching a peak, the relative time from the peak value is used in determining t_{50}. In cases where the time to peak is excessive, t_{50} values are not calculated.

Due to possible inherent uncertainties in estimating I_r, the equilibrium pore pressure and the effect of an initial dilatory response on calculating t_{50}, other methods should be applied to confirm the results for c_h.

Additional published methods for estimating the coefficient of consolidation from a piezocone test are described in Burns and Mayne (1998, 2002), Jones and Van Zyl (1981), Robertson et al. (1992) and Sully et al. (1999).

A summary of the pore pressure dissipation tests and dissipation plots are presented in the relevant appendix.

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CONE PENETRATION DIGITAL FILE FORMATS - eSeries

CPT Data Files (COR Extension)

ConeTec CPT data files are stored in ASCII text files that are readable by almost any text editor. ConeTec file names start with the job number (which includes the two digit year number) an underscore as a separating character, followed by two letters based on the type of test and the sounding ID. The last character position is reserved for an identifier letter (such as b, c, d etc) used to uniquely distinguish multiple soundings at the same location. The CPT sounding file has the extension COR. As an example, for job number 21-02-00001 the first CPT sounding will have file name 21-02-00001_CP01.COR

The sounding (COR) file consists of the following components:

1. Two lines of header information
2. Data records
3. End of data marker
4. Units information

Header Lines

Line 1: Columns 1-6 may be blank or may indicate the version number of the recording software
Columns 7-21 contain the sounding Date and Time (Date is MM:DD:YY)
Columns 23-38 contain the sounding Operator
Columns 51-100 contain extended Job Location information

Line 2: Columns 1-16 contain the Job Location
Columns 17-32 contain the Cone ID
Columns 33-47 contain the sounding number
Columns 51-100 may contain extended sounding ID information

Data Records

The data records contain 4 or more columns of data in floating point format. A comma and spaces separate each data item:

Column 1: Sounding Depth (meters)
Column 2: Tip (q_c), recorded in units selected by the operator
Column 3: Sleeve (f_s), recorded in units selected by the operator
Column 4: Dynamic pore pressure (u), recorded in units selected by the operator
Column 5: Empty or may contain other requested data such as Gamma, Resistivity or UVIF data

End of Data Marker

After the last line of data there is a line containing an ASCII 26 (CTL-Z) character (small rectangular shaped character) followed by a newline (carriage return / line feed). This is used to mark the end of data.

Units Information

The last section of the file contains information about the units that were selected for the sounding. A separator bar makes up the first line. The second line contains the type of units used for depth, q_c, f_s and u. The third line contains the conversion values required for ConeTec's software to convert the recorded data to an internal set of base units (bar for q_c, bar for f_s and meters for u). Additional lines intended for internal ConeTec use may appear following the conversion values.

CPT Data Files (XLS Extension)

Excel format files of ConeTec CPT data are also generated from corresponding COR files. The XLS files have the same base file name as the COR file with a -BSC suffix. The information in the file is presented in table format and contains additional information about the sounding such as coordinate information, and tip net area ratio.

The BSCI suffix is given to XLS files which are enhanced versions of the BSC files and include the same data records in addition to inclination data collected for each sounding.

CPT Dissipation Files (XLS Extension)

Pore pressure dissipation files are provided in Excel format and contain each dissipation trace that exceeds a minimum duration (selected during post-processing) formatted column wise within the spreadsheet. The first column (Column A) contains the time in seconds and the second column (Column B) contains the time in minutes. Subsequent columns contain the dissipation trace data. The columns extend to the longest trace of the data set.

Detailed header information is provided at the top of the worksheet. The test depth in meters and feet, the number of points in the trace and the particular units are all presented at the top of each trace column.

CPT Dissipation files have the same naming convention as the CPT sounding files with a "–PPD" suffix.

Data Records

Each file will contain dissipation traces that exceed a minimum duration (selected during post-processing) in a particular column. The dissipation pore pressure values are typically recorded at varying time intervals throughout the trace; rapidly to start and increasing as the duration of the test lengthens. The test depth in meters and feet, the number of points in the trace and the trace number are identified at the top of each trace column.

Cone Type Designations

Cone ID	Cone Description	Tip Cross Sect. Area (cm^2)	Tip Capacity (bar)	Sleeve Area (cm^2)**	Sleeve Capacity (bar)	Pore Pressure Capacity (bar)
EC###	A15T1500F15U35	15	1500	225	15	35
EC###	A15T375F10U35	15	375	225	10	35
EC###	A10T1000F10U35	10	1000	150	10	35

refers to the Cone ID number
**Outer Cylindrical Area

Description of Methods for Calculated CPT Geotechnical Parameters

CONETEC

CALCULATED CPT GEOTECHNICAL PARAMETERS

A Detailed Description of the Methods Used in ConeTec's CPT Geotechnical Parameter Calculation and Plotting Software

Revision SZW-Rev 14

Revised November 26, 2019
Prepared by Jim Greig, M.A.Sc, P.Eng (BC)

Limitations

The geotechnical parameter output was prepared specifically for the site and project named in the accompanying report subject to objectives, site conditions and criteria provided to ConeTec by the client. The output may not be relied upon by any other party or for any other site without the express written permission of ConeTec Group (ConeTec) or any of its affiliates. For this project, ConeTec has provided site investigation services, prepared factual data reporting and produced geotechnical parameter calculations consistent with current best practices. No other warranty, expressed or implied, is made.

To understand the calculations that have been performed and to be able to reproduce the calculated parameters the user is directed to the basic descriptions for the methods in this document and the detailed descriptions and their associated limitations and appropriateness in the technical references cited for each parameter.

ConeTec's Calculated CPT Geotechnical Parameters as of November 26, 2019

ConeTec's CPT parameter calculation and plotting routine provides a tabular output of geotechnical parameters based on current published CPT correlations and is subject to change to reflect the current state of practice. Due to drainage conditions and the basic assumptions and limitations of the correlations, not all geotechnical parameters provided are considered applicable for all soil types. The results are presented only as a guide for geotechnical use and should be carefully examined for consideration in any geotechnical design. Reference to current literature is strongly recommended. ConeTec does not warranty the correctness or the applicability of any of the geotechnical parameters calculated by the program and does not assume liability for any use of the results in any design or review. For verification purposes we recommend that representative hand calculations be done for any parameter that is critical for design purposes. The end user of the parameter output should also be fully aware of the techniques and the limitations of any method used by the program. The purpose of this document is to inform the user as to which methods were used and to direct the end user to the appropriate technical papers and/or publications for further reference.

The geotechnical parameter output was prepared specifically for the site and project named in the accompanying report subject to objectives, site conditions and criteria provided to ConeTec by the client. The output may not be relied upon by any other party or for any other site without the express written permission of ConeTec Group (ConeTec) or any of its affiliates.

The CPT calculations are based on values of tip resistance, sleeve friction and pore pressures considered at each data point or averaged over a user specified layer thickness (e.g. 0.20 m). Note that q_t is the tip resistance corrected for pore pressure effects and q_c is the recorded tip resistance. The corrected tip resistance (corrected using u_2 pore pressure values) is used for all of the calculations. Since all ConeTec cones have equal end area friction sleeves pore pressure corrections to sleeve friction, f_s, are not required.

The tip correction is: $q_t = q_c + (1-a) \bullet u_2$ (consistent units are implied)

where: q_t is the corrected tip resistance
q_c is the recorded tip resistance
u_2 is the recorded dynamic pore pressure behind the tip (u_2 position)
a is the Net Area Ratio for the cone (typically 0.80 for ConeTec cones)

The total stress calculations are based on soil unit weight values that have been assigned to the Soil Behavior Type (SBT) zones, from a user defined unit weight profile, by using a single uniform value throughout the profile, through unit weight estimation techniques described in various technical papers or from a combination of these methods. The parameter output files indicate the method(s) used.

Effective vertical overburden stresses are calculated based on a hydrostatic distribution of equilibrium pore pressures below the water table or from a user defined equilibrium pore pressure profile (typically obtained from CPT dissipation tests) or a combination of the two. For over water projects the stress effects of the column of water above the mudline have been taken into account as has the appropriate unit weight of water. How this is done depends on where the instruments were zeroed (i.e. on deck or at the mudline). The parameter output files indicate the method(s) used.

A majority of parameter calculations are derived or driven by results based on material types as determined by the various soil behavior type charts depicted in Figures 1 through 5. The parameter output files indicate the method(s) used.

The Soil Behavior Type classification chart shown in Figure 1 is the classic non-normalized SBT Chart developed at the University of British Columbia and reported in Robertson, Campanella, Gillespie and Greig (1986). Figure 2 shows the original normalized (linear method) SBT chart developed by Robertson (1990). The Bq classification charts shown in Figures 3a and 3b incorporate pore pressures into the SBT classification and are based on the methods described in Robertson (1990). Many of these charts have been summarized in Lunne, Robertson and Powell (1997). The

Jefferies and Davies SBT chart shown in Figure 3c is based on the techniques discussed in Jefferies and Davies (1993) which introduced the concept of the Soil Behavior Type Index parameter, I_c. Please note that the I_c parameter developed by Robertson and Fear (1995) and Robertson and Wride (1998) is similar in concept but uses a slightly different calculation method than that used by Jefferies and Davies (1993) as the latter incorporates pore pressure in their technique through the use of the Bq parameter. The normalized Qtn SBT chart shown in Figure 4 is based on the work by Robertson (2009) utilizing a variable stress ratio exponent, n, for normalization based on a slightly modified redefinition and iterative approach for I_c. The boundary curves drawn on the chart are based on the work described in Robertson (2010).

Figure 5 shows a revised behavior based chart by Robertson (2016) depicting contractive-dilative zones. As the zones represent material behavior rather than soil gradation ConeTec has chosen a set of zone colors that are less likely to be confused with material type colors from previous SBT charts. These colors differ from those used by Dr. Robertson.

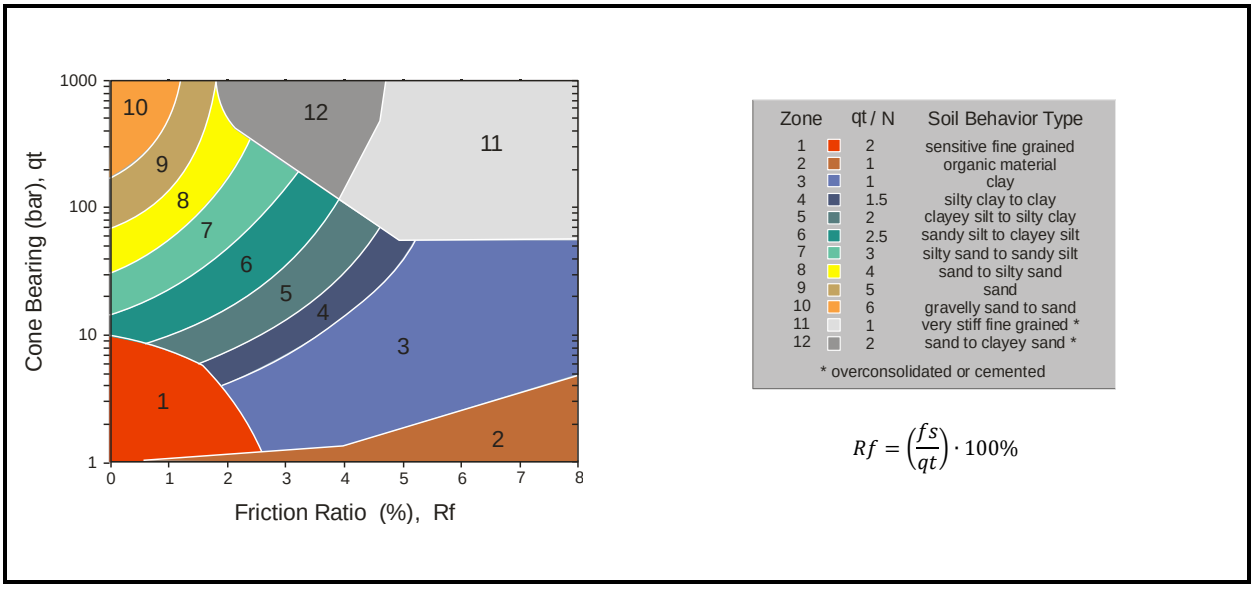

Figure 1. Non-Normalized Soil Behavior Type Classification Chart (SBT)

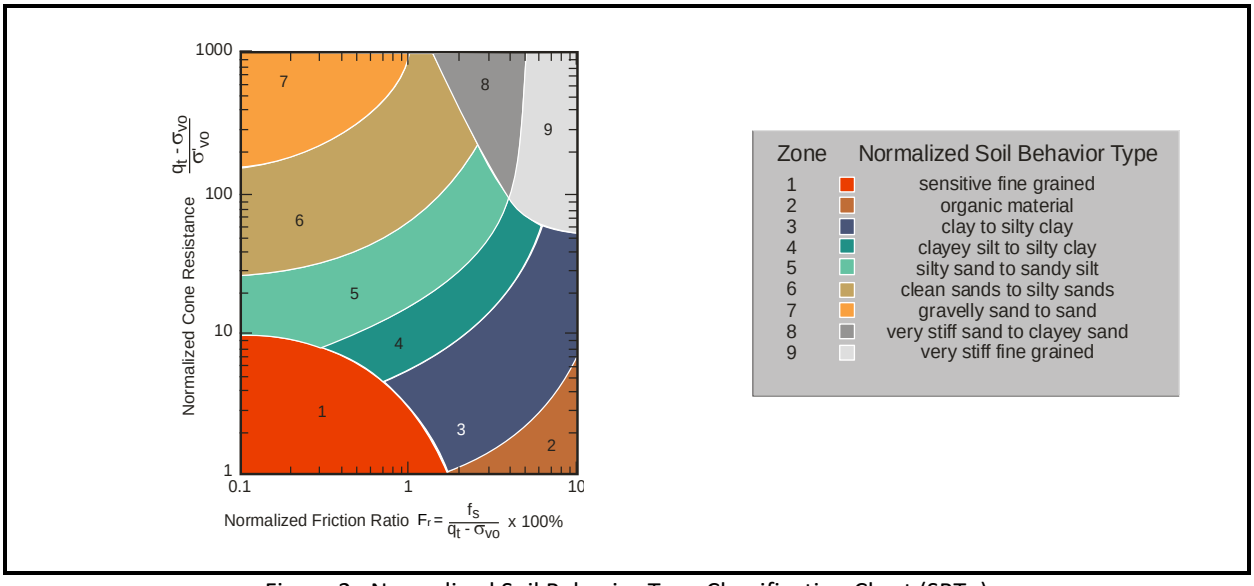

Figure 2. Normalized Soil Behavior Type Classification Chart (SBTn)

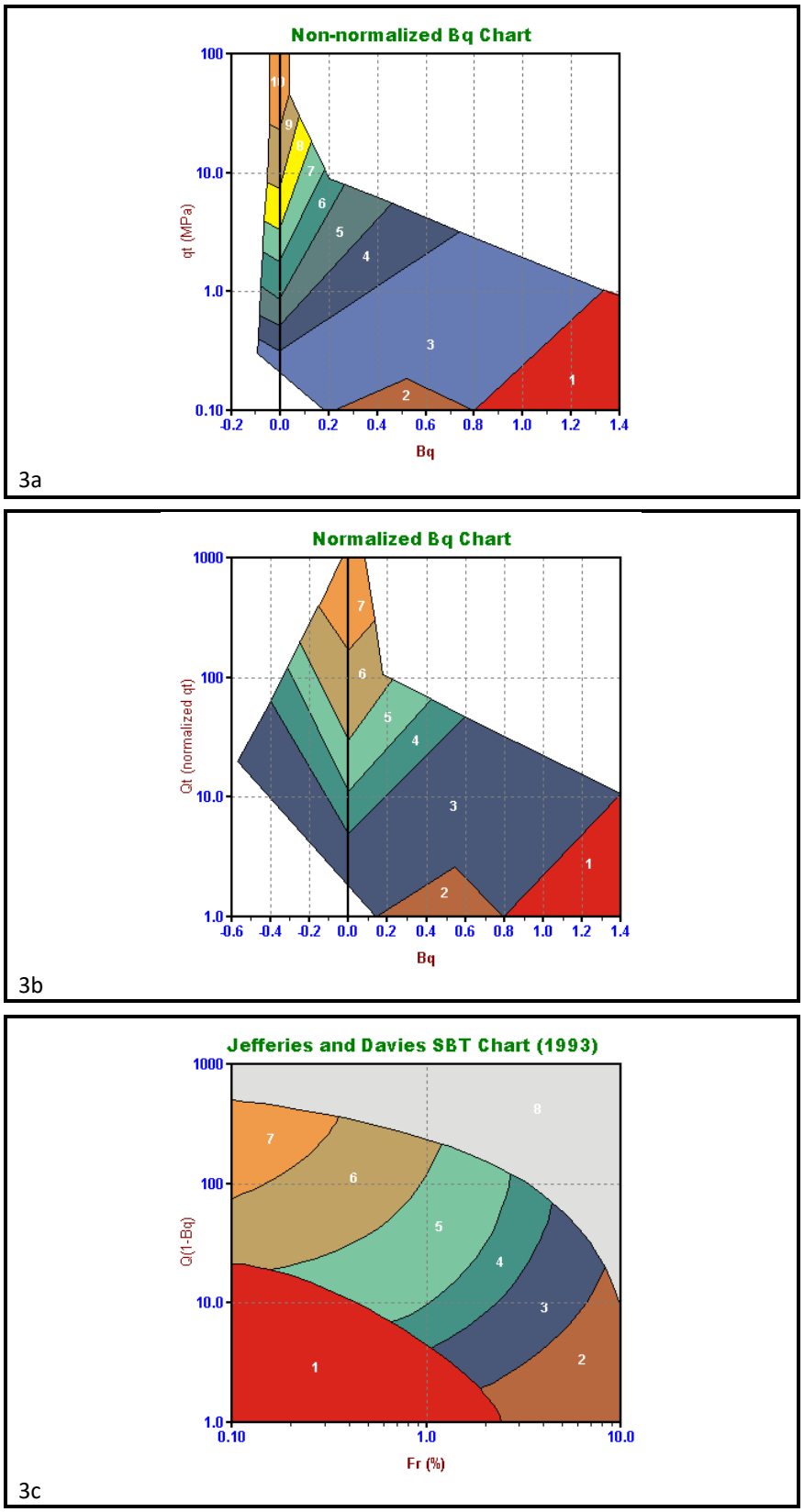

Figure 3. Alternate Soil Behavior Type Charts

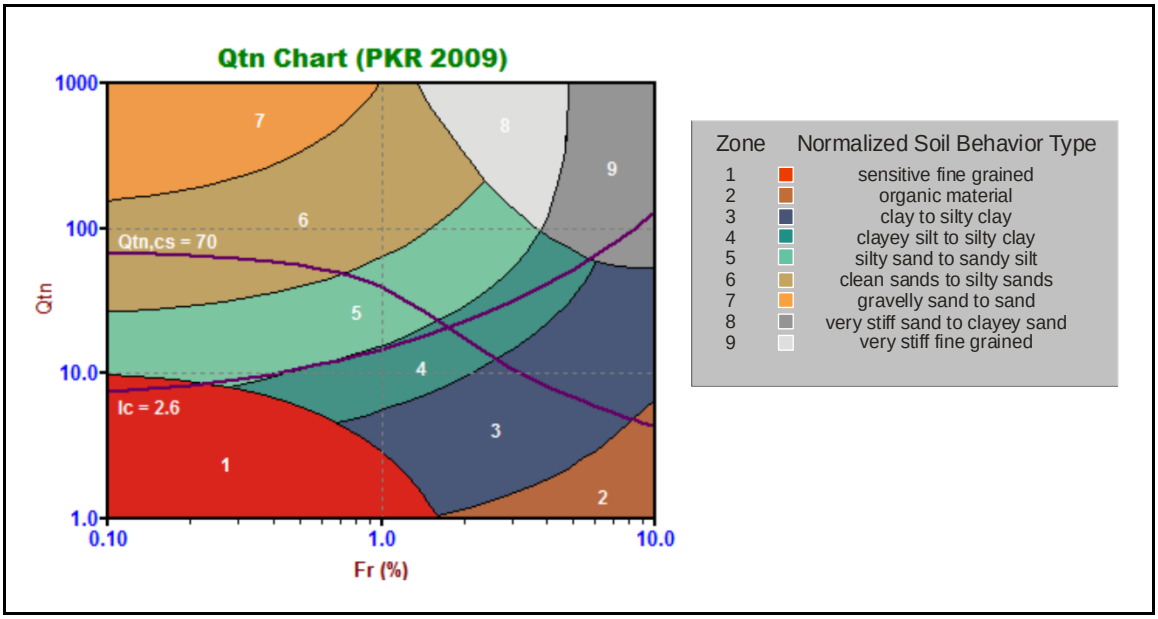

Figure 4. Normalized Soil Behavior Type Chart using Q_{tn} (SBT Qtn)

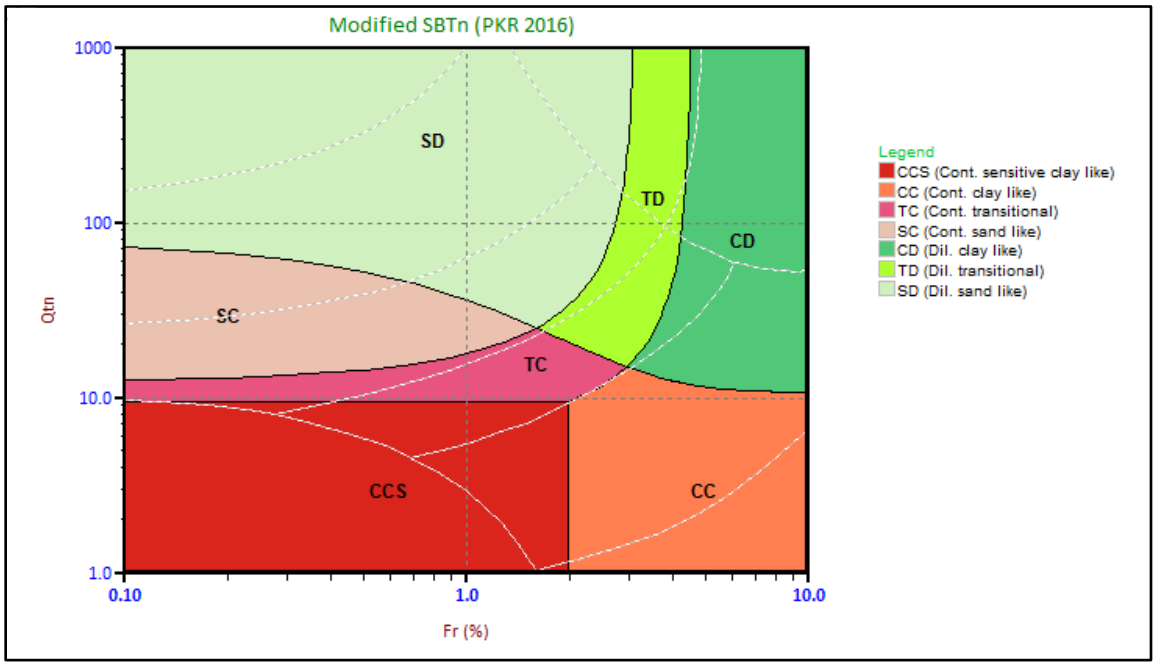

Figure 5. Modified SBTn Behavior Based Chart

Details regarding the geotechnical parameter calculations are provided in Tables 1a and 1b. The appropriate references cited are listed in Table 2. Non-liquefaction specific parameters are detailed in Table 1a and liquefaction specific parameters are detailed in Table 1b.

Where methods are based on charts or techniques that are too complex to describe in this summary the user should refer to the cited material. Specific limitations for each method are described in the cited material.

Where the results of a calculation/correlation are deemed *'invalid'* the value will be represented by the text strings "-9999", "-9999.0", the value 0.0 (Zero) or an empty cell. Invalid results will occur because of (and not limited to) one or a combination of:

1. Invalid or undefined CPT data (e.g. drilled out section or data gap).

2. Where the calculation method is inappropriate, for example, drained parameters in a material behaving as an undrained material (and vice versa).

3. Where input values are beyond the range of the referenced charts or specified limitations of the correlation method.

4. Where pre-requisite or intermediate parameter calculations are invalid.

The parameters selected for output from the program are often specific to a particular project. As such, not all of the calculated parameters listed in Table 1 may be included in the output files delivered with this report.

The output files are typically provided in Microsoft Excel XLS or XLSX format. The ConeTec software has several options for output depending on the number or types of calculated parameters desired or requested by the client. Each output file is named using the original COR file base name followed by a three or four letter indicator of the output set selected (e.g. BSC, TBL, NLI, NL2, IFI, IFI2) and possibly followed by an operator selected suffix identifying the characteristics of the particular calculation run.

Table 1a. CPT Parameter Calculation Methods – Non liquefaction Parameters

Calculated Parameter	Description	Equation	Ref
Depth	Mid Layer Depth *(where calculations are done at each point then Mid Layer Depth = Recorded Depth)*	*[Depth (Layer Top) + Depth (Layer Bottom)]/ 2.0*	CK*
Elevation	Elevation of Mid Layer based on sounding collar elevation supplied by client or through site survey	Elevation = Collar Elevation - Depth	CK*
Avg qc	Averaged recorded tip value (q_c)	$Avgqc = \frac{1}{n}\sum_{i=1}^{n} q_c$ *n=1 when calculations are done at each point*	CK*
Avg qt	Averaged corrected tip (q_t) where: $q_t = q_c + (1-a) \bullet u_2$	$Avgqt = \frac{1}{n}\sum_{i=1}^{n} q_t$ *n=1 when calculations are done at each point*	1
Avg fs	Averaged sleeve friction (f_s)	$Avgfs = \frac{1}{n}\sum_{i=1}^{n} fs$ *n=1 when calculations are done at each point*	CK*
Avg Rf	Averaged friction ratio (R_f) where friction ratio is defined as: $Rf = 100\% \bullet \frac{fs}{q_t}$	$AvgRf = 100\% \cdot \frac{Avgfs}{Avgqt}$ *n=1 when calculations are done at each point*	CK*
Avg u	Averaged dynamic pore pressure *(u)*	$Avgu = \frac{1}{n}\sum_{i=1}^{n} u_i$ *n=1 when calculations are done at each point*	CK*

Calculated Parameter	Description	Equation	Ref
Avg Res	Averaged Resistivity (this data is not always available since it is a specialized test requiring an additional module)	$AvgRes = \frac{1}{n}\sum_{i=1}^{n} Resistivity_i$ *n=1 when calculations are done at each point*	CK*
Avg UVIF	Averaged UVIF ultra-violet induced fluorescence (this data is not always available since it is a specialized test requiring an additional module)	$AvgUVIF = \frac{1}{n}\sum_{i=1}^{n} UVIF_i$ *n=1 when calculations are done at each point*	CK*
Avg Temp	Averaged Temperature (this data is not always available since it requires specialized calibrations)	$AvgTemp = \frac{1}{n}\sum_{i=1}^{n} Temperature_i$ *n=1 when calculations are done at each point*	CK*
Avg Gamma	Averaged Gamma Counts (this data is not always available since it is a specialized test requiring an additional module)	$AvgGamma = \frac{1}{n}\sum_{i=1}^{n} Gamma_i$ *n=1 when calculations are done at each point*	CK*
SBT	Soil Behavior Type as defined by Robertson et al 1986 (often referred to as Robertson and Campanella, 1986)	See Figure 1	1, 5
SBTn	Normalized Soil Behavior Type as defined by Robertson 1990 (linear normalization)	See Figure 2	2, 5
SBT-Bq	Non-normalized Soil Behavior type based on the Bq parameter	See Figure 3	1, 2, 5
SBT-Bqn	Normalized Soil Behavior based on the Bq parameter	See Figure 3	2, 5
SBT-JandD	Soil Behavior Type as defined by Jeffries and Davies	See Figure 3	7
SBT Qtn	Soil Behavior Type as defined by Robertson (2009) using a variable stress ratio exponent for normalization based on I_c	See Figure 4	15
Modified SBTn (contractive /dilative)	Modified SBTn chart as defined by Robertson (2016) indicating zones of contractive/dilative behavior.	See Figure 5	30
Unit Wt.	Unit Weight of soil determined from one of the following user selectable options: 1) uniform value 2) value assigned to each SBT zone 3) value assigned to each SBTn zone 4) value assigned to SBTn zone as determined from Robertson and Wride (1998) based on q_{c1n} 5) values assigned to SBT Qtn zones 6) Mayne fs (sleeve friction) method 7) Robertson 2010 method 8) user supplied unit weight profile The last option may co-exist with any of the other options	See references	3, 5, 15, 21, 24, 29

Calculated Parameter	Description	Equation	Ref
TStress σ_v	Total vertical overburden stress at Mid Layer Depth *A layer is defined as the averaging interval specified by the user where depths are reported at their respective mid-layer depth.* *For data calculated at each point layers are defined using the recorded depth as the mid-point of the layer. Thus, a layer starts half-way between the previous depth and the current depth unless this is the first point in which case the layer start is at zero depth. The layer bottom is half-way from the current depth to the next depth unless it is the last data point.* *Defining layers affects how stresses are calculated since the unit weight attributed to a data point is used throughout the entire layer. This means that to calculate the stresses the total stress at the top and bottom of a layer are required. The stress at mid layer is determined by adding the incremental stress from the layer top to the mid-layer depth. The stress at the layer bottom becomes the stress at the top of the subsequent layer. Stresses are NOT calculated from mid-point to mid-point.* *For over-water work the total stress due to the column of water above the mud line is taken into account where appropriate.*	$TStress = \sum_{i=1}^{n} \gamma_i h_i$ *where* γ_i is layer unit weight h_i is layer thickness	CK*
EStress σ_v'	Effective vertical overburden stress at mid-layer depth	$\sigma_v' = \sigma_v - u_{eq}$	CK*
Equil u u_{eq} or u_0	Equilibrium pore pressure determined from one of the following user selectable options: 1) hydrostatic below water table 2) user supplied profile 3) combination of those above When a user supplied profile is used/provided a linear interpolation is performed between equilibrium pore pressures defined at specific depths. If the profile values start below the water table then a linear transition from zero pressure at the water table to the first defined pointed is used. Equilibrium pore pressures may come from dissipation tests, adjacent piezometers or other sources. Occasionally, an extra equilibrium point ("assumed value") will be provided in the profile that does not come from a recorded value to smooth out any abrupt changes or to deal with material interfaces. These "assumed" values will be indicated on our plots and in tabular summaries.	For hydrostatic option: $u_{eq} = \gamma_w \cdot (D - D_{wt})$ where u_{eq} is equilibrium pore pressure γ_w is unit weight of water D is the current depth D_{wt} is the depth to the water table	CK*
K_0	Coefficient of earth pressure at rest, K_0	$K_0 = (1 - \sin\Phi') OCR^{\sin\Phi'}$	17
C_n	Overburden stress correction factor used for $(N_1)_{60}$ and older CPT parameters	$C_n = (P_a/\sigma_v')^{0.5}$ where $0.0 < C_n < 2.0$ *(user adjustable, typically 1.7)* P_a *is atmospheric pressure (100 kPa)*	12
C_q	Overburden stress normalizing factor	$C_q = 1.8 / (0.8 + (\sigma_v'/P_a))$ where $0.0 < C_q < 2.0$ *(user adjustable)* P_a *is atmospheric pressure (100 kPa)*	3, 12

Calculated Parameter	Description	Equation	Ref
N_{60}	SPT N value at 60% energy calculated from q_t/N ratios assigned to each SBT zone. This method has abrupt N value changes at zone boundaries.	*See Figure 1*	5
(N1)60	SPT N_{60} value corrected for overburden pressure	$(N_1)_{60} = C_n \bullet N_{60}$	4
N60Ic	SPT N_{60} values based on the I_c parameter [as defined by Roberston and Wride 1998 (5), or by Robertson 2009 (15)].	$(q_t/P_a)/ N_{60} = 8.5 (1 – I_c/4.6)$ $(q_t/P_a)/ N_{60} = 10^{(1.1268 – 0.2817Ic)}$ Pa being atmospheric pressure	5 15, 31
(N1)60Ic	SPT N_{60} value corrected for overburden pressure (using N_{60} I_c). User has 3 options.	1) $(N_1)_{60}Ic = C_n \bullet (N_{60} I_c)$ 2) $q_{c1n}/ (N_1)_{60}I_c = 8.5 (1 – I_c/4.6)$ 3) $(Q_{tn})/ (N_1)_{60}I_c = 10^{(1.1268 – 0.2817Ic)}$	4 5 15, 31
Su or Su (Nkt)	Undrained shear strength based on q_t S_u factor N_{kt} is user selectable	$Su = \frac{qt - \sigma_v}{N_{kt}}$	1, 5
Su or Su (Ndu)	Undrained shear strength based on pore pressure S_u factor $N_{\Delta u}$ is user selectable	$Su = \frac{u_2 - u_{eq}}{N_{\Delta u}}$	1, 5
Dr	Relative Density determined from one of the following user selectable options: a) Ticino Sand b) Hokksund Sand c) Schmertmann (1978) d) Jamiolkowski (1985) - All Sands e) Jamiolkowski et al (2003) (various compressibilities, K_o)	See reference (methods a through d) Jamiolkowski et al (2003) reference	5 14
PHI ϕ	Friction Angle determined from one of the following user selectable options (methods a through d are for sands and method e is for silts and clays): a) Campanella and Robertson b) Durgunoglu and Mitchel c) Janbu d) Kulhawy and Mayne e) NTH method (clays and silts)	See appropriate reference	5 5 5 11 23
Delta U/qt	Differential pore pressure ratio (older parameter used before B_q was established)	$= \frac{\Delta u}{qt}$ *where:* $\Delta u = u - u_{eq}$ *and* u = *dynamic pore pressure* u_{eq} = *equilibrium pore pressure*	CK*
Bq	Pore pressure parameter	$Bq = \frac{\Delta u}{qt - \sigma_v}$ where : $\Delta u = u - u_{eq}$ *and* u = *dynamic pore pressure* u_{eq} = *equilibrium pore pressure*	1, 2, 5
Net qt or qtNet	Net tip resistance (used in many subsequent correlations)	$qt - \sigma_v$	CK*
qe	Effective tip resistance (using the dynamic pore pressure u_2 and not equilibrium pore pressure)	$qt - u_2$	CK*

Calculated Parameter	Description	Equation	Ref
qeNorm	Normalized effective tip resistance	$\frac{qt - u_2}{\sigma_v}$	CK*
Q_t or Norm: Qt	Normalized q_t for Soil Behavior Type classification as defined by Robertson (1990) using a linear stress normalization. Note this is different from Q_{tn}.	$Qt = \frac{qt - \sigma_v}{\sigma_v}$	2, 5
F_r or Norm: Fr	Normalized Friction Ratio for Soil Behavior Type classification as defined by Robertson (1990)	$Fr = 100\% \cdot \frac{fs}{qt - \sigma_v}$	2, 5
Q(1-Bq)	Q(1-Bq) grouping as suggested by Jefferies and Davies for their classification chart and the establishment of their I_c parameter	$Q \cdot (1 - Bq)$ *where Bq is defined as above and Q is the same as the normalized tip resistance, Q_t, defined above*	6, 7
qc1	Normalized tip resistance, q_{c1}, using a fixed stress ratio exponent, n (this method has stress units)	$q_{c1} = q_t \cdot (Pa/\sigma_v')^{0.5}$ where: Pa = atmospheric pressure	21
qc1 (0.5)	Normalized tip resistance, q_{c1}, using a fixed stress ratio exponent, n (this method is unit-less)	$q_{c1}(0.5) = (q_t/P_a) \cdot (Pa/\sigma_v')^{0.5}$ where: Pa = atmospheric pressure	5
qc1 (Cn)	Normalized tip resistance, q_{c1}, based on C_n (this method has stress units)	$q_{c1}(Cn) = C_n * q_t$	5, 12
qc1 (Cq)	Normalized tip resistance, q_{c1}, based on C_q (this method has stress units)	$q_{c1}(Cq) = C_q * q_t$ (some papers use q_c)	5, 12
qc1n	normalized tip resistance, q_{c1n}, using a variable stress ratio exponent, n (where n=0.0, 0.70, 1.0) (this method is unit-less)	$q_{c1n} = (q_t / P_a)(P_a/\sigma_v')^n$ where: P_a = atm. Pressure and n varies as described below	3, 5
I_c or Ic (RW1998)	Soil Behavior Type Index as defined by Robertson and Fear (1995) and Robertson and Wride (1998) for estimating grain size characteristics and providing smooth gradational changes across the SBTn chart	$I_c = [(3.47 - \log_{10}Q)^2 + (\log_{10} Fr + 1.22)^2]^{0.5}$ *Where:* $Q = \left(\frac{qt - \sigma_v}{P_a}\right)\left(\frac{P_a}{\sigma_v'}\right)^n$ *Or* $Q = q_{c1n} = \left(\frac{qt}{P_a}\right)\left(\frac{P_a}{\sigma_v'}\right)^n$ *depending on the iteration in determining I_c* *And* *Fr is in percent* *P_a = atmospheric pressure* *n varies between 0.5, 0.70 and 1.0 and is selected in an iterative manner based on the resulting I_c*	3, 5, 21
Ic (PKR 2009)	Soil Behavior Type Index, I_c (PKR 2009) based on a variable stress ratio exponent n, which itself is based on I_c (PKR 2009). An iterative calculation is required to determine Ic (PKR 2009) and its corresponding n (PKR 2009).	I_c (PKR 2009) = $[(3.47 - \log_{10}Q_{tn})^2 + (1.22 + \log_{10}F_r)^2]^{0.5}$	15

Calculated Parameter	Description	Equation	Ref
n (PKR 2009)	Stress ratio exponent n, based on I_c (PKR 2009). An iterative calculation is required to determine n (PKR 2009) and its corresponding Ic (PKR 2009).	*n (PKR 2009) = 0.381 (I_c) + 0.05 (σ_v'/P_a) – 0.15*	15
Qtn (PKR 2009)	Normalized tip resistance using a variable stress ratio exponent based on I_c (PKR 2009) and n (PKR 2009). An iterative calculation is required to determine Qtn (PKR 2009).	$Q_{tn} = [(qt - \sigma_v)/P_a](P_a/\sigma_v')^n$ *where P_a = atmospheric pressure (100 kPa)* *n = stress ratio exponent described above*	15
FC	Apparent fines content (%)	*FC=1.75($Ic^{3.25}$) - 3.7* *FC=100 for $I_c > 3.5$* *FC=0 for $I_c < 1.26$* *FC = 5% if $1.64 < I_c < 2.6$ AND $F_r<0.5$*	3
I_c Zone	This parameter is the Soil Behavior Type zone based on the I_c parameter (valid for zones 2 through 7 on SBTn or SBT Qtn charts)	$I_c < 1.31$ Zone = 7 $1.31 < I_c < 2.05$ Zone = 6 $2.05 < I_c < 2.60$ Zone = 5 $2.60 < I_c < 2.95$ Zone = 4 $2.95 < I_c < 3.60$ Zone = 3 $I_c > 3.60$ Zone = 2	3
State Param or State Parameter or ψ	The state parameter index, ψ, is defined as the difference between the current void ratio, e, and the critical void ratio, e_c. Positive ψ - contractive soil Negative ψ - dilative soil This is based on the work by Been and Jefferies (1985) and Plewes, Davies and Jefferies (1992) - vertical effective stress is used rather than a mean normal stress	See reference	6, 8
Yield Stress σ_p'	Yield stress is calculated using the following methods a) General method b) 1st order approximation using q_tNet (clays) c) 1st order approximation using Δu_2 (clays) d) 1st order approximation using q_e (clays)	All stresses in kPa a) $\sigma_p' = 0.33 \cdot (q_t - \sigma_v)^{m'} (\sigma_{atm}/100)^{1-m'}$ where $m' = 1 - \frac{0.28}{1 + (I_c/2.65)^{25}}$ b) $\sigma_p' = 0.33 \cdot (q_t - \sigma_v)$ c) $\sigma_p' = 0.54 \cdot (\Delta u_2)$ $\Delta u_2 = u_2 - u_0$ d) $\sigma_p' = 0.60 \cdot (q_t - u_2)$	19 20 20 20
OCR OCR(JS1978) OCR(Mayne2014) OCR (qtNet) OCR (deltaU) OCR (qe) OCR (Vs) OCR (PKR2015)	Over Consolidation Ratio based on a) Schmertmann (1978) method involving a plot plot of S_u/σ_v' /($S_u/\sigma_v')_{NC}$ and OCR b) based on Yield stresses described above c) approximate version based on qtNet d) approximate version based on Δu e) approximate version based on effective tip, q_e f) approximate version based on shear wave velocity, V_s g) based on Qt	 a) requires a user defined value for NC Su/P_c' ratio b through f) *based on yield stresses* g) $OCR = 0.25 \cdot (Qt)^{1.25}$	 9 19 20 20 20 18 32

Calculated Parameter	Description	Equation	Ref
Es/qt	Intermediate parameter for calculating Young's Modulus, E, in sands. It is the Y axis of the reference chart.	Based on Figure 5.59 in the reference	5
Es Young's Modulus E	Young's Modulus based on the work done in Italy. There are three types of sands considered in this technique. The user selects the appropriate type for the site from: a) OC Sands b) Aged NC Sands c) Recent NC Sands Each sand type has a family of curves that depend on mean normal stress. The program calculates mean normal stress and linearly interpolates between the two extremes provided in the E_s/q_t chart. Es is evaluated for an axial strain of 0.1%.	Mean normal stress is evaluated from: $\sigma'_m = \frac{1}{3}\left(\sigma'_v + \sigma'_h + \sigma'_h\right)^3$ where σ_v'= vertical effective stress σ_h'= horizontal effective stress *and* $\sigma_h = K_o \bullet \sigma_v'$ with K_o assumed to be 0.5	5
Delta U/TStress	Differential pore pressure ratio with respect to total stress	$= \frac{\Delta u}{\sigma_v}$ *where:* $\Delta u = u - u_{eq}$	CK*
Delta U/Estress, P Value, Excess Pore Pressure Ratio	Differential pore pressure ratio with respect to effective stress. Key parameter (P, Normalized Pore Pressure Parameter, Excess Pore Pressure Ratio) in the Winckler et. al. static liquefaction method.	$= \frac{\Delta u}{\sigma'_v}$ *where:* $\Delta u = u - u_{eq}$	25, 25a, CK*
Su/EStress	Undrained shear strength ratio with respect to vertical effective overburden stress using the S_u (N_{kt}) method	$= Su\ (N_{kt}) / \sigma_v'$	CK*
Gmax	G_{max} determined from SCPT shear wave velocities (not estimated values)	$G_{max} = \rho V_s^2$ where ρ is the mass density of the soil determined from the estimated unit weights at each test depth	27
qtNet/Gmax	Net tip resistance ratio with respect to the small strain modulus G_{max} determined from SCPT shear wave velocities (not estimated values)	$= (qt - \sigma_v) / G_{max}$ where $G_{max} = \rho V_s^2$ and ρ is the mass density of the soil determined from the estimated unit weights at each test depth	15, 28, 30

*CK – common knowledge

Table 1b. CPT Parameter Calculation Methods – Liquefaction Parameters

Calculated Parameter	Description	Equation	Ref
K_{SPT}	Equivalent clean sand factor for $(N_1)60$	$K_{SPT} = 1 + ((0.75/30) \bullet (FC - 5))$	10
K_{CPT} or K_C (RW1998)	Equivalent clean sand correction for q_{c1N}	$K_{cpt} = 1.0$ for $I_c \leq 1.64$ $K_{cpt} = f(I_c)$ for $I_c > 1.64$ (see reference) $K_c = -0.403\ I_c^4 + 5.581\ I_c^3 - 21.63 I_c^2 + 33.75\ I_c - 17.88$	3, 10
Kc (PKR 2010)	Clean sand equivalent factor to be applied to Q_{tn}	$K_c = 1.0$ for $I_c \leq 1.64$ $K_c = -0.403\ I_c^4 + 5.581\ I_c^3 - 21.63 I_c^2 + 33.75\ I_c - 17.88$ for $I_c > 1.64$	16
$(N_1)_{60cs}Ic$	Clean sand equivalent SPT $(N_1)_{60}I_c$. User has 3 options.	1) $(N_1)_{60cs}Ic = \alpha + \beta((N_1)_{60}I_c)$ 2) $(N_1)_{60cs}Ic = K_{SPT} * ((N_1)_{60}I_c)$ 3) $(q_{c1ncs})/(N_1)_{60cs}I_c = 8.5\ (1 - I_c/4.6)$ FC ≤ 5%: $\alpha = 0,\ \beta = 1.0$ FC ≥ 35% $\alpha = 5.0,\ \beta = 1.2$ 5% < FC < 35% $\alpha = exp[1.76 - (190/FC^2)]$ $\beta = [0.99 + (FC^{1.5}/1000)]$	10 10 5
q_{c1ncs}	Clean sand equivalent q_{c1n}	$q_{c1ncs} = q_{c1n} \bullet K_{cpt}$	3
Qtn,cs (PKR 2010)	Clean sand equivalent for Q_{tn} described above - Q_{tn} being the normalized tip resistance based on a variable stress exponent as defined by Robertson (2009)	$Q_{tn,cs} = Q_{tn} \cdot K_c$ (PKR 2016)	16
Su(Liq)/ESv	Liquefied shear strength ratio as defined by Olson and Stark	$\frac{Su(Liq)}{\sigma_v'} = 0.03 + 0.0143(q_{c1})$ Note: σ_v' and s_v' are synonymous	13
Su(Liq)/ESv (PKR 2010)	Liquefied shear strength ratio as defined by Robertson (2010)	$\frac{Su(Liq)}{\sigma_v'}$ Based on a function involving $Q_{tn,cs}$	16
Su (Liq) (PKR 2010)	Liquefied shear strength derived from the liquefied shear strength ratio and effective overburden stress		16
Cont/Dilat Tip	Contractive / Dilative qc1 Boundary based on $(N_1)_{60}$	$(\sigma_v')_{boundary} = 9.58 \times 10^{-4}\ [(N_1)_{60}]^{4.79}$ *qc1* is calculated from specified qt(MPa)/N ratio	13
CRR	Cyclic Resistance Ratio (for Magnitude 7.5)	$q_{c1ncs} < 50$: $CRR_{7.5} = 0.833\ [q_{c1ncs}/1000] + 0.05$ $50 \leq q_{c1ncs} < 160$: $CRR_{7.5} = 93\ [q_{c1ncs}/1000]^3 + 0.08$	10
Kg	Small strain Stiffness Ratio Factor, Kg	[Gmax/qt]/[qc1n^{-m}] m = empirical exponent, typically 0.75	26

Calculated Parameter	Description	Equation	Ref
SP Distance	State Parameter Distance, Winckler static liquefaction method	Perpendicular distance on Qtn chart from plotted point to state parameter Ψ = -0.05 curve	25
URS NP Fr	Normalized friction ratio point on Ψ = -0.05 curve used in SP Distance calculation		25
URS NP Qtn	Normalized tip resistance (Qtn) point on Ψ = -0.05 curve used in SP Distance calculation		25

Table 2. References

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Iwasa Consulting

APPENDIX B

Boring Logs, Cone Penetration Tests, and Laboratory Test Results by Others

SAMPLE/SAMPLER TYPE GRAPHICS

BULK SAMPLE

CALIFORNIA SAMPLER
(3 in. (76.2 mm.) outer diameter)

STANDARD PENETRATION SPLIT SPOON SAMPLER
(2 in. (50.8 mm.) outer diameter and 1-3/8 in. (34.9 mm.) inner diameter)

GROUND WATER GRAPHICS

- WATER LEVEL (level where first observed)
- WATER LEVEL (level after exploration completion)
- WATER LEVEL (additional levels after exploration)
- OBSERVED SEEPAGE

NOTES

- The report and graphics key are an integral part of these logs. All data and interpretations in this log are subject to the explanations and limitations stated in the report.
- Lines separating strata on the logs represent approximate boundaries only. Actual transitions may be gradual or differ from those shown.
- No warranty is provided as to the continuity of soil or rock conditions between individual sample locations.
- Logs represent general soil or rock conditions observed at the point of exploration on the date indicated.
- In general, Unified Soil Classification System designations presented on the logs were based on visual classification in the field and were modified where appropriate based on gradation and index property testing.
- Fine grained soils that plot within the hatched area on the Plasticity Chart, and coarse grained soils with between 5% and 12% passing the No. 200 sieve require dual USCS symbols, ie., GW-GM, GP-GM, GW-GC, GP-GC, GC-GM, SW-SM, SP-SM, SW-SC, SP-SC, SC-SM.
- If sampler is not able to be driven at least 6 inches then 50/X indicates number of blows required to drive the identified sampler X inches with a 140 pound hammer falling 30 inches.

ABBREVIATIONS
WOH - Weight of Hammer
WOR - Weight of Rod

UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487)

COARSE GRAINED SOILS (More than half of material is larger than the #200 sieve)	**GRAVELS** (More than half of coarse fraction is larger than the #4 sieve)	CLEAN GRAVEL WITH <5% FINES	Cu≥4 and 1≤Cc≤3		**GW**	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES
			Cu<4 and/ or 1>Cc>3		**GP**	POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES
		GRAVELS WITH 5% TO 12% FINES	Cu≥4 and 1≤Cc≤3		**GW-GM**	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE FINES
					GW-GC	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE CLAY FINES
			Cu<4 and/ or 1>Cc>3		**GP-GM**	POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE FINES
					GP-GC	POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE CLAY FINES
		GRAVELS WITH > 12% FINES			**GM**	SILTY GRAVELS, GRAVEL-SILT-SAND MIXTURES
					GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
					GC-GM	CLAYEY GRAVELS, GRAVEL-SAND-CLAY-SILT MIXTURES
	SANDS (Half or more of coarse fraction is smaller than the #4 sieve)	CLEAN SANDS WITH <5% FINES	Cu≥6 and 1≤Cc≤3		**SW**	WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE OR NO FINES
			Cu<6 and/ or 1>Cc>3		**SP**	POORLY GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE OR NO FINES
		SANDS WITH 5% TO 12% FINES	Cu≥6 and 1≤Cc≤3		**SW-SM**	WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE FINES
					SW-SC	WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE CLAY FINES
			Cu<6 and/ or 1>Cc>3		**SP-SM**	POORLY GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE FINES
					SP-SC	POORLY GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE CLAY FINES
		SANDS WITH > 12% FINES			**SM**	SILTY SANDS, SAND-GRAVEL-SILT MIXTURES
					SC	CLAYEY SANDS, SAND-GRAVEL-CLAY MIXTURES
					SC-SM	CLAYEY SANDS, SAND-SILT-CLAY MIXTURES

FINE GRAINED SOILS (Half or more of material is smaller than the #200 sieve)	SILTS AND CLAYS (Liquid Limit less than 50)	**ML**	INORGANIC SILTS AND VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS, SILTS WITH SLIGHT PLASTICITY
		CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
		CL-ML	INORGANIC CLAYS-SILTS OF LOW PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
		OL	ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS (Liquid Limit 50 or greater)	**MH**	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILT
		CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
		OH	ORGANIC CLAYS & ORGANIC SILTS OF MEDIUM-TO-HIGH PLASTICITY

NOTE: USE MATERIAL DESCRIPTION ON THE LOG TO DEFINE A GRAPHIC THAT MAY NOT BE PROVIDED ON THIS LEGEND.

KLEINFELDER
Bright People. Right Solutions.

PROJECT NO.: 20222047.001A

DRAWN BY:

CHECKED BY:

DATE:

GRAPHICS KEY

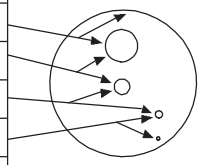
DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

A-1

gINT FILE: Klf_gint_master_2022
gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2022.GLB [_KLF_GEO-LEG1 (GRAPHICS KEY) WITH USCS]
PROJECT NUMBER: 20222047.001A
OFFICE FILTER: SANTA ROSA
PLOTTED: 03/31/2022 02:03 PM BY: cewing

GRAIN SIZE

DESCRIPTION		SIEVE SIZE	GRAIN SIZE	APPROXIMATE SIZE
Boulders		>12 in. (304.8 mm.)	>12 in. (304.8 mm.)	Larger than basketball-sized
Cobbles		3 - 12 in. (76.2 - 304.8 mm.)	3 - 12 in. (76.2 - 304.8 mm.)	Fist-sized to basketball-sized
Gravel	coarse	3/4 -3 in. (19 - 76.2 mm.)	3/4 -3 in. (19 - 76.2 mm.)	Thumb-sized to fist-sized
	fine	#4 - 3/4 in. (#4 - 19 mm.)	0.19 - 0.75 in. (4.8 - 19 mm.)	Pea-sized to thumb-sized
Sand	coarse	#10 - #4	0.079 - 0.19 in. (2 - 4.9 mm.)	Rock salt-sized to pea-sized
	medium	#40 - #10	0.017 - 0.079 in. (0.43 - 2 mm.)	Sugar-sized to rock salt-sized
	fine	#200 - #40	0.0029 - 0.017 in. (0.07 - 0.43 mm.)	Flour-sized to sugar-sized
Fines		Passing #200	<0.0029 in. (<0.07 mm.)	Flour-sized and smaller



SECONDARY CONSTITUENT

	AMOUNT	
Term of Use	Secondary Constituent is Fine Grained	Secondary Constituent is Coarse Grained
Trace	<5%	<15%
With	≥5 to <15%	≥15 to <30%
Modifier	≥15%	≥30%

MOISTURE CONTENT

DESCRIPTION	FIELD TEST
Dry	Absence of moisture, dusty, dry to the touch
Moist	Damp but no visible water
Wet	Visible free water, usually soil is below water table

CEMENTATION

DESCRIPTION	FIELD TEST
Weakly	Crumbles or breaks with handling or slight finger pressure
Moderately	Crumbles or breaks with considerable finger pressure
Strongly	Will not crumble or break with finger pressure

CONSISTENCY - FINE-GRAINED SOIL

CONSISTENCY	SPT - N_{60} (# blows / ft)	Pocket Pen (tsf)	UNCONFINED COMPRESSIVE STRENGTH (Q_u)(psf)	VISUAL / MANUAL CRITERIA
Very Soft	<2	PP < 0.25	<500	Thumb will penetrate more than 1 inch (25 mm). Extrudes between fingers when squeezed.
Soft	2 - 4	0.25 ≤ PP <0.5	500 - 1000	Thumb will penetrate soil about 1 inch (25 mm). Remolded by light finger pressure.
Medium Stiff	4 - 8	0.5 ≤ PP <1	1000 - 2000	Thumb will penetrate soil about 1/4 inch (6 mm). Remolded by strong finger pressure.
Stiff	8 - 15	1 ≤ PP <2	2000 - 4000	Can be imprinted with considerable pressure from thumb.
Very Stiff	15 - 30	2 ≤ PP <4	4000 - 8000	Thumb will not indent soil but readily indented with thumbnail.
Hard	>30	4 ≤ PP	>8000	Thumbnail will not indent soil.

REACTION WITH HYDROCHLORIC ACID

DESCRIPTION	FIELD TEST
None	No visible reaction
Weak	Some reaction, with bubbles forming slowly
Strong	Violent reaction, with bubbles forming immediately

APPARENT / RELATIVE DENSITY - COARSE-GRAINED SOIL

APPARENT DENSITY	SPT-N_{60} (# blows/ft)	MODIFIED CA SAMPLER (# blows/ft)	CALIFORNIA SAMPLER (# blows/ft)	RELATIVE DENSITY (%)
Very Loose	<4	<4	<5	0 - 15
Loose	4 - 10	5 - 12	5 - 15	15 - 35
Medium Dense	10 - 30	12 - 35	15 - 40	35 - 65
Dense	30 - 50	35 - 60	40 - 70	65 - 85
Very Dense	>50	>60	>70	85 - 100

FROM TERZAGHI AND PECK, 1948

PLASTICITY

DESCRIPTION	LL	Either the LL or the PI (or both) may be used to describe the soil plasticity. The ranges of numbers shown here do not imply that the LL ranges correlate with the PI ranges for all soils.	PI
Non-Plastic	NP		NP
Low	< 30		< 15
Medium	30 - 50		15 - 25
High	> 50		> 25

LL is from Casagrande, 1948. PI is from Holtz , 1959.

STRUCTURE

DESCRIPTION	CRITERIA
Stratified	Alternating layers of varying material or color with layers at least 1/4-in. thick, note thickness.
Laminated	Alternating layers of varying material or color with the layer less than 1/4-in. thick, note thickness.
Fissured	Breaks along definite planes of fracture with little resistance to fracturing.
Slickensided	Fracture planes appear polished or glossy, sometimes striated.
Blocky	Cohesive soil that can be broken down into small angular lumps which resist further breakdown.
Lensed	Inclusion of small pockets of different soils, such as small lenses of sand scattered through a mass of clay; note thickness.

ANGULARITY

DESCRIPTION	CRITERIA
Angular	Particles have sharp edges and relatively plane sides with unpolished surfaces.
Subangular	Particles are similar to angular description but have rounded edges.
Subrounded	Particles have nearly plane sides but have well-rounded corners and edges.
Rounded	Particles have smoothly curved sides and no edges.

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PROJECT NO.: 20222047.001A

DRAWN BY:

CHECKED BY:

DATE:

SOIL DESCRIPTION KEY

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

A-2

PLOTTED: 03/31/2022 02:04 PM BY: cewing
OFFICE FILTER: SANTA ROSA
PROJECT NUMBER: 20222047.001A
gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2022.GLB [KLF_GEO-LEG 2 (SOIL DESC KEY)]
gINT FILE: Klf_gint_master_2022

Date Begin - End:	9/03/2021	**Drilling Co.-Lic.#:**	Exploration Geoservices, Inc. - #484288	**BORING LOG B-1**	
Logged By:	E. Jeffrey	**Drill Crew:**	John		
Hor.-Vert. Datum:	WGS84 - Not Available	**Drilling Equipment:**	Mobile B-40	**Hammer Type - Drop:**	140 lb. Down Hole - 30 in.
Plunge:	-90 degrees	**Drilling Method:**	Hollow Stem Auger	**Hammer Efficiency:**	48.3%
Weather:	Overcast	**Exploration Diameter:**	8 in. O.D.	**Hammer Cal. Date:**	8/08/2020

Latitude: 37.41098°
Longitude: -121.91293°
Surface Condition: Asphalt

Depth (feet)	Graphical Log	Lithologic Description	Sample Number	Sample Type	Blow Counts(BC)= Uncorr. Blows/6 in. Pocket Pen(PP)= tsf	Recovery (NR=No Recovery)	USCS Symbol	Water Content (%)	Dry Unit Wt. (pcf)	Passing #4 (%)	Passing #200 (%)	Liquid Limit	Plasticity Index (NP=NonPlastic)	Additional Tests/ Remarks
		Asphalt: 1"												
		Aggregate Base: 7"												
		Sandy Lean CLAY (CL): medium plasticity, very dark gray, moist, stiff, fine sand	1									25	10	
		olive brown, stiff, fine to medium sand												
5		sandy silt lens at 5.5'	2A 2B 2C		BC=4 5 7 PP=1.5	18"		24.5	101.5					
		Fat CLAY (CH): high plasticity, dark brown, moist, very stiff, trace fine sand	3A 3B 3C		BC=8 10 16 PP=3.0	18"								
10		dark brown with light bluish gray mottling	4A 4B 4C		BC=6 9 14 PP=3.25	15"								
		Sandy Lean CLAY (CL): medium plasticity, yellowish brown with light brownish gray mottling, moist, hard, fine to medium sand	5A 5B 5C		BC=8 12 26 PP=4.5	18"								
		Silty SAND (SM): non-plastic, dark olive brown, wet, medium dense, fine to medium sand												Smoother drilling at 18' per driller
20					BC=5 7 23	NR								
		loose	6		BC=3 4 6	16"					32			
25		medium dense	7		BC=3 8 7	16"								
30														

The boring was terminated at approximately 26.5 ft. below ground surface. The boring was backfilled with neat cement grout on September 03, 2021.

GROUNDWATER LEVEL INFORMATION:
▽ Groundwater was observed at approximately 18 ft. below ground surface during drilling.
▼ Groundwater was observed at approximately 11 ft. below ground surface at the end of drilling.
GENERAL NOTES:
Boring location was not surveyed and should be considered approximate.

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PROJECT NO.: 20222047.001A
DRAWN BY: CSE
CHECKED BY: RY
DATE:

BORING LOG B-1

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE
A-3
PAGE: 1 of 1

PLOTTED: 04/13/2022 05:49 PM BY: RYuen
PROJECT NUMBER: 20222047.001A OFFICE FILTER: SANTA ROSA
gINT FILE: Klf_gint_master_2022 gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2022.GLB [_KLF_BORING/TEST PIT SOIL LOG]

Date Begin - End:	9/03/2021	**Drilling Co.-Lic.#:**	Exploration Geoservices, Inc. - #484288	**BORING LOG B-2**	
Logged By:	E. Jeffrey	**Drill Crew:**	John		
Hor.-Vert. Datum:	WGS84 - Not Available	**Drilling Equipment:**	Mobile B-40	**Hammer Type - Drop:**	140 lb. Down Hole - 30 in.
Plunge:	-90 degrees	**Drilling Method:**	Hollow Stem Auger	**Hammer Efficiency:**	48.3%
Weather:	Clear	**Exploration Diameter:**	8 in. O.D.	**Hammer Cal. Date:**	8/08/2020

FIELD EXPLORATION | LABORATORY RESULTS

Latitude: 37.40997°
Longitude: -121.91462°
Surface Condition: Asphalt

Depth (feet)	Graphical Log	Lithologic Description	Sample Number	Sample Type	Blow Counts(BC)= Uncorr. Blows/6 in. Pocket Pen(PP)= tsf	Recovery (NR=No Recovery)	USCS Symbol	Water Content (%)	Dry Unit Wt. (pcf)	Passing #4 (%)	Passing #200 (%)	Liquid Limit	Plasticity Index (NP=NonPlastic)	Additional Tests/ Remarks
		Asphalt: 2"												
		Aggregate Base: 8"	1									28	11	
		Lean CLAY with Sand (CL): medium plasticity, olive brown, moist, very stiff, fine sand												
		Sandy SILT (ML): low plasticity, yellowish brown, moist, stiff, fine sand												
5			2A 2B 2C		BC=5 5 8	17"		12.4	104.3					
		Silty SAND (SM): non-plastic, yellowish brown, moist, loose, fine to medium sand, increasing sand content with depth												
		Sandy SILT (ML): low plasticity, yellowish brown, moist, stiff, fine sand	3A 3B 3C		BC=6 7 8 PP=1.5	15"								
10		**Fat CLAY (CH)**: high plasticity, dark brown, moist, hard, fine sand	4A 4B 4C		BC=12 17 23 PP=4.0	18"								
15			5A 5B 5C		BC=12 20 21 PP=4.5	18"								
20		**Lean CLAY with Sand (CL)**: medium plasticity, olive yellow, wet, stiff, fine to coarse sand, occasional silty fines	6A 6B 6C		BC=7 5 11	16"								
25														
30														

The boring was terminated at approximately 21.5 ft. below ground surface. The boring was backfilled with neat cement grout on September 03, 2021.

GROUNDWATER LEVEL INFORMATION:
▼ Groundwater was observed at approximately 12 ft. below ground surface at the end of drilling.
GENERAL NOTES:
Boring location was not surveyed and should be considered approximate.

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PROJECT NO.: 20222047.001A
DRAWN BY: CSE
CHECKED BY: RY
DATE:

BORING LOG B-2

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE
A-4
PAGE: 1 of 1

PLOTTED: 04/13/2022 05:49 PM BY: RYuen
PROJECT NUMBER: 20222047.001A OFFICE FILTER: SANTA ROSA
gINT FILE: Klf_gint_master_2022 gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2022.GLB [_KLF_BORING/TEST PIT SOIL LOG]

Date Begin - End:	9/03/2021	**Drilling Co.-Lic.#:**	Exploration Geoservices, Inc. - #484288	**BORING LOG B-3**	
Logged By:	E. Jeffrey	**Drill Crew:**	John		
Hor.-Vert. Datum:	WGS84 - Not Available	**Drilling Equipment:**	Mobile B-40	**Hammer Type - Drop:**	140 lb. Down Hole - 30 in.
Plunge:	-90 degrees	**Drilling Method:**	Hollow Stem Auger	**Hammer Efficiency:**	48.3%
Weather:	Clear	**Exploration Diameter:**	8 in. O.D.	**Hammer Cal. Date:**	8/08/2020

FIELD EXPLORATION | LABORATORY RESULTS

Latitude: 37.41137°
Longitude: -121.91363°
Surface Condition: Asphalt

Depth (feet)	Graphical Log	Lithologic Description	Sample Number	Sample Type	Blow Counts(BC)= Uncorr. Blows/6 in. Pocket Pen(PP)= tsf	Recovery (NR=No Recovery)	USCS Symbol	Water Content (%)	Dry Unit Wt. (pcf)	Passing #4 (%)	Passing #200 (%)	Liquid Limit	Plasticity Index (NP=NonPlastic)	Additional Tests/ Remarks
		Asphalt: 1"												
		Aggregate Base: 11"	1											R-VALUE = 5
		Lean CLAY (CL): medium plasticity, black, moist, medium stiff												
		dark reddish brown, fine sand												
5			2A 2B 2C		BC=4 4 4 PP=0.75	18"								
		Sandy SILT (ML): low plasticity, light brownish gray, moist, medium stiff, fine to medium sand	3A 3B 3C		BC=2 5 6 PP=1.0	18"								
		Fat CLAY with Sand (CH): high plasticity, olive brown, moist, stiff, fine sand						24.8	101.7					TXUU: c = 0.34 ksf
10			4A 4B 4C		BC=6 6 8 PP=2.25	18"								
		dark brown with light bluish gray mottling, very stiff												
15		dark brown	5A 5B 5C		BC=8 8 8 PP=4.0	18"		22.2	105.6					
		Poorly Graded SAND with Silt (SP-SM): non-plastic, dark olive brown, wet, medium dense, medium to coarse sand, trace rounded gravel to 0.25"												
20			6A 6B 6C		BC=8 10 10	17"	SP-SM	19.9	109.0	97	7.6			
25			7		BC=7 10 11	18"								
		Poorly Graded SAND with Gravel (SP): non-plastic, light brownish gray, wet, dense, medium to coarse sand, subrounded to rounded gravel to 1"												Rig chatter at 26.5'
30			8		BC=14 22 29	18"								

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PROJECT NO.: 20222047.001A
DRAWN BY: CSE
CHECKED BY: RY
DATE:

BORING LOG B-3

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE
A-5

gINT FILE: Klf_gint_master_2022
gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2022.GLB [_KLF_BORING/TEST PIT SOIL LOG]
PROJECT NUMBER: 20222047.001A
OFFICE FILTER: SANTA ROSA
PLOTTED: 04/13/2022 05:49 PM BY: RYuen

Date Begin - End:	9/03/2021	**Drilling Co.-Lic.#:**	Exploration Geoservices, Inc. - #484288	**BORING LOG B-3**	
Logged By:	E. Jeffrey	**Drill Crew:**	John		
Hor.-Vert. Datum:	WGS84 - Not Available	**Drilling Equipment:**	Mobile B-40	**Hammer Type - Drop:**	140 lb. Down Hole - 30 in.
Plunge:	-90 degrees	**Drilling Method:**	Hollow Stem Auger	**Hammer Efficiency:**	48.3%
Weather:	Clear	**Exploration Diameter:**	8 in. O.D.	**Hammer Cal. Date:**	8/08/2020

FIELD EXPLORATION

Latitude: 37.41137°
Longitude: -121.91363°
Surface Condition: Asphalt

Depth (feet)	Graphical Log	Lithologic Description	Sample Number	Sample Type	Blow Counts(BC)= Uncorr. Blows/6 in. Pocket Pen(PP)= tsf	Recovery (NR=No Recovery)
		Poorly Graded GRAVEL with Sand (GP): non-plastic, light brownish gray, wet, dense, coarse sand, subrounded to rounded gravels to 1"	9		BC=15 20 27	18"
40		medium to coarse sand, trace fines	10		BC=16 31 28	12"
		subrounded to rounded gravel to 1.4", trace fines	11		BC=15 17 22	16"
45						
50						
55						
60						
65						

LABORATORY RESULTS

USCS Symbol	Water Content (%)	Dry Unit Wt. (pcf)	Passing #4 (%)	Passing #200 (%)	Liquid Limit	Plasticity Index (NP=NonPlastic)	Additional Tests/ Remarks

The boring was terminated at approximately 44.5 ft. below ground surface. The boring was backfilled with neat cement grout on September 03, 2021.

GROUNDWATER LEVEL INFORMATION:
▼ Groundwater was observed at approximately 11 ft. below ground surface at the end of drilling.

GENERAL NOTES:
Boring location was not surveyed and should be considered approximate.

KLEINFELDER
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PROJECT NO.: 20222047.001A	BORING LOG B-3		FIGURE
DRAWN BY: CSE	DUKE WAREHOUSE SYCAMORE 475 SYCAMORE DRIVE MILPITAS, CALIFORNIA		A-5
CHECKED BY: RY			
DATE:			PAGE: 2 of 2

PLOTTED: 04/13/2022 05:49 PM BY: RYuen
OFFICE FILTER: SANTA ROSA
PROJECT NUMBER: 20222047.001A
gINT FILE: Klf_gint_master_2022
gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2022.GLB [_KLF_BORING/TEST PIT SOIL LOG]

Date Begin - End:	3/11/2022	**Drilling Co.-Lic.#:**	Exploration Geoservices, Inc. - #484288	**BORING LOG B-4**	
Logged By:	S. Prabu	**Drill Crew:**	Loren, Lyle		
Hor.-Vert. Datum:	WGS84 - Not Available	**Drilling Equipment:**	Mobile B-53	**Hammer Type - Drop:**	140 lb. Auto - 30 in.
Plunge:	-90 degrees	**Drilling Method:**	Hollow Stem Auger/Mud Rotary	**Hammer Efficiency:**	95.5%
Weather:	Clear	**Exploration Diameter:**	4 in. O.D.	**Hammer Cal. Date:**	8/08/2020

Latitude: 37.41117°
Longitude: -121.91219°
Surface Condition: Asphalt

Depth (feet)	Graphical Log	Lithologic Description	Sample Number	Sample Type	Blow Counts(BC)= Uncorr. Blows/6 in. Pocket Pen(PP)= tsf	Recovery (NR=No Recovery)	USCS Symbol	Water Content (%)	Dry Unit Wt. (pcf)	Passing #4 (%)	Passing #200 (%)	Liquid Limit	Plasticity Index (NP=NonPlastic)	Additional Tests/ Remarks
		Asphalt: 2"												
		Aggregate Base: 4"												
		Lean CLAY with Sand (CL): low to medium plasticity, brown to dark brown, dry, medium stiff, fine to medium sand	Bulk 1											
5		dry to moist, stiff to very stiff	1A 1B 1C		BC=0 3 5 PP=2.5	18"		25.5	101.4					TXUU: c = 1.03 ksf
			2A 2B 2C		BC=4 6 9 PP=3.5	18"								
10		medium plasticity, dark brown, dry, very stiff	3A 3B 3C		BC=3 6 8 PP=4	18"								
15		low plasticity, brown	4A 4B 4C		BC=4 5 7 PP=3.5	18"								Switch to mud rotary at 15'
▽ 20		medium plasticity, grayish brown, moist to wet, soft to medium stiff, increase in fine sand	5		BC=0 0 4	18"	CL	30.7			73	31	12	
25		**Poorly Graded SAND (SP)**: non-plastic, brown, wet, medium dense, coarse sand	6		BC=4 10 11	18"								
30		very dense	7		BC=10 25 28	17"								

The boring was terminated at approximately 31.5 ft. below ground surface. The boring was backfilled with neat cement grout on March 11, 2022.

GROUNDWATER LEVEL INFORMATION:
▽ Groundwater was observed at approximately 20 ft. below ground surface during drilling.
GENERAL NOTES:
Boring location was not surveyed and should be considered approximate.

KLEINFELDER
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PROJECT NO.:	20222047.001A
DRAWN BY:	CSE
CHECKED BY:	RY
DATE:	

BORING LOG B-4

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE
A-6

PAGE: 1 of 1

gINT FILE: Klf_gint_master_2022
gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2022.GLB [_KLF_BORING/TEST PIT SOIL LOG]
PROJECT NUMBER: 20222047.001A
OFFICE FILTER: SANTA ROSA
PLOTTED: 04/13/2022 05:49 PM BY: RYuen

Date Begin - End:	3/11/2022	**Drilling Co.-Lic.#:**	Exploration Geoservices, Inc. - #484288	**BORING LOG B-5**	
Logged By:	S. Prabu	**Drill Crew:**	Loren, Lyle		
Hor.-Vert. Datum:	WGS84 - Not Available	**Drilling Equipment:**	Mobile B-53	**Hammer Type - Drop:**	140 lb. Auto - 30 in.
Plunge:	-90 degrees	**Drilling Method:**	Mud Rotary	**Hammer Efficiency:**	95.5%
Weather:	Clear	**Exploration Diameter:**	4 in. O.D.	**Hammer Cal. Date:**	8/08/2020

Latitude: 37.41048°
Longitude: -121.91375°
Surface Condition: Asphalt

Depth (feet)	Graphical Log	Lithologic Description	Sample Number	Sample Type	Blow Counts(BC)= Uncorr. Blows/6 in. Pocket Pen(PP)= tsf	Recovery (NR=No Recovery)	USCS Symbol	Water Content (%)	Dry Unit Wt. (pcf)	Passing #4 (%)	Passing #200 (%)	Liquid Limit	Plasticity Index (NP=NonPlastic)	Additional Tests/ Remarks
		Asphalt: 2"												
		Aggregate Base: 4"												
		Sandy Lean CLAY (CL): low plasticity, brown to dark brown, dry, medium stiff, medium to coarse sand, gravel to 0.25"	Bulk 1											
5		wet, medium stiff to stiff, fine to medium sand	1A 1B 1C		BC=1 2 2 PP=1.5	15"								
		Lean CLAY (CL): low to medium plasticity, dark brown, moist to wet, medium stiff, fine sand	2A 2B 2C		BC=0 2 2 PP=0.5	14"								
10		moist to wet, very stiff	3A 3B 3C		BC=4 6 10 PP=3.5	14"		25.4	100.4					TXUU: c = 2.00 ksf
		Lean CLAY with Sand (CL): low plasticity, olive brown, moist, medium stiff, fine to medium sand	4A 4B 4C		BC=6 9 13 PP=0.5	15"		12.6	120.4		78			
20		**Lean CLAY (CL)**: low plasticity, olive brown, moist to wet, medium stiff, medium sand	5A 5B 5C		BC=2 4 5 PP=0.5	16"	CL	27.6	97.7		92	34	13	
		Clayey SAND (SC): non-plastic, brown, wet, loose, medium sand	6A 6B 6C		BC=3 3 4 PP=0.5	18"								
30		**Poorly Graded SAND (SP)**: non-plastic, wet, dense, medium to coarse sand, trace fines	7		BC=6 11 17	18"								

The boring was terminated at approximately 31.5 ft. below ground surface. The boring was backfilled with neat cement grout on March 11, 2022.

GROUNDWATER LEVEL INFORMATION:
Groundwater was not observed during drilling or after completion.

GENERAL NOTES:
Boring location was not surveyed and should be considered approximate.

KLEINFELDER
Bright People. Right Solutions.

PROJECT NO.: 20222047.001A
DRAWN BY: CSE
CHECKED BY: RY
DATE:

BORING LOG B-5

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE
A-7

PAGE: 1 of 1

PLOTTED: 04/13/2022 05:49 PM BY: RYuen
PROJECT NUMBER: 20222047.001A OFFICE FILTER: SANTA ROSA
gINT FILE: Klf_gint_master_2022 gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2022.GLB [_KLF_BORING/TEST PIT SOIL LOG]

PRESENTATION OF SITE INVESTIGATION RESULTS

Duke Warehouse Sycamore

Prepared for:

Kleinfelder

ConeTec Job No: 22-56-23826

Project Start Date: 2022-Mar-14
Project End Date: 2022-Mar-14
Report Date: 2022-Mar-15

Prepared by:

ConeTec Inc.

820 Aladdin Avenue, San Leandro, CA 95477

Tel: (510) 357-3677

ConeTecCA@conetec.com

www.conetec.com
www.conetecdataservices.com

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ABOUT THIS REPORT

The enclosed report presents the results of the site investigation program conducted by ConeTec, Inc. The program consisted of Seismic Piezocone Penetration Testing and Pore Pressure Dissipation Testing. Please note that this report, which also includes all accompanying data, are subject to the 3rd Party Disclaimer and Client Disclaimer that follow in the 'Limitations' section of this report.

Project Information	
Client	Kleinfelder
Project	Duke Warehouse Sycamore
ConeTec Project Number	22-56-23826
Rig Description	30-ton Truck CPT Rig (C-15)

Coordinates	
Collection Method	Consumer Grade GPS
EPSG Number	32610 (WGS 84 / UTM 10S)

Cone Penetration Test (CPTu)	
Depth Reference	Existing ground surface at the time of the investigation
Sleeve data offset	0.1 Meters

Calculated Geotechnical Parameters Tables	
Additional Information	The Normalized Soil Behaviour Type Chart based on Q_{tn} (SBT Q_{tn}) (Robertson, 2009) was used to classify the soil for this project. A detailed set of calculated CPTu parameters have been generated and are provided in Excel format files in the release folder. The CPTu parameter calculations are based on values of corrected tip resistance (q_t) sleeve friction (f_s) and pore pressure (u_2). Effective stresses are calculated based on unit weights that have been assigned to the individual soil behaviour type zones and the assumed equilibrium pore pressure profile. Soils were classified as either drained or undrained based on the Q_{tn} Normalized Soil Behaviour Type Chart (Robertson, 2009). Calculations for both drained and undrained parameters were included for materials that classified as silt mixtures (zone 4).

Please refer to the list of attached documents following the text of this report. A test summary, location map, and plots are included. Thank you for the opportunity to work on this project.

CONETEC

LIMITATIONS

3rd Party Disclaimer

- The “Report” refers to this report titled Duke Warehouse Sycamore
- The Report was prepared by ConeTec for Kleinfelder

The Report is confidential and may not be distributed to or relied upon by any third parties without the express written consent of ConeTec. Any third parties gaining access to the Report do not acquire any rights as a result of such access. Any use which a third party makes of the Report, or any reliance on or decisions made based on it, are the responsibility of such third parties. ConeTec accepts no responsibility for loss, damage and/or expense, if any, suffered by any third parties as a result of decisions made, or actions taken or not taken, which are in any way based on, or related to, the Report or any portion(s) thereof.

Client Disclaimer

- ConeTec was retained by Kleinfelder
- The “Report” refers to this report titled Duke Warehouse Sycamore
- ConeTec was retained to collect and provide the raw data (“Data”) which is included in the Report.

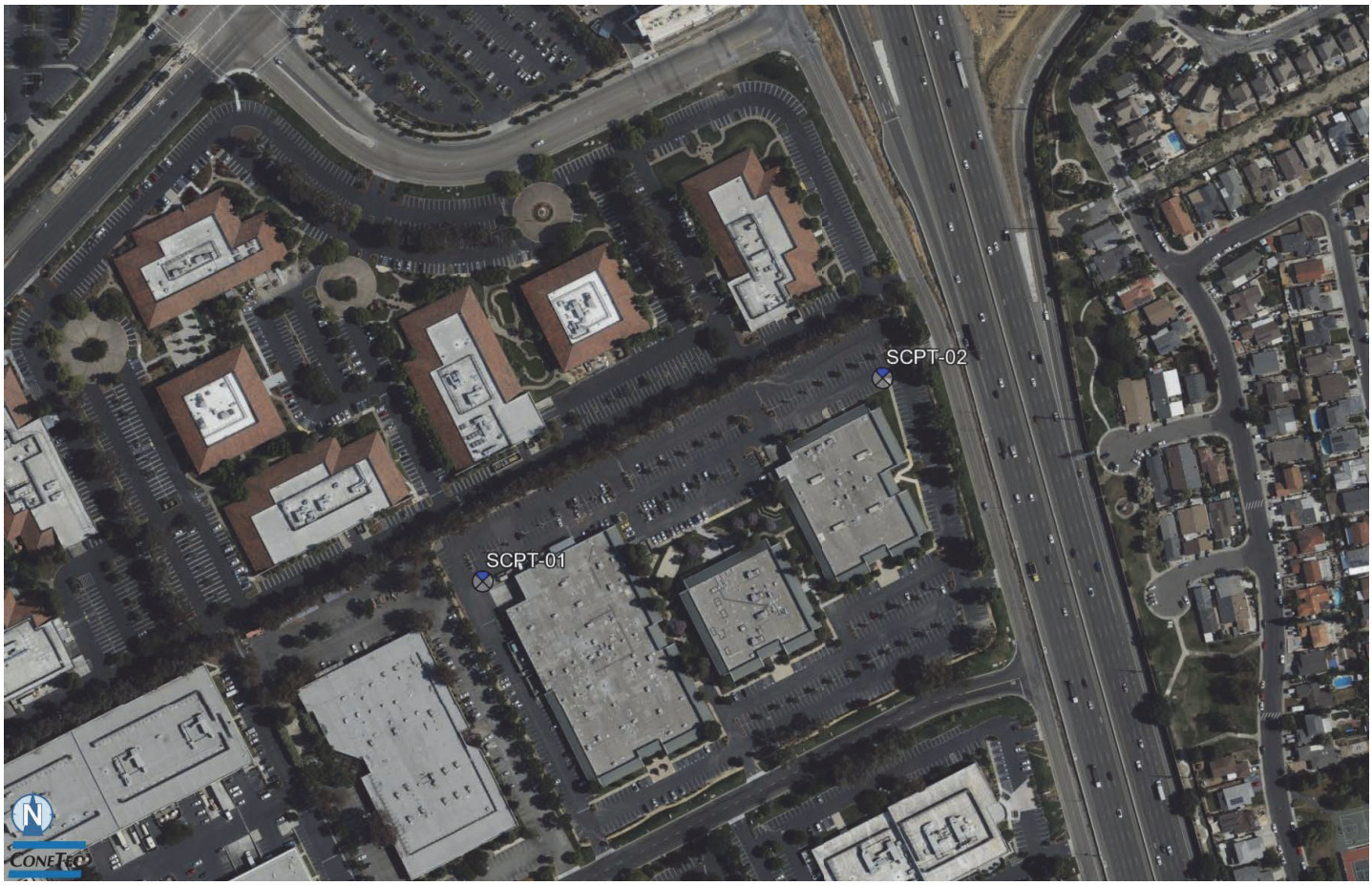
ConeTec has collected and reported the Data in accordance with current industry standards. No other warranty, express or implied, with respect to the Data is made by ConeTec. In order to properly understand the Data included in the Report, reference must be made to the documents accompanying and other sources referenced in the Report in their entirety. Other than the Data, the contents of the Report (including any Interpretations) should not be relied upon in any fashion without independent verification and ConeTec is in no way responsible for any loss, damage or expense resulting from the use of, and/or reliance on, such material by any party.

CONTENTS

The following listed below are included in the report:

- **Site Map**
- **Piezocone Penetration Test (CPTu) Sounding Summary**
- **CPTu Standard Plots, Advanced Plots, and Normalized Plots**
- **SBT Zone Scatter Plots**
- **Pore Pressure Dissipation (PPD) Test Summary**
- **PPD Test Plots**
- **Seismic CPTu Results, Plots, and Traces**
- **Methodology Statements**
- **Data File Formats**
- **Description of Methods for Calculated CPT Geotechnical Parameters**

SITE MAP



ConeTec Job Number: 22-56-23826

Client: Kleinfelder

Project: Duke Warehouse Sycamore

Report Date: 2022-Mar-15

Sounding Location

All sounding locations are approximate

Cone Penetration Test Summary and Standard Cone Penetration Test Plots

CONETEC

Job No:	22-56-23826
Client:	Kleinfelder
Project:	Duke Warehouse Sycamore
Start Date:	14-Mar-2022
End Date:	14-Mar-2022

CONE PENETRATION TEST SUMMARY

Sounding ID	File Name	Date	Cone	Cone Area (cm^2)	Assumed Phreatic Surface[1] (ft)	Final Depth (ft)	Northing[2]	Easting[2]	Elevation[3] (ft)	Refer to Notation Number
SCPT-01	22-56-23826_SP01	14-Mar-2022	EC741:T1500F15U35	15	11.0	101.05	4141022	596002	31	
SCPT-02	22-56-23826_SP02	14-Mar-2022	EC741:T1500F15U35	15	10.9	101.21	4141137	596223	29	

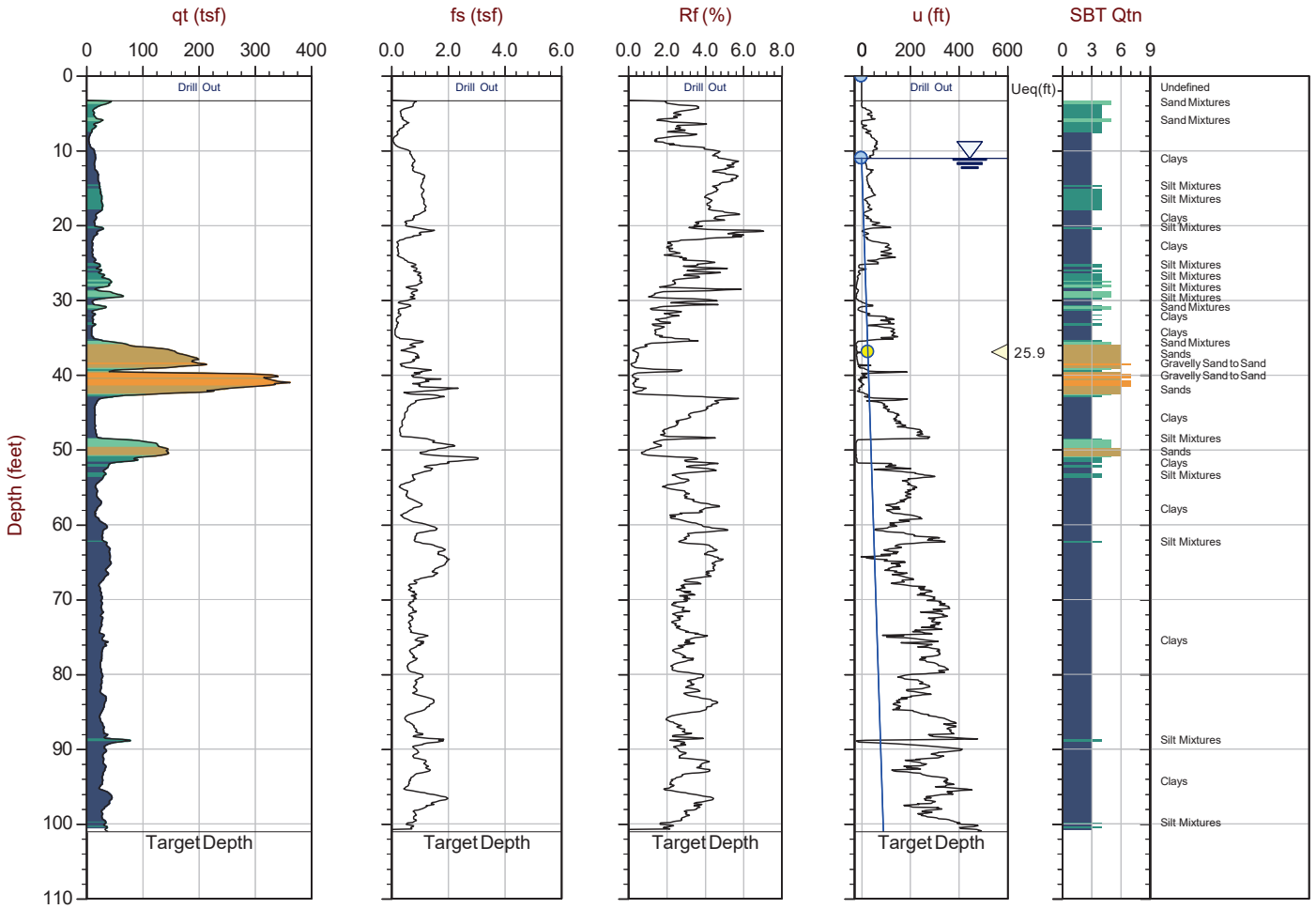
1. The assumed phreatic surface was based off the shallowest pore pressure dissipation tests performed within or nearest the sounding. Hydrostatic conditions were assumed for the calculated parameters.
2. The coordinates were collected using consumer grade GPS equipment. EPSG number: 32610 (WGS84 / UTM Zone 10S).
3. Elevations are referenced to the ground surface and were acquired from the Google Earth Elevation for the recorded coordinates.

CONETEC

Kleinfelder

Job No: 22-56-23826
Date: 2022-03-14 11:48
Site: Duke Warehouse Sycamore

Sounding: SCPT-01
Cone: 741:T1500F15U35



Max Depth: 30.800 m / 101.05 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-23826_SP01.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141022m E: 596002m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

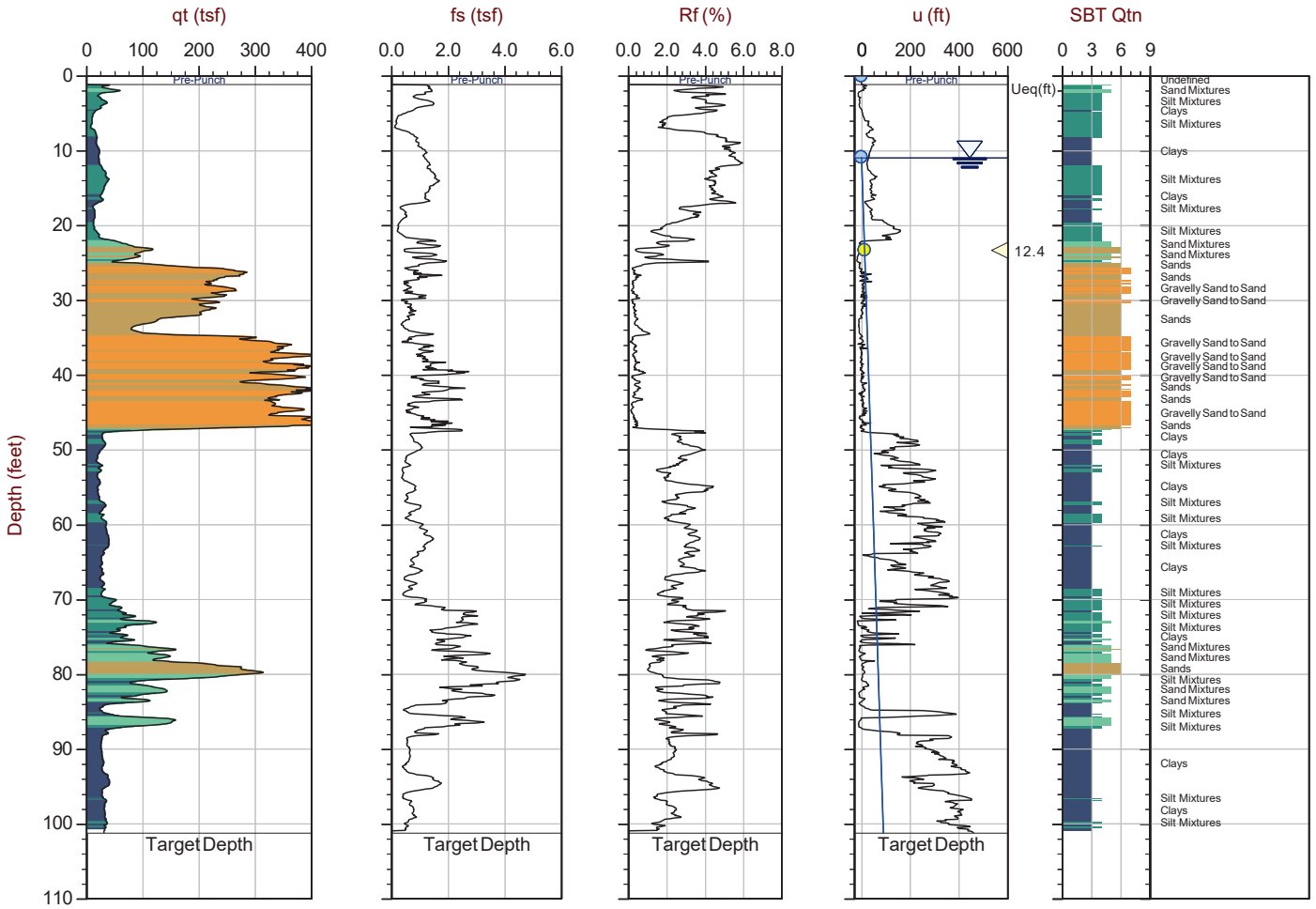
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Kleinfelder

Job No: 22-56-23826
Date: 2022-03-14 08:58
Site: Duke Warehouse Sycamore

Sounding: SCPT-02
Cone: 741:T1500F15U35



Max Depth: 30.850 m / 101.21 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-23826_SP02.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141137m E: 596223m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

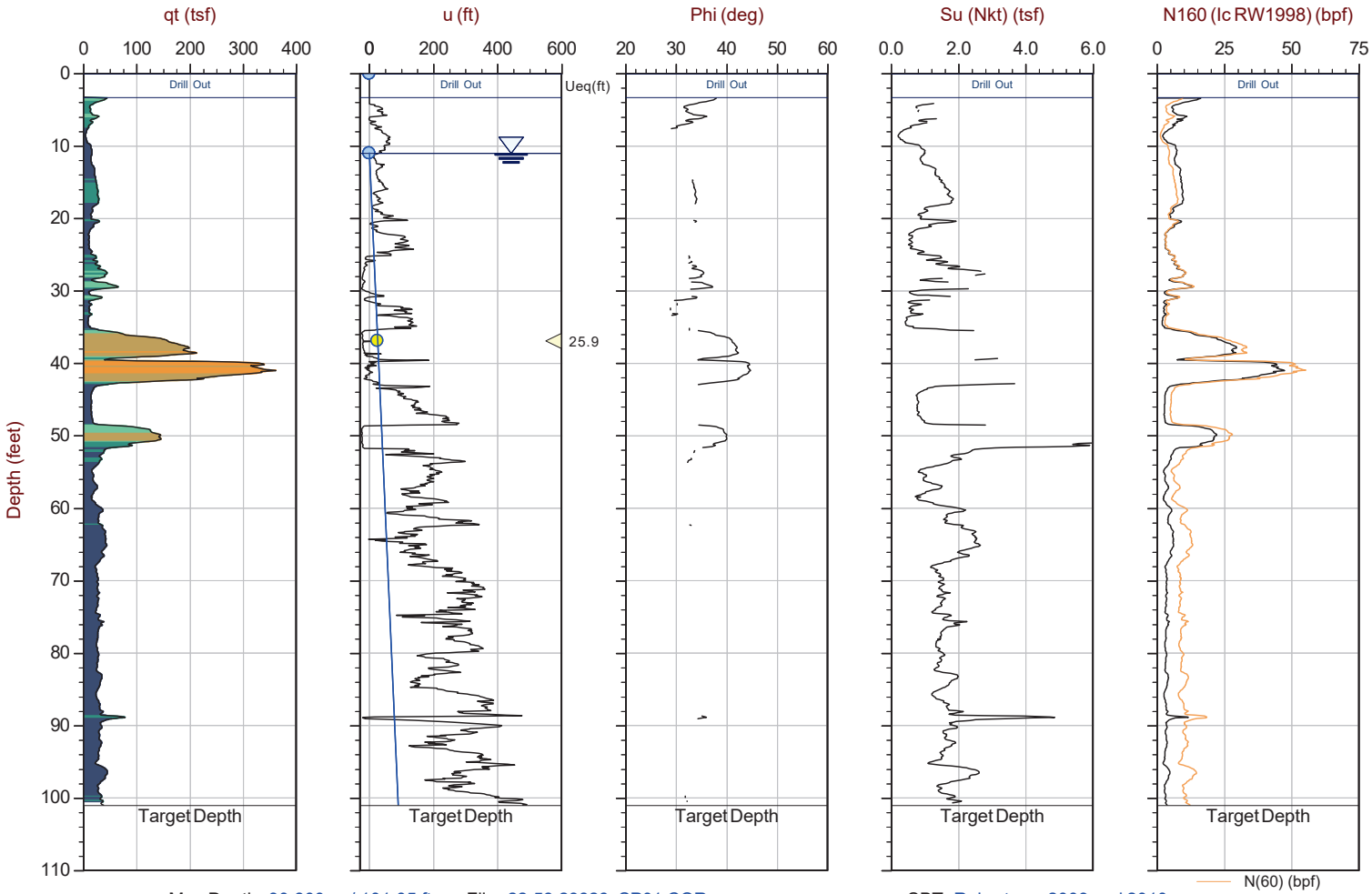
Advanced Cone Penetration Test Plots

CONETEC

Kleinfelder

Job No: 22-56-23826
Date: 2022-03-14 11:48
Site: Duke Warehouse Sycamore

Sounding: SCPT-01
Cone: 741:T1500F15U35



Max Depth: 30.800 m / 101.05 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-23826_SP01.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141022m E: 596002m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

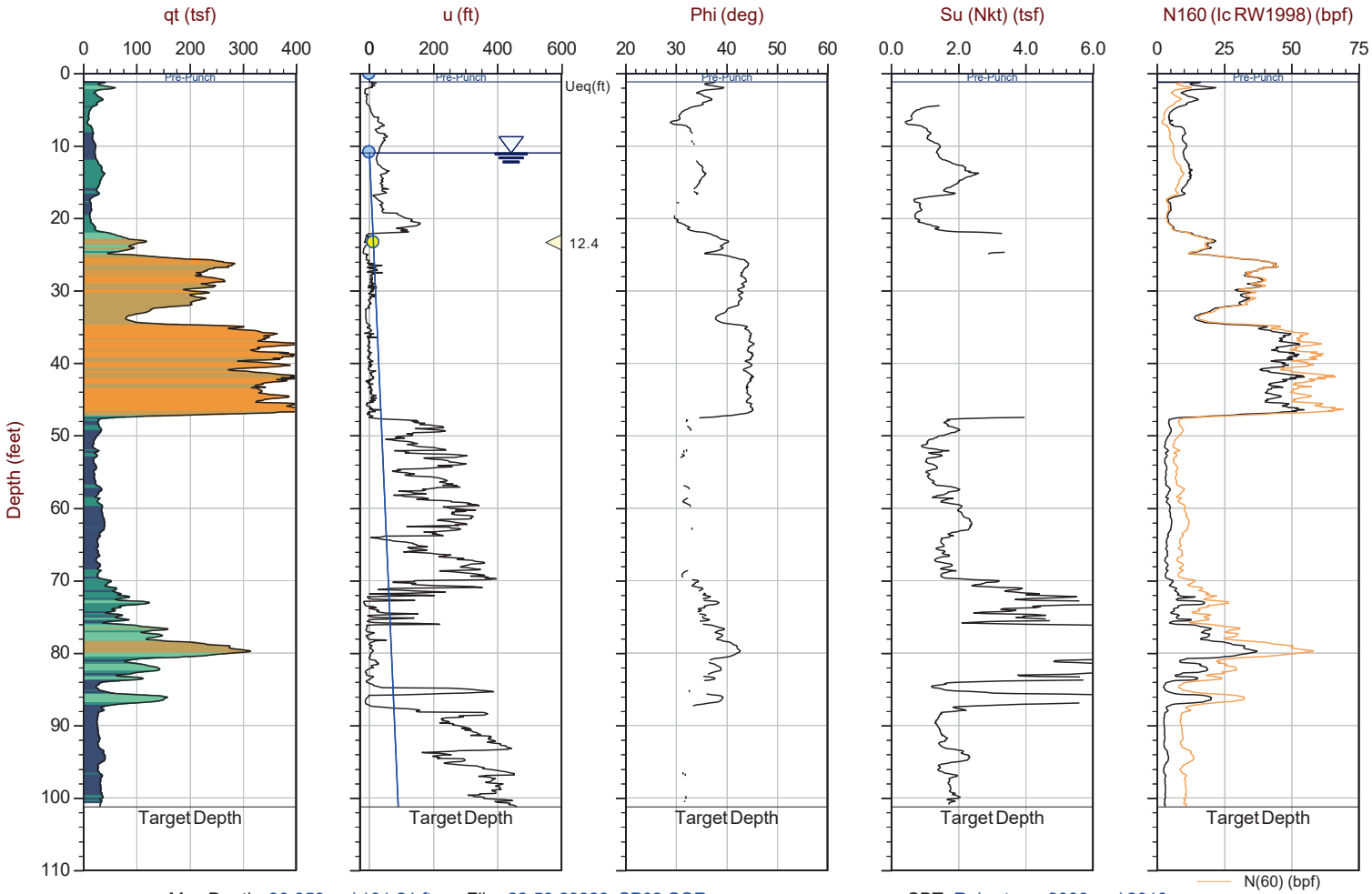
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Kleinfelder

Job No: 22-56-23826
Date: 2022-03-14 08:58
Site: Duke Warehouse Sycamore

Sounding: SCPT-02
Cone: 741:T1500F15U35



Max Depth: 30.850 m / 101.21 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-23826_SP02.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141137m E: 596223m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

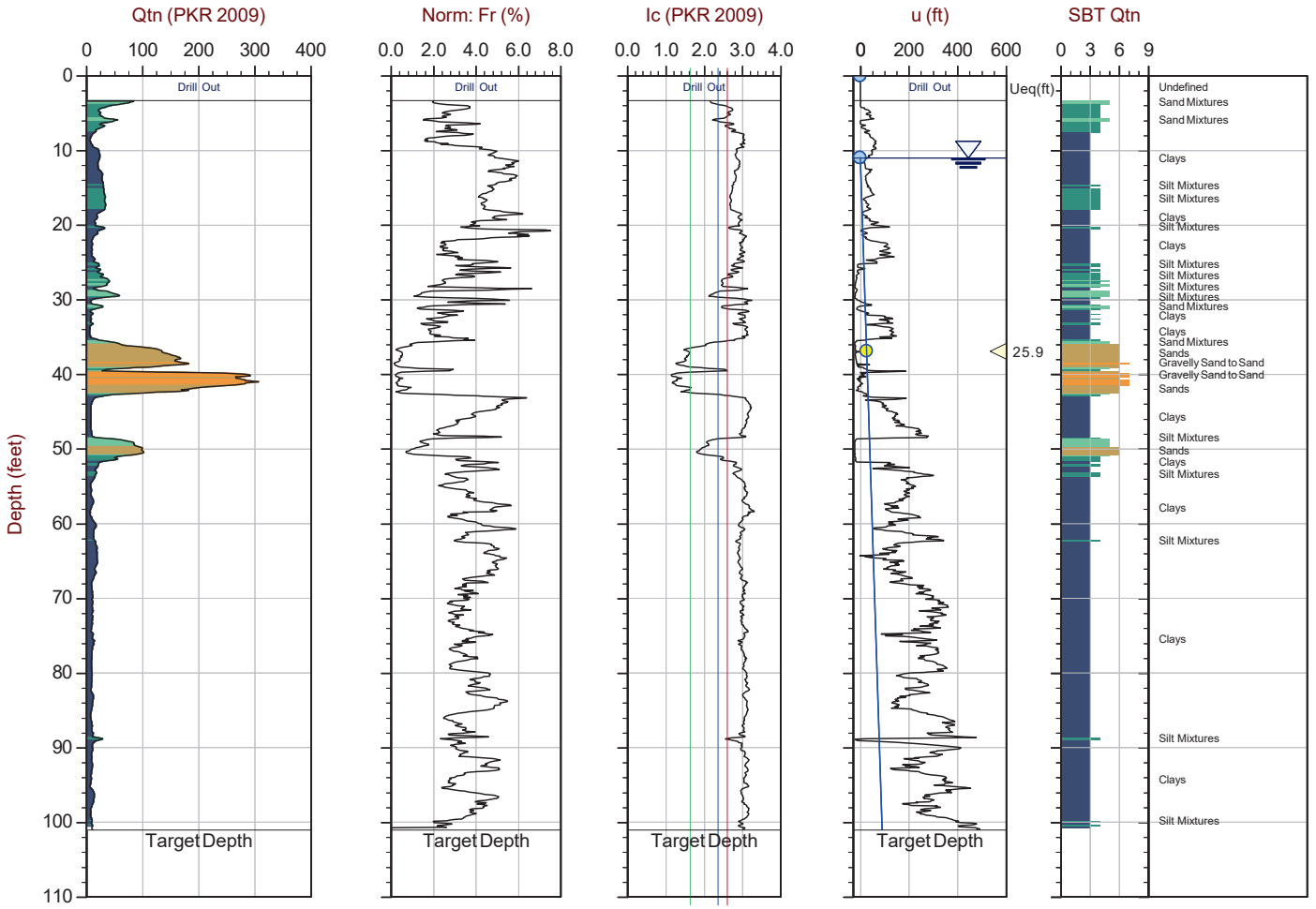
Normalized Cone Penetration Test Plots

CONETEC

Kleinfelder

Job No: 22-56-23826
Date: 2022-03-14 11:48
Site: Duke Warehouse Sycamore

Sounding: SCPT-01
Cone: 741:T1500F15U35



Max Depth: 30.800 m / 101.05 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-23826_SP01.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141022m E: 596002m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

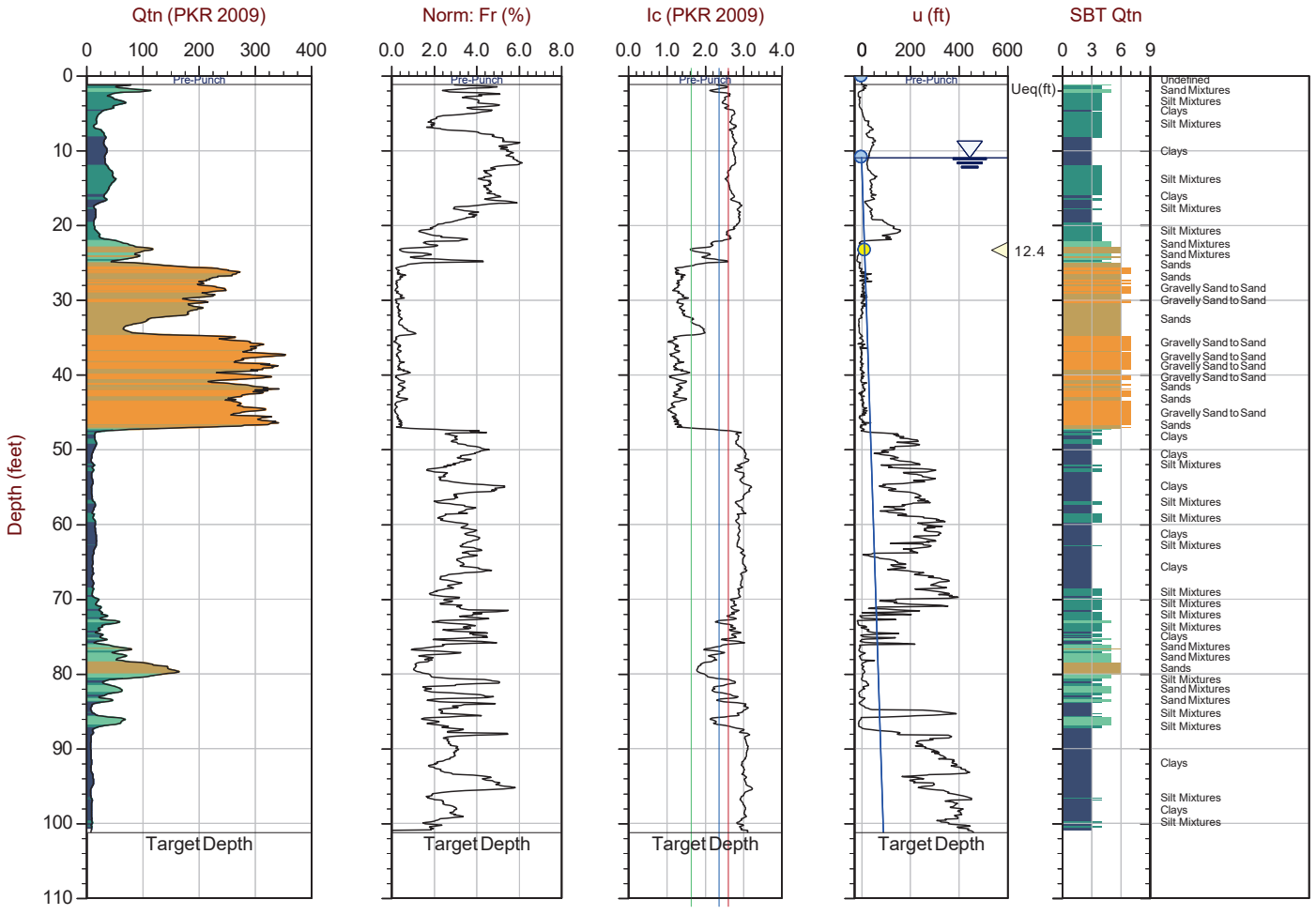
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Kleinfelder

Job No: 22-56-23826
Date: 2022-03-14 08:58
Site: Duke Warehouse Sycamore

Sounding: SCPT-02
Cone: 741:T1500F15U35



Max Depth: 30.850 m / 101.21 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-23826_SP02.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141137m E: 596223m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

Soil Behavior Type (SBT) Scatter Plots

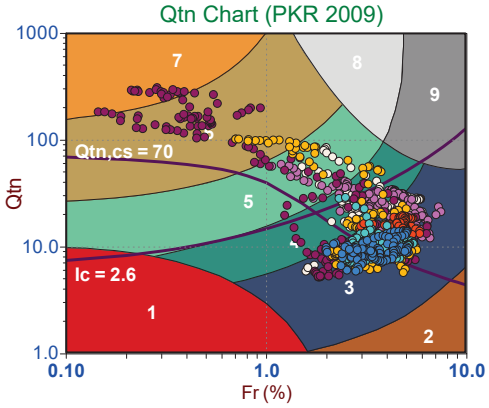
CONETEC

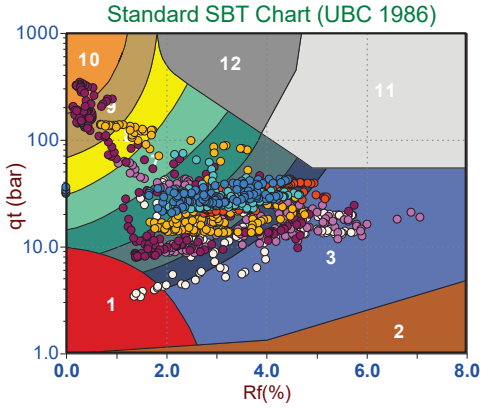
CONETEC

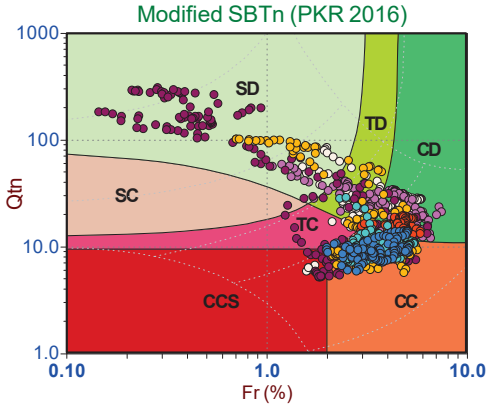
Kleinfelder

Job No: 22-56-23826
Date: 2022-03-14 11:48
Site: Duke Warehouse Sycamore

Sounding: SCPT-01
Cone: 741:T1500F15U35







Depth Ranges
- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend
- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend
- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend
- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

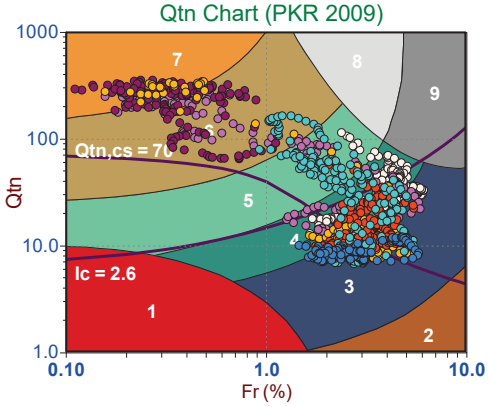
CONETEC

Kleinfelder

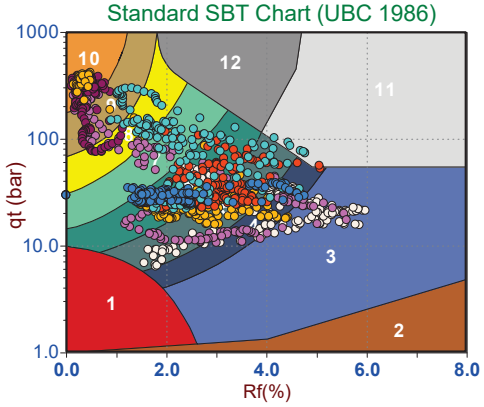
Job No: 22-56-23826
Date: 2022-03-14 08:58
Site: Duke Warehouse Sycamore

Sounding: SCPT-02
Cone: 741:T1500F15U35

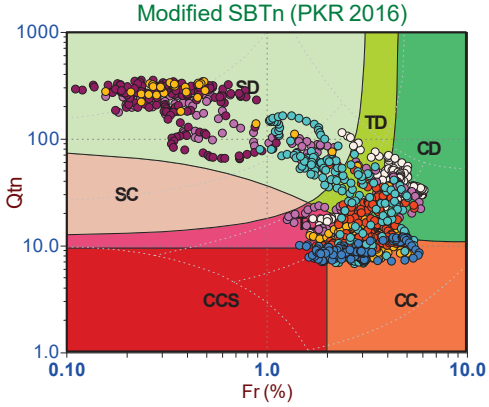
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

Pore Pressure Dissipation Summary and Pore Pressure Dissipation Plots

CONETEC

Job No:	22-56-23826
Client:	Kleinfelder
Project:	Duke Warehouse Sycamore
Start Date:	14-Mar-2022
End Date:	14-Mar-2022

CPTu PORE PRESSURE DISSIPATION SUMMARY

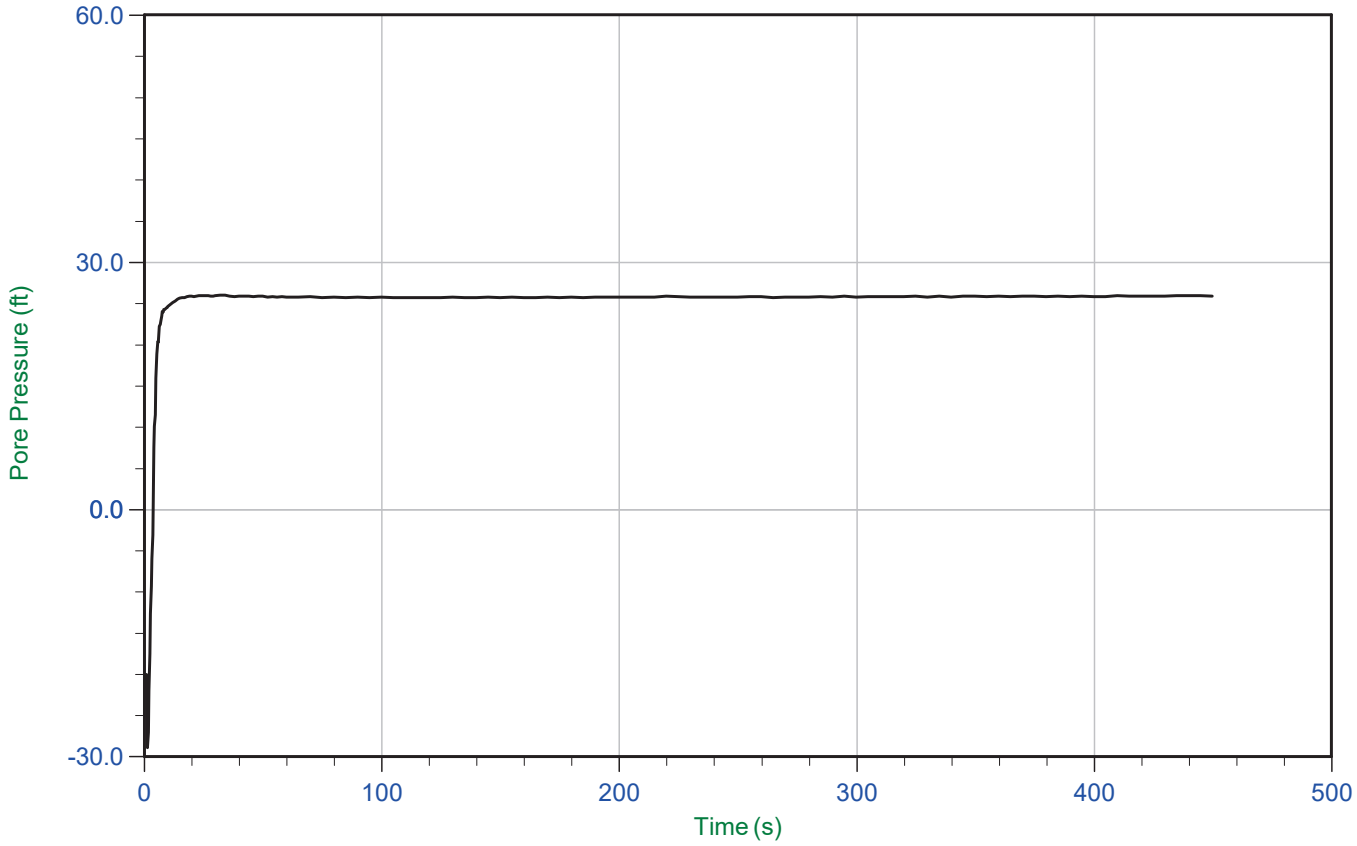
Sounding ID	File Name	Cone Area (cm^2)	Duration (s)	Test Depth (ft)	Estimated Equilibrium Pore Pressure U_{eq} (ft)	Calculated Phreatic Surface (ft)
SCPT-01	22-56-23826_SP01	15	450	36.91	25.9	11.0
SCPT-02	22-56-23826_SP02	15	840	23.29	12.4	10.9

CONETEC

Kleinfelder

Job No: 22-56-23826
Date: 03/14/2022 11:48
Site: Duke Warehouse Sycamore

Sounding: SCPT-01
Cone: 741:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-23826_SP01.PPD2
Depth: 11.250 m / 36.909 ft
Duration: 449.9 s

u Min: -28.9 ft
u Max: 26.0 ft
u Final: 25.9 ft

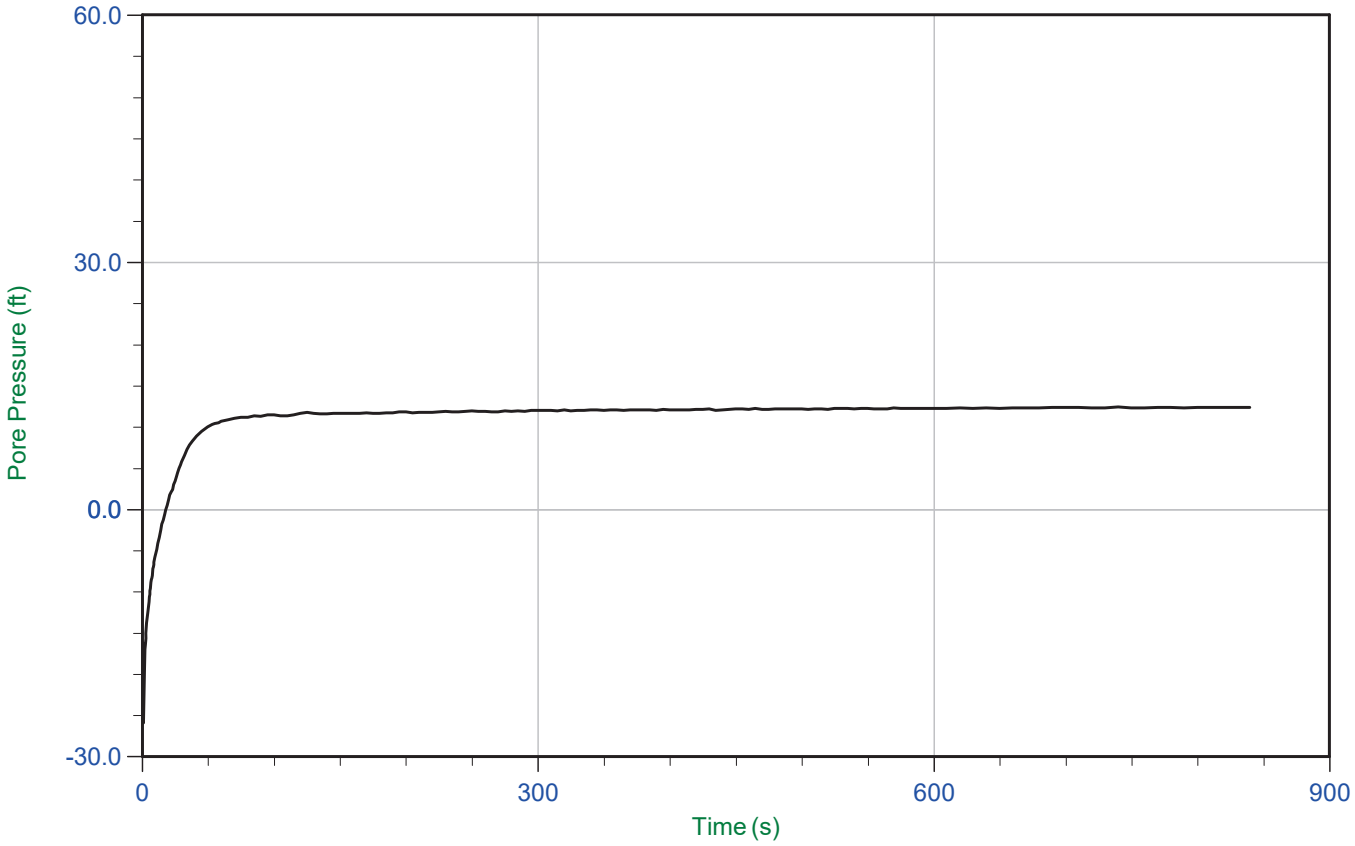
WT: 3.351 m / 10.994 ft
Ueq: 25.9 ft

CONETEC

Kleinfelder

Job No: 22-56-23826
Date: 03/14/2022 08:36
Site: Duke Warehouse Sycamore

Sounding: SCPT-02
Cone: 741:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-23826_SP02.PPD2
Depth: 7.100 m / 23.294 ft
Duration: 839.9 s

u Min: -25.9 ft
u Max: 12.4 ft
u Final: 12.4 ft

WT: 3.325 m / 10.907 ft
Ueq: 12.4 ft

Seismic Cone Penetration Test Tabular Results

CONETEC

Job No:	22-56-23826
Client:	Kleinfelder
Project:	Duke Warehouse Sycamore
Sounding ID:	SCPT-01
Date:	03:14:22 11:48
Seismic Source:	Beam
Seismic Offset (ft):	1.87
Source Depth (ft):	0.00
Geophone Offset (ft):	0.81

SCPTu SHEAR WAVE VELOCITY TEST RESULTS - Vs

Tip Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Ray Path Difference (ft)	Travel Time Interval (ms)	Interval Velocity (ft/s)
5.91	5.09	5.43			
9.12	8.31	8.52	3.09	5.56	556
12.47	11.66	11.80	3.29	5.39	610
15.81	15.00	15.12	3.31	5.16	642
19.03	18.22	18.31	3.20	4.44	719
22.31	21.50	21.58	3.27	4.38	746
25.59	24.78	24.85	3.27	6.01	545
28.81	27.99	28.06	3.21	5.66	566
32.09	31.27	31.33	3.28	5.78	567
35.43	34.62	34.67	3.34	6.01	556
38.65	37.84	37.88	3.21	4.54	707
42.06	41.25	41.29	3.41	3.94	866
45.28	44.46	44.50	3.21	4.08	787
48.56	47.74	47.78	3.28	4.25	771
51.77	50.96	50.99	3.21	3.68	872
55.05	54.24	54.27	3.28	2.95	1113
58.40	57.59	57.62	3.35	3.68	908
61.61	60.80	60.83	3.21	3.40	945
64.90	64.08	64.11	3.28	3.24	1013
68.24	67.43	67.46	3.35	3.05	1096
71.62	70.81	70.83	3.38	3.63	932
74.80	73.99	74.02	3.18	3.89	819
78.08	77.27	77.30	3.28	3.81	860
81.30	80.49	80.51	3.21	3.92	820
84.74	83.93	83.95	3.44	3.56	967
88.03	87.21	87.23	3.28	3.27	1003
91.31	90.49	90.51	3.28	3.74	878
94.59	93.77	93.79	3.28	3.15	1041
97.77	96.96	96.98	3.18	2.78	1146
101.05	100.24	100.26	3.28	2.71	1209

Job No:	22-56-23826
Client:	Kleinfelder
Project:	Duke Warehouse Sycamore
Sounding ID:	SCPT-02
Date:	03:14:22 08:58
Seismic Source:	Beam
Seismic Offset (ft):	1.87
Source Depth (ft):	0.00
Geophone Offset (ft):	0.81

SCPTu SHEAR WAVE VELOCITY TEST RESULTS - Vs

Tip Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Ray Path Difference (ft)	Travel Time Interval (ms)	Interval Velocity (ft/s)
2.79	1.98	2.72			
6.00	5.19	5.52	2.80	5.96	469
9.25	8.44	8.65	3.13	6.39	489
12.63	11.82	11.97	3.32	5.27	630
15.81	15.00	15.12	3.15	4.68	673
19.19	18.38	18.48	3.36	4.79	701
22.38	21.56	21.64	3.17	5.16	614
25.75	24.94	25.01	3.37	4.56	739
29.04	28.22	28.29	3.27	4.60	712
32.25	31.44	31.49	3.21	4.12	779
35.60	34.79	34.84	3.34	3.63	922
38.78	37.97	38.01	3.18	3.75	848
42.26	41.45	41.49	3.47	3.39	1024
45.44	44.63	44.67	3.18	3.16	1007
48.72	47.91	47.94	3.28	2.81	1165
52.00	51.19	51.22	3.28	3.60	912
55.38	54.57	54.60	3.38	3.72	909
58.56	57.75	57.78	3.18	3.78	842
61.75	60.93	60.96	3.18	4.17	764
65.22	64.41	64.44	3.48	3.49	995
68.50	67.69	67.72	3.28	3.86	851
71.78	70.97	71.00	3.28	3.59	913
74.97	74.16	74.18	3.18	3.35	950
78.18	77.37	77.39	3.21	3.29	976
81.53	80.72	80.74	3.35	3.20	1046
84.81	84.00	84.02	3.28	3.43	956
88.19	87.38	87.40	3.38	3.80	889
91.37	90.56	90.58	3.18	3.68	865
94.59	93.77	93.79	3.22	3.69	872
97.93	97.12	97.14	3.35	3.10	1079
101.21	100.40	100.42	3.28	3.32	988

Seismic Cone Penetration Test Plots

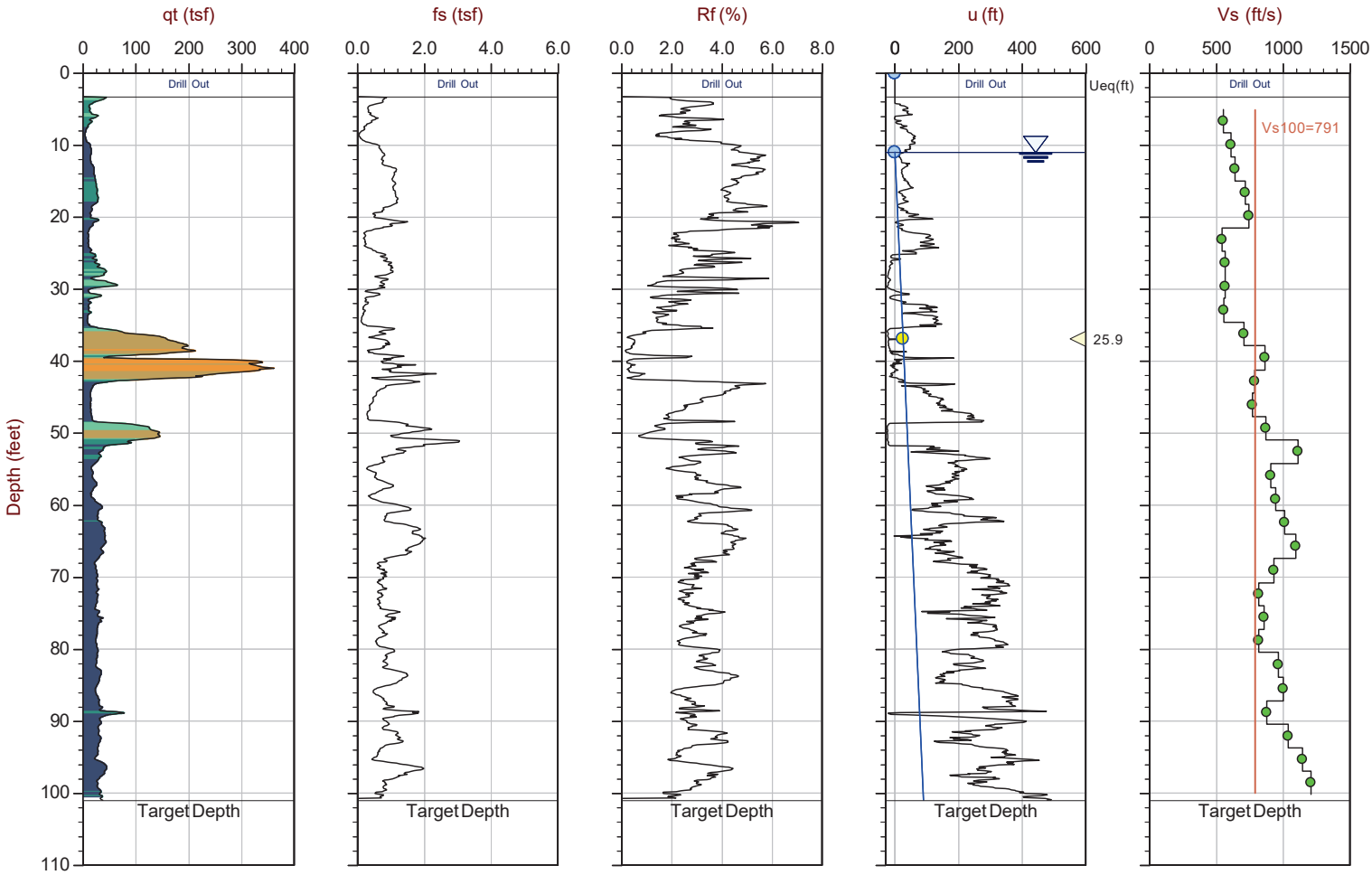
CONETEC

CONETEC

Kleinfelder

Job No: 22-56-23826
Date: 2022-03-14 11:48
Site: Duke Warehouse Sycamore

Sounding: SCPT-01
Cone: 741:T1500F15U35



Max Depth: 30.800 m / 101.05 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-23826_SP01.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141022m E: 596002m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

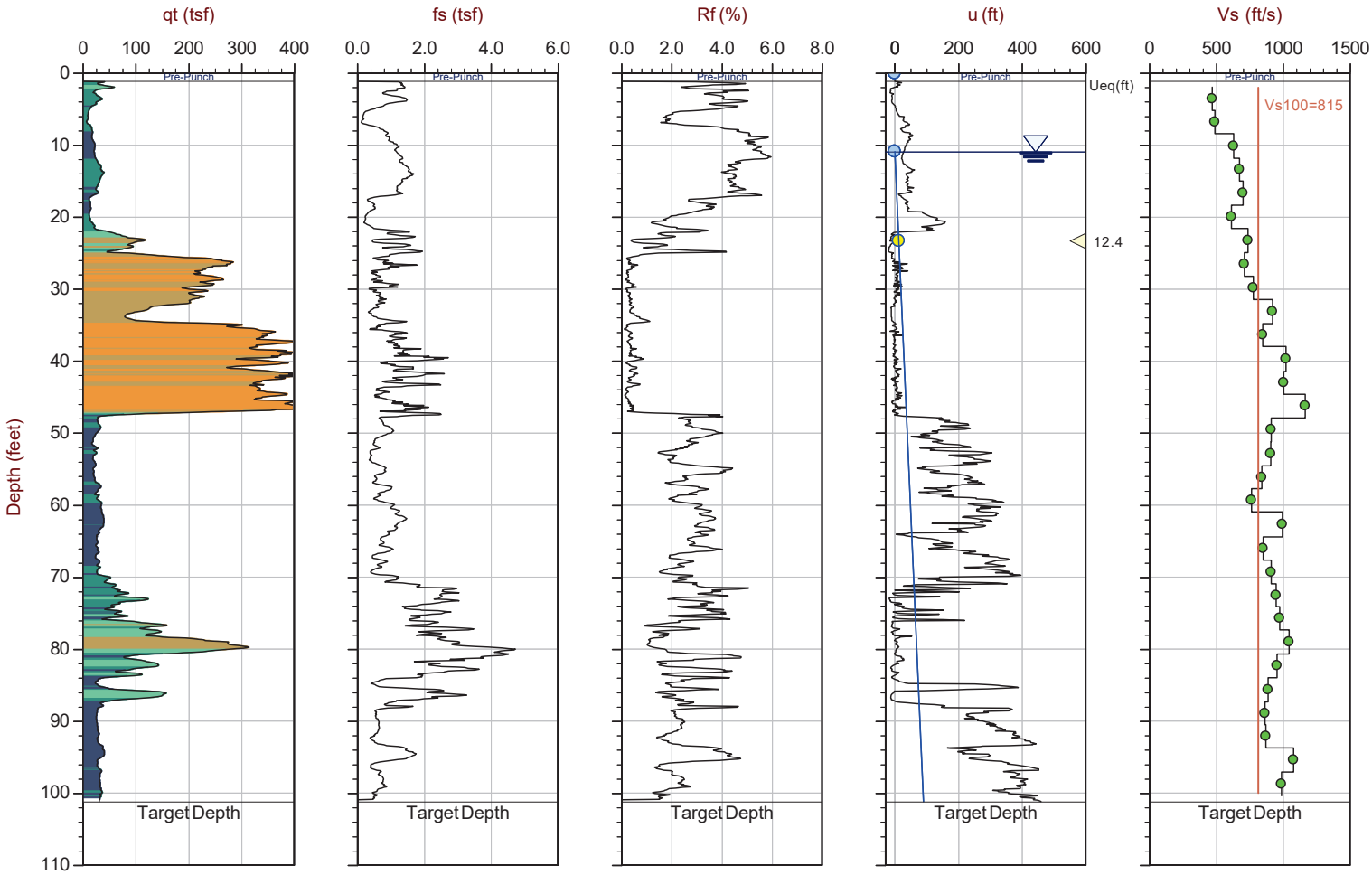
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Kleinfelder

Job No: 22-56-23826
Date: 2022-03-14 08:58
Site: Duke Warehouse Sycamore

Sounding: SCPT-02
Cone: 741:T1500F15U35



Max Depth: 30.850 m / 101.21 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-23826_SP02.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4141137m E: 596223m

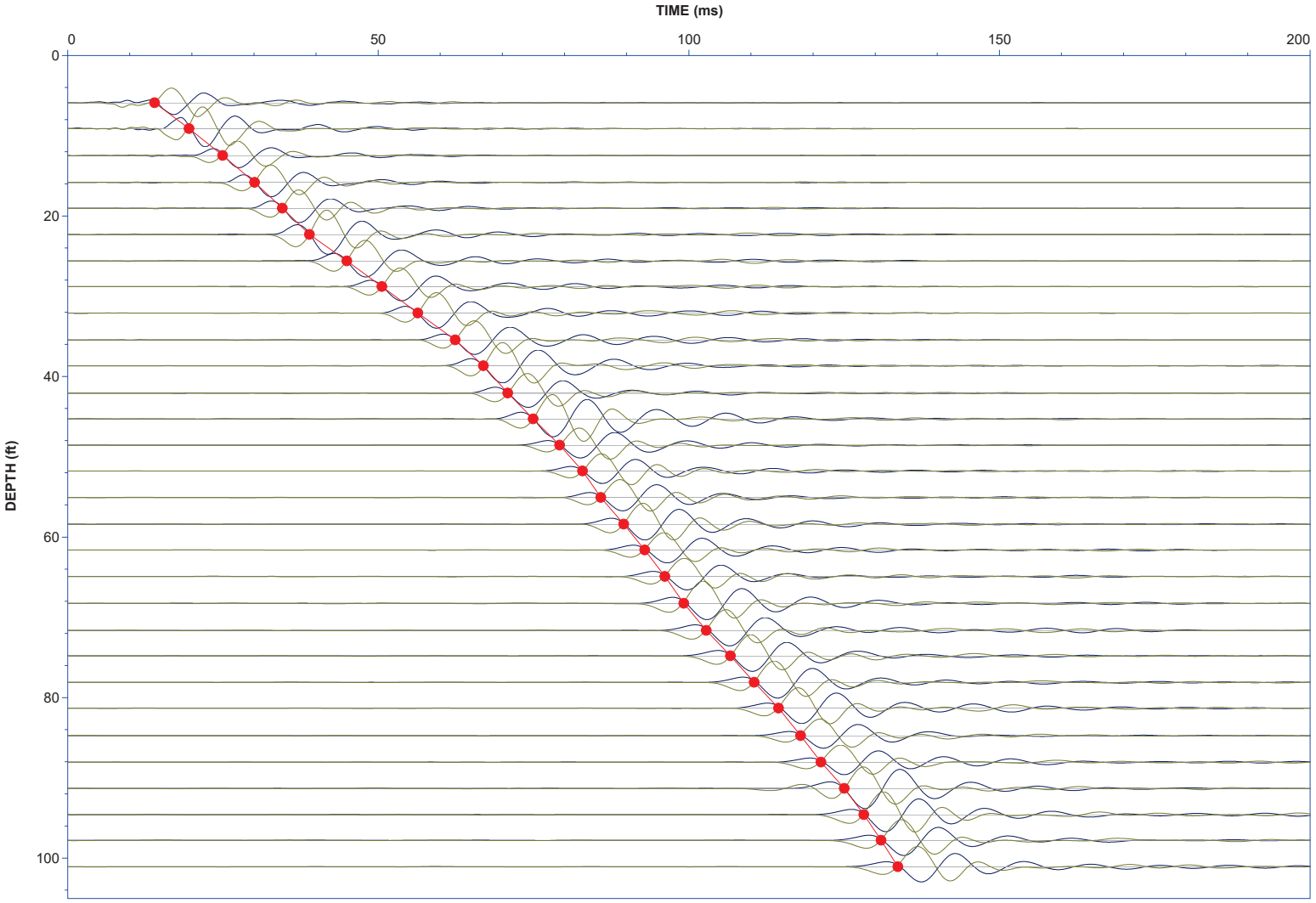
Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

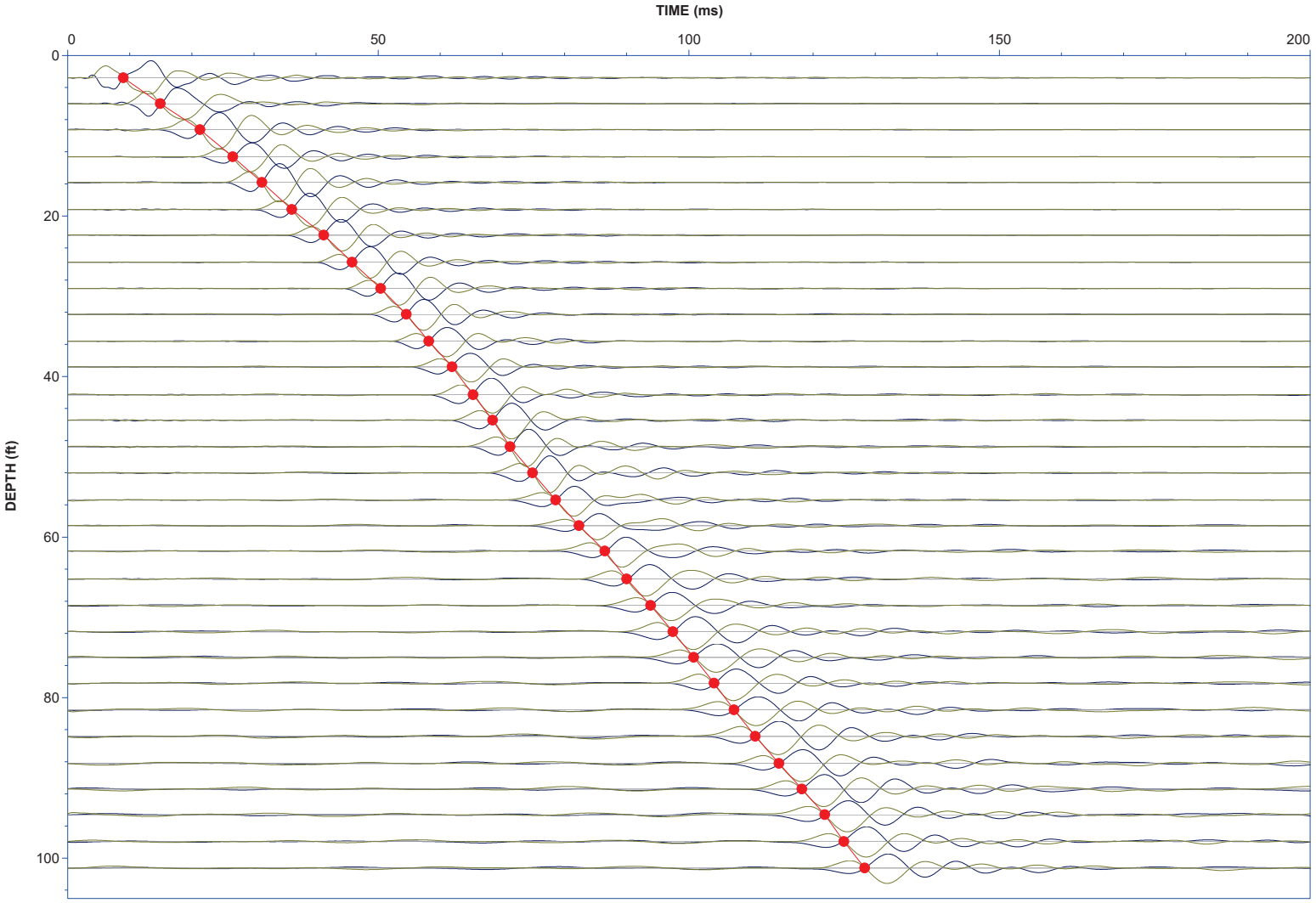
Seismic Cone Penetration Test Shear Wave (Vs) Traces

CONETEC

Job No: 22-56-23826 | Client: Kleinfelder | Project: Duke Warehouse Sycamore | Filter: BP 0-500 Hz | Sounding: SCPT-01 | Analysis: Shear Wave
Date: 03:14:22 11:48 | Cone: 741:T1500F15U35



Job No: 22-56-23826 | Client: Kleinfelder | Project: Duke Warehouse Sycamore | Filter: BP 0-500 Hz | Sounding: SCPT-02 | Analysis: Shear Wave
Date: 03:14:22 08:58 | Cone: 741:T1500F15U35



Methodology Statements and Data File Formats

CONETEC

Cone penetration tests (CPTu) are conducted using an integrated electronic piezocone penetrometer and data acquisition system manufactured by Adara Systems Ltd., a subsidiary of ConeTec.

ConeTec's piezocone penetrometers are compression type designs in which the tip and friction sleeve load cells are independent and have separate load capacities. The piezocones use strain gauged load cells for tip and sleeve friction and a strain gauged diaphragm type transducer for recording pore pressure. The piezocones also have a platinum resistive temperature device (RTD) for monitoring the temperature of the sensors, an accelerometer type dual axis inclinometer and two geophone sensors for recording seismic signals. All signals are amplified and measured with minimum sixteen-bit resolution down hole within the cone body, and the signals are sent to the surface using a high bandwidth, error corrected digital interface through a shielded cable.

ConeTec penetrometers are manufactured with various tip, friction and pore pressure capacities in both 10 cm^2 and 15 cm^2 tip base area configurations in order to maximize signal resolution for various soil conditions. The specific piezocone used for each test is described in the CPT summary table presented in the first appendix. The 15 cm^2 penetrometers do not require friction reducers as they have a diameter larger than the deployment rods. The 10 cm^2 piezocones use a friction reducer consisting of a rod adapter extension behind the main cone body with an enlarged cross sectional area (typically 44 millimeters diameter over a length of 32 millimeters with tapered leading and trailing edges) located at a distance of 585 millimeters above the cone tip.

The penetrometers are designed with equal end area friction sleeves, a net end area ratio of 0.8 and cone tips with a 60 degree apex angle.

All ConeTec piezocones can record pore pressure at various locations. Unless otherwise noted, the pore pressure filter is located directly behind the cone tip in the "u_2" position (ASTM Type 2). The filter is six millimeters thick, made of porous plastic (polyethylene) having an average pore size of 125 microns (90-160 microns). The function of the filter is to allow rapid movements of extremely small volumes of water needed to activate the pressure transducer while preventing soil ingress or blockage.

The piezocone penetrometers are manufactured with dimensions, tolerances and sensor characteristics that are in general accordance with the current ASTM D5778 standard. ConeTec's calibration criteria also meets or exceeds those of the current ASTM D5778 standard. An illustration of the piezocone penetrometer is presented in Figure CPTu.

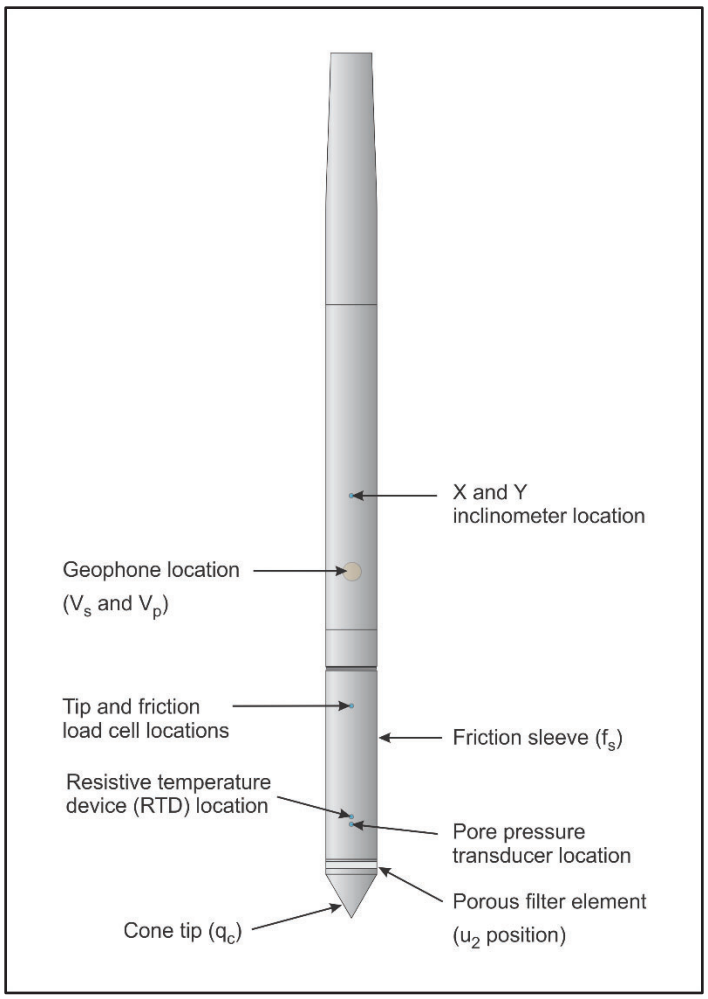


Figure CPTu. Piezocone Penetrometer (15 cm^2)

The ConeTec data acquisition systems consist of a Windows based computer and a signal interface box and power supply. The signal interface combines depth increment signals, seismic trigger signals and the downhole digital data. This combined data is then sent to the Windows based computer for collection and presentation. The data is recorded at fixed depth increments using a depth wheel attached to the push cylinders or by using a spring loaded rubber depth wheel that is held against the cone rods. The typical recording interval is 2.5 centimeters; custom recording intervals are possible.

The system displays the CPTu data in real time and records the following parameters to a storage media during penetration:

- Depth
- Uncorrected tip resistance (q_c)
- Sleeve friction (f_s)
- Dynamic pore pressure (u)
- Additional sensors such as resistivity, passive gamma, ultra violet induced fluorescence, if applicable

All testing is performed in accordance to ConeTec's CPTu operating procedures which are in general accordance with the current ASTM D5778 standard.

Prior to the start of a CPTu sounding a suitable cone is selected, the cone and data acquisition system are powered on, the pore pressure system is saturated with silicone oil and the baseline readings are recorded with the cone hanging freely in a vertical position.

The CPTu is conducted at a steady rate of two centimeters per second, within acceptable tolerances. Typically one meter length rods with an outer diameter of 1.5 inches (38.1 millimeters) are added to advance the cone to the sounding termination depth. After cone retraction final baselines are recorded.

Additional information pertaining to ConeTec's cone penetration testing procedures:

- Each filter is saturated in silicone oil under vacuum pressure prior to use
- Baseline readings are compared to previous readings
- Soundings are terminated at the client's target depth or at a depth where an obstruction is encountered, excessive rod flex occurs, excessive inclination occurs, equipment damage is likely to take place, or a dangerous working environment arises
- Differences between initial and final baselines are calculated to ensure zero load offsets have not occurred and to ensure compliance with ASTM standards

The interpretation of piezocone data for this report is based on the corrected tip resistance (q_t), sleeve friction (f_s) and pore water pressure (u). The interpretation of soil type is based on the correlations developed by Robertson et al. (1986) and Robertson (1990, 2009). It should be noted that it is not always possible to accurately identify a soil behavior type based on these parameters. In these situations, experience, judgment and an assessment of other parameters may be used to infer soil behavior type.

The recorded tip resistance (q_c) is the total force acting on the piezocone tip divided by its base area. The tip resistance is corrected for pore pressure effects and termed corrected tip resistance (q_t) according to the following expression presented in Robertson et al. (1986):

$$q_t = q_c + (1\text{-}a) \bullet u_2$$

where: q_t is the corrected tip resistance
q_c is the recorded tip resistance
u_2 is the recorded dynamic pore pressure behind the tip (u_2 position)
a is the Net Area Ratio for the piezocone (0.8 for ConeTec probes)

The sleeve friction (f_s) is the frictional force on the sleeve divided by its surface area. As all ConeTec piezocones have equal end area friction sleeves, pore pressure corrections to the sleeve data are not required.

The dynamic pore pressure (u) is a measure of the pore pressures generated during cone penetration. To record equilibrium pore pressure, the penetration must be stopped to allow the dynamic pore pressures to stabilize. The rate at which this occurs is predominantly a function of the permeability of the soil and the diameter of the cone.

The friction ratio (R_f) is a calculated parameter. It is defined as the ratio of sleeve friction to the tip resistance expressed as a percentage. Generally, saturated cohesive soils have low tip resistance, high friction ratios and generate large excess pore water pressures. Cohesionless soils have higher tip resistances, lower friction ratios and do not generate significant excess pore water pressure.

A summary of the CPTu soundings along with test details and individual plots are provided in the appendices. A set of files with calculated geotechnical parameters were generated for each sounding based on published correlations and are provided in Excel format in the data release folder. Information regarding the methods used is also included in the data release folder.

For additional information on CPTu interpretations and calculated geotechnical parameters, refer to Robertson et al. (1986), Lunne et al. (1997), Robertson (2009), Mayne (2013, 2014) and Mayne and Peuchen (2012).

Shear wave velocity (Vs) testing is performed in conjunction with the piezocone penetration test (SCPTu) in order to collect interval velocities. For some projects seismic compression wave velocity (Vp) testing is also performed.

ConeTec's piezocone penetrometers are manufactured with one horizontally active geophone (28 hertz) and one vertically active geophone (28 hertz). Both geophones are rigidly mounted in the body of the cone penetrometer, 0.2 meters behind the cone tip. The vertically mounted geophone is more sensitive to compression waves.

Shear waves are typically generated by using an impact hammer horizontally striking a beam that is held in place by a normal load. In some instances, an auger source or an imbedded impulsive source may be used for both shear waves and compression waves. The hammer and beam act as a contact trigger that initiates the recording of the seismic wave traces. For impulsive devices an accelerometer trigger may be used. The traces are recorded in the memory of the cone using a fast analog to digital converter. The seismic trace is then transmitted digitally uphole to a Windows based computer through a signal interface box for recording and analysis. An illustration of the shear wave testing configuration is presented in Figure SCPTu-1.

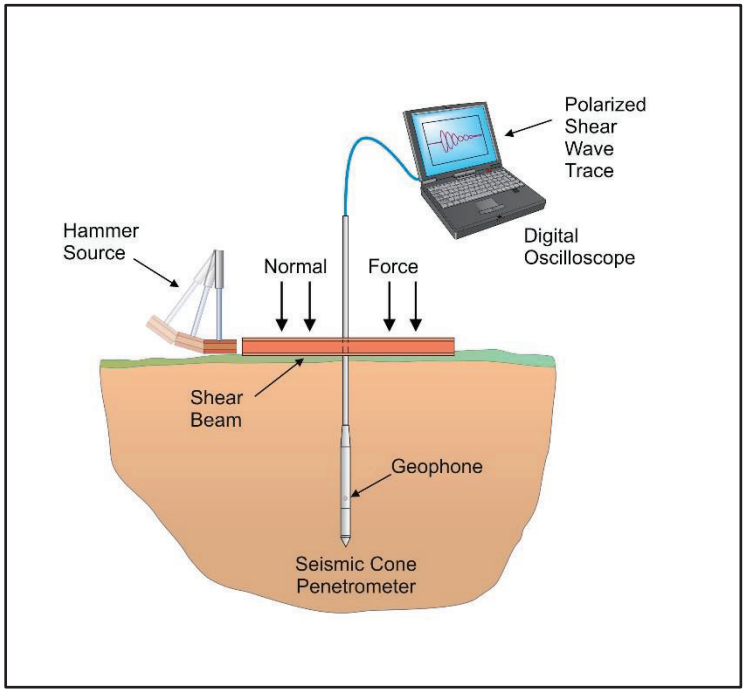


Figure SCPTu-1. Illustration of the SCPTu system

All testing is performed in accordance to ConeTec's SCPTu operating procedures which are in general accordance with the current ASTM D5778 and ASTM D7400 standards.

Prior to the start of a SCPTu sounding, the procedures described in the Cone Penetration Test section are followed. In addition, the active axis of the geophone is aligned parallel to the beam (or source) and the horizontal offset between the cone and the source is measured and recorded.

Prior to recording seismic waves at each test depth, cone penetration is stopped and the rods are decoupled from the rig to avoid transmission of rig energy down the rods. Typically, five wave traces for

each orientation are recorded for quality control and uncertainty analysis purposes. After reviewing wave traces for consistency the cone is pushed to the next test depth (typically one meter intervals or as requested by the client). Figure SCPTu-2 presents an illustration of a SCPTu test.

For additional information on seismic cone penetration testing refer to Robertson et al. (1986).

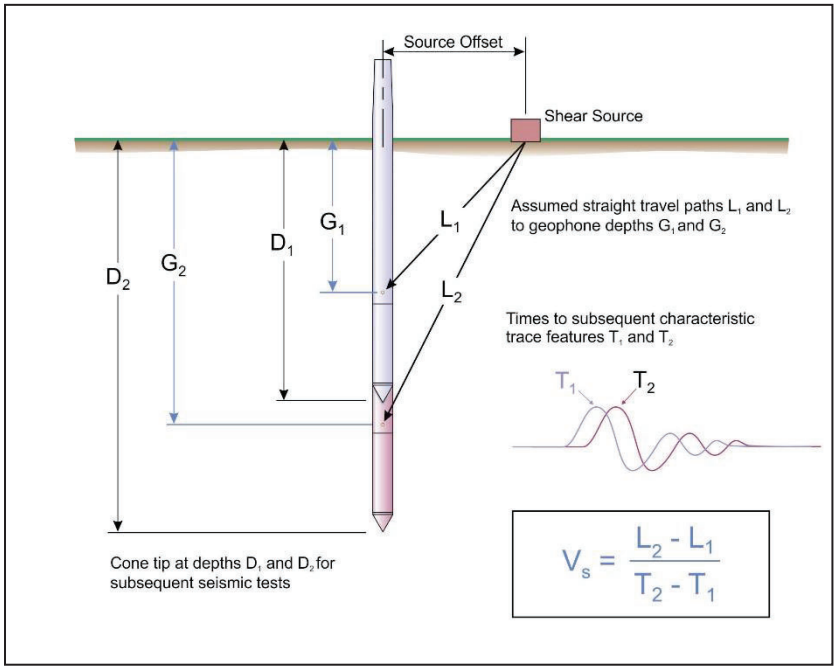


Figure SCPTu-2. Illustration of a seismic cone penetration test

Calculation of the interval velocities are performed by visually picking a common feature (e.g. the first characteristic peak, trough, or crossover) on all of the recorded wave sets and taking the difference in ray path divided by the time difference between subsequent features. Ray path is defined as the straight line distance from the seismic source to the geophone, accounting for beam offset, source depth and geophone offset from the cone tip.

For all SCPTu soundings that have achieved a depth of at least 100 feet (30 meters), the average shear wave velocity to a depth of 100 feet ($\bar{v}_s$) has been calculated and provided for all applicable soundings using the following equation presented in ASCE (2010).

$$\bar{v}_s = \frac{\sum_{i=1}^{n} d_i}{\sum_{i=1}^{n} \frac{d_i}{v_{si}}}$$

where: $\bar{v}_s$ = average shear wave velocity ft/s (m/s)
d_i = the thickness of any layer between 0 and 100 ft (30 m)
v_{si} = the shear wave velocity in ft/s (m/s)
$\sum_{i=1}^{n} d_i$ = the total thickness of all layers between 0 and 100 ft (30 m)

Average shear wave velocity, $\bar{v}_s$ is also referenced to V_{s100} or V_{s30}.

The layer travel times refers to the travel times propagating in the vertical direction, not the measured travel times from an offset source.

Tabular results and SCPTu plots are presented in the relevant appendix.

The cone penetration test is halted at specific depths to carry out pore pressure dissipation (PPD) tests, shown in Figure PPD-1. For each dissipation test the cone and rods are decoupled from the rig and the data acquisition system measures and records the variation of the pore pressure (u) with time (t).

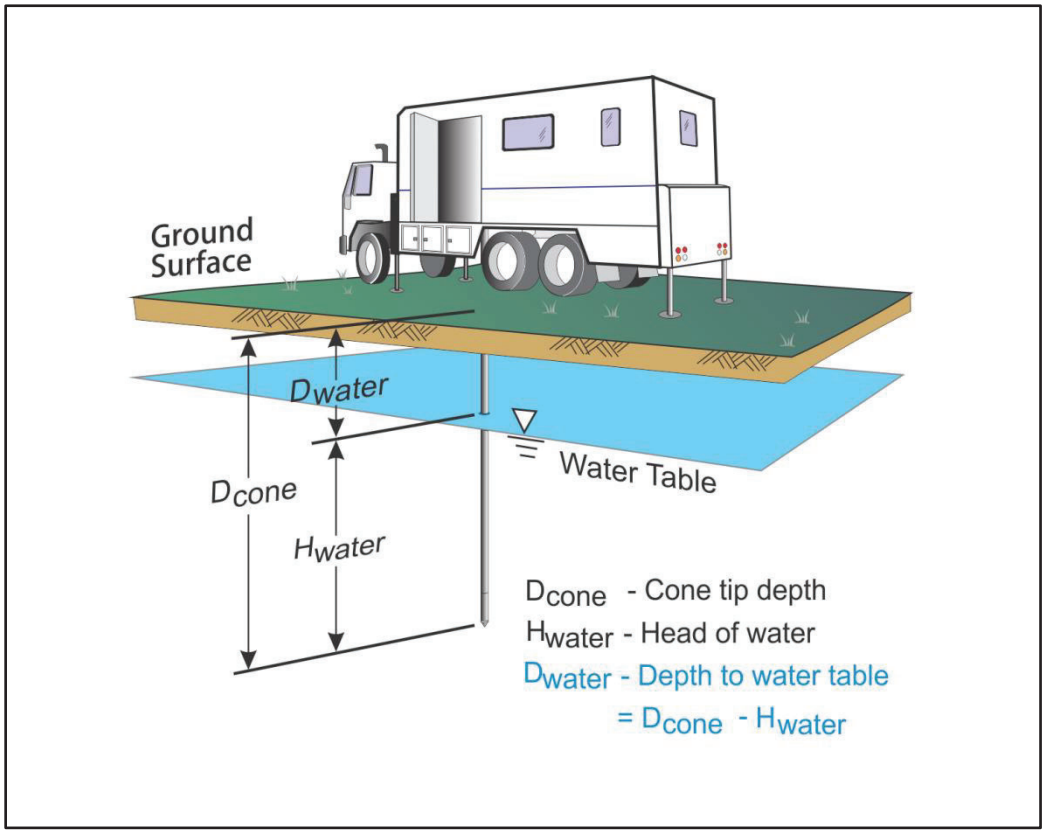


Figure PPD-1. Pore pressure dissipation test setup

Pore pressure dissipation data can be interpreted to provide estimates of ground water conditions, permeability, consolidation characteristics and soil behavior.

The typical shapes of dissipation curves shown in Figure PPD-2 are very useful in assessing soil type, drainage, in situ pore pressure and soil properties. A flat curve that stabilizes quickly is typical of a freely draining sand. Undrained soils such as clays will typically show positive excess pore pressure and have long dissipation times. Dilative soils will often exhibit dynamic pore pressures below equilibrium that then rise over time. Overconsolidated fine-grained soils will often exhibit an initial dilatory response where there is an initial rise in pore pressure before reaching a peak and dissipating.

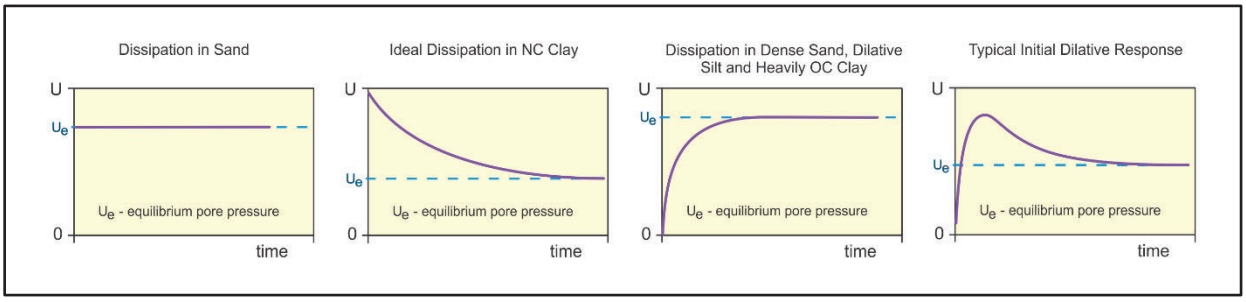


Figure PPD-2. Pore pressure dissipation curve examples

In order to interpret the equilibrium pore pressure (u_{eq}) and the apparent phreatic surface, the pore pressure should be monitored until such time as there is no variation in pore pressure with time as shown for each curve in Figure PPD-2.

In fine grained deposits the point at which 100% of the excess pore pressure has dissipated is known as t_{100}. In some cases this can take an excessive amount of time and it may be impractical to take the dissipation to t_{100}. A theoretical analysis of pore pressure dissipations by Teh and Houlsby (1991) showed that a single curve relating degree of dissipation versus theoretical time factor (T*) may be used to calculate the coefficient of consolidation (c_h) at various degrees of dissipation resulting in the expression for c_h shown below.

$$c_h = \frac{T^* \cdot a^2 \cdot \sqrt{I_r}}{t}$$

Where:
T* is the dimensionless time factor (Table Time Factor)
a is the radius of the cone
I_r is the rigidity index
t is the time at the degree of consolidation

Table Time Factor. T* versus degree of dissipation (Teh and Houlsby (1991))

Degree of Dissipation (%)	20	30	40	50	60	70	80
T* (u_2)	0.038	0.078	0.142	0.245	0.439	0.804	1.60

The coefficient of consolidation is typically analyzed using the time (t_{50}) corresponding to a degree of dissipation of 50% (u_{50}). In order to determine t_{50}, dissipation tests must be taken to a pressure less than u_{50}. The u_{50} value is half way between the initial maximum pore pressure and the equilibrium pore pressure value, known as u_{100}. To estimate u_{50}, both the initial maximum pore pressure and u_{100} must be known or estimated. Other degrees of dissipations may be considered, particularly for extremely long dissipations.

At any specific degree of dissipation the equilibrium pore pressure (u at t_{100}) must be estimated at the depth of interest. The equilibrium value may be determined from one or more sources such as measuring the value directly (u_{100}), estimating it from other dissipations in the same profile, estimating the phreatic surface and assuming hydrostatic conditions, from nearby soundings, from client provided information, from site observations and/or past experience, or from other site instrumentation.

For calculations of c_h (Teh and Houlsby (1991)), t_{50} values are estimated from the corresponding pore pressure dissipation curve and a rigidity index (I_r) is assumed. For curves having an initial dilatory response in which an initial rise in pore pressure occurs before reaching a peak, the relative time from the peak value is used in determining t_{50}. In cases where the time to peak is excessive, t_{50} values are not calculated.

Due to possible inherent uncertainties in estimating I_r, the equilibrium pore pressure and the effect of an initial dilatory response on calculating t_{50}, other methods should be applied to confirm the results for c_h.

Additional published methods for estimating the coefficient of consolidation from a piezocone test are described in Burns and Mayne (1998, 2002), Jones and Van Zyl (1981), Robertson et al. (1992) and Sully et al. (1999).

A summary of the pore pressure dissipation tests and dissipation plots are presented in the relevant appendix.

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Robertson, P.K., Sully, J.P., Woeller, D.J., Lunne, T., Powell, J.J.M. and Gillespie, D.G., 1992, “Estimating coefficient of consolidation from piezocone tests”, Canadian Geotechnical Journal, 29(4): 539-550. DOI: 10.1139/T92-061.

Robertson, P.K., 2009, “Interpretation of cone penetration tests – a unified approach”, Canadian Geotechnical Journal, Volume 46: 1337-1355. DOI: 10.1139/T09-065.

Sully, J.P., Robertson, P.K., Campanella, R.G. and Woeller, D.J., 1999, “An approach to evaluation of field CPTU dissipation data in overconsolidated fine-grained soils”, Canadian Geotechnical Journal, 36(2): 369-381. DOI: 10.1139/T98-105.

Teh, C.I., and Houlsby, G.T., 1991, “An analytical study of the cone penetration test in clay”, Geotechnique, 41(1): 17-34. DOI: 10.1680/geot.1991.41.1.17.

CONE PENETRATION DIGITAL FILE FORMATS - eSeries

CPT Data Files (COR Extension)

ConeTec CPT data files are stored in ASCII text files that are readable by almost any text editor. ConeTec file names start with the job number (which includes the two digit year number) an underscore as a separating character, followed by two letters based on the type of test and the sounding ID. The last character position is reserved for an identifier letter (such as b, c, d etc) used to uniquely distinguish multiple soundings at the same location. The CPT sounding file has the extension COR. As an example, for job number 21-02-00001 the first CPT sounding will have file name 21-02-00001_CP01.COR

The sounding (COR) file consists of the following components:

1. Two lines of header information
2. Data records
3. End of data marker
4. Units information

Header Lines

Line 1: Columns 1-6 may be blank or may indicate the version number of the recording software
Columns 7-21 contain the sounding Date and Time (Date is MM:DD:YY)
Columns 23-38 contain the sounding Operator
Columns 51-100 contain extended Job Location information

Line 2: Columns 1-16 contain the Job Location
Columns 17-32 contain the Cone ID
Columns 33-47 contain the sounding number
Columns 51-100 may contain extended sounding ID information

Data Records

The data records contain 4 or more columns of data in floating point format. A comma and spaces separate each data item:

Column 1: Sounding Depth (meters)
Column 2: Tip (q_c), recorded in units selected by the operator
Column 3: Sleeve (f_s), recorded in units selected by the operator
Column 4: Dynamic pore pressure (u), recorded in units selected by the operator
Column 5: Empty or may contain other requested data such as Gamma, Resistivity or UVIF data

End of Data Marker

After the last line of data there is a line containing an ASCII 26 (CTL-Z) character (small rectangular shaped character) followed by a newline (carriage return / line feed). This is used to mark the end of data.

Units Information

The last section of the file contains information about the units that were selected for the sounding. A separator bar makes up the first line. The second line contains the type of units used for depth, q_c, f_s and u. The third line contains the conversion values required for ConeTec's software to convert the recorded data to an internal set of base units (bar for q_c, bar for f_s and meters for u). Additional lines intended for internal ConeTec use may appear following the conversion values.

CPT Data Files (XLS Extension)

Excel format files of ConeTec CPT data are also generated from corresponding COR files. The XLS files have the same base file name as the COR file with a -BSC suffix. The information in the file is presented in table format and contains additional information about the sounding such as coordinate information, and tip net area ratio.

The BSCI suffix is given to XLS files which are enhanced versions of the BSC files and include the same data records in addition to inclination data collected for each sounding.

CPT Dissipation Files (XLS Extension)

Pore pressure dissipation files are provided in Excel format and contain each dissipation trace that exceeds a minimum duration (selected during post-processing) formatted column wise within the spreadsheet. The first column (Column A) contains the time in seconds and the second column (Column B) contains the time in minutes. Subsequent columns contain the dissipation trace data. The columns extend to the longest trace of the data set.

Detailed header information is provided at the top of the worksheet. The test depth in meters and feet, the number of points in the trace and the particular units are all presented at the top of each trace column.

CPT Dissipation files have the same naming convention as the CPT sounding files with a "–PPD" suffix.

Data Records

Each file will contain dissipation traces that exceed a minimum duration (selected during post-processing) in a particular column. The dissipation pore pressure values are typically recorded at varying time intervals throughout the trace; rapidly to start and increasing as the duration of the test lengthens. The test depth in meters and feet, the number of points in the trace and the trace number are identified at the top of each trace column.

Cone Type Designations

Cone ID	Cone Description	Tip Cross Sect. Area (cm^2)	Tip Capacity (bar)	Sleeve Area (cm^2)**	Sleeve Capacity (bar)	Pore Pressure Capacity (bar)
EC###	A15T1500F15U35	15	1500	225	15	35
EC###	A15T375F10U35	15	375	225	10	35
EC###	A10T1000F10U35	10	1000	150	10	35

refers to the Cone ID number
**Outer Cylindrical Area

Description of Methods for Calculated CPT Geotechnical Parameters

CONETEC

CALCULATED CPT GEOTECHNICAL PARAMETERS

A Detailed Description of the Methods Used in ConeTec's CPT Geotechnical Parameter Calculation and Plotting Software

Revision SZW-Rev 14

Revised November 26, 2019
Prepared by Jim Greig, M.A.Sc, P.Eng (BC)

CONETEC

Limitations

The geotechnical parameter output was prepared specifically for the site and project named in the accompanying report subject to objectives, site conditions and criteria provided to ConeTec by the client. The output may not be relied upon by any other party or for any other site without the express written permission of ConeTec Group (ConeTec) or any of its affiliates. For this project, ConeTec has provided site investigation services, prepared factual data reporting and produced geotechnical parameter calculations consistent with current best practices. No other warranty, expressed or implied, is made.

To understand the calculations that have been performed and to be able to reproduce the calculated parameters the user is directed to the basic descriptions for the methods in this document and the detailed descriptions and their associated limitations and appropriateness in the technical references cited for each parameter.

ConeTec's Calculated CPT Geotechnical Parameters as of November 26, 2019

ConeTec's CPT parameter calculation and plotting routine provides a tabular output of geotechnical parameters based on current published CPT correlations and is subject to change to reflect the current state of practice. Due to drainage conditions and the basic assumptions and limitations of the correlations, not all geotechnical parameters provided are considered applicable for all soil types. The results are presented only as a guide for geotechnical use and should be carefully examined for consideration in any geotechnical design. Reference to current literature is strongly recommended. ConeTec does not warranty the correctness or the applicability of any of the geotechnical parameters calculated by the program and does not assume liability for any use of the results in any design or review. For verification purposes we recommend that representative hand calculations be done for any parameter that is critical for design purposes. The end user of the parameter output should also be fully aware of the techniques and the limitations of any method used by the program. The purpose of this document is to inform the user as to which methods were used and to direct the end user to the appropriate technical papers and/or publications for further reference.

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The CPT calculations are based on values of tip resistance, sleeve friction and pore pressures considered at each data point or averaged over a user specified layer thickness (e.g. 0.20 m). Note that q_t is the tip resistance corrected for pore pressure effects and q_c is the recorded tip resistance. The corrected tip resistance (corrected using u_2 pore pressure values) is used for all of the calculations. Since all ConeTec cones have equal end area friction sleeves pore pressure corrections to sleeve friction, f_s, are not required.

The tip correction is: $q_t = q_c + (1-a) \bullet u_2$ (consistent units are implied)

where: q_t is the corrected tip resistance
q_c is the recorded tip resistance
u_2 is the recorded dynamic pore pressure behind the tip (u_2 position)
a is the Net Area Ratio for the cone (typically 0.80 for ConeTec cones)

The total stress calculations are based on soil unit weight values that have been assigned to the Soil Behavior Type (SBT) zones, from a user defined unit weight profile, by using a single uniform value throughout the profile, through unit weight estimation techniques described in various technical papers or from a combination of these methods. The parameter output files indicate the method(s) used.

Effective vertical overburden stresses are calculated based on a hydrostatic distribution of equilibrium pore pressures below the water table or from a user defined equilibrium pore pressure profile (typically obtained from CPT dissipation tests) or a combination of the two. For over water projects the stress effects of the column of water above the mudline have been taken into account as has the appropriate unit weight of water. How this is done depends on where the instruments were zeroed (i.e. on deck or at the mudline). The parameter output files indicate the method(s) used.

A majority of parameter calculations are derived or driven by results based on material types as determined by the various soil behavior type charts depicted in Figures 1 through 5. The parameter output files indicate the method(s) used.

The Soil Behavior Type classification chart shown in Figure 1 is the classic non-normalized SBT Chart developed at the University of British Columbia and reported in Robertson, Campanella, Gillespie and Greig (1986). Figure 2 shows the original normalized (linear method) SBT chart developed by Robertson (1990). The Bq classification charts shown in Figures 3a and 3b incorporate pore pressures into the SBT classification and are based on the methods described in Robertson (1990). Many of these charts have been summarized in Lunne, Robertson and Powell (1997). The

Jefferies and Davies SBT chart shown in Figure 3c is based on the techniques discussed in Jefferies and Davies (1993) which introduced the concept of the Soil Behavior Type Index parameter, I_c. Please note that the I_c parameter developed by Robertson and Fear (1995) and Robertson and Wride (1998) is similar in concept but uses a slightly different calculation method than that used by Jefferies and Davies (1993) as the latter incorporates pore pressure in their technique through the use of the Bq parameter. The normalized Qtn SBT chart shown in Figure 4 is based on the work by Robertson (2009) utilizing a variable stress ratio exponent, n, for normalization based on a slightly modified redefinition and iterative approach for I_c. The boundary curves drawn on the chart are based on the work described in Robertson (2010).

Figure 5 shows a revised behavior based chart by Robertson (2016) depicting contractive-dilative zones. As the zones represent material behavior rather than soil gradation ConeTec has chosen a set of zone colors that are less likely to be confused with material type colors from previous SBT charts. These colors differ from those used by Dr. Robertson.

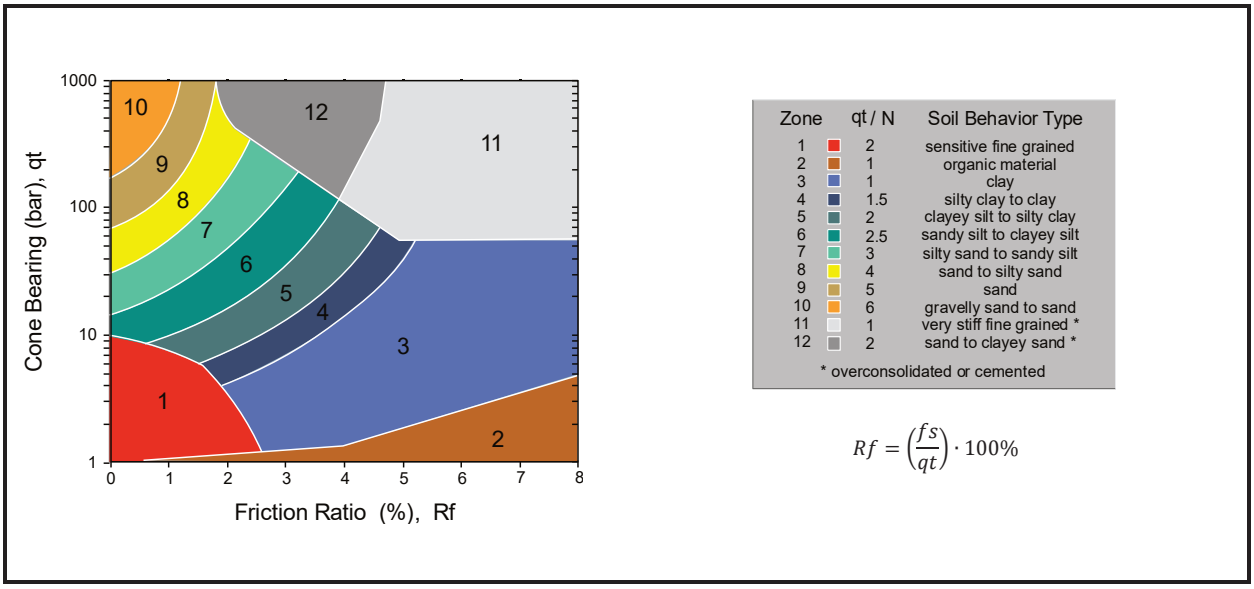

Figure 1. Non-Normalized Soil Behavior Type Classification Chart (SBT)

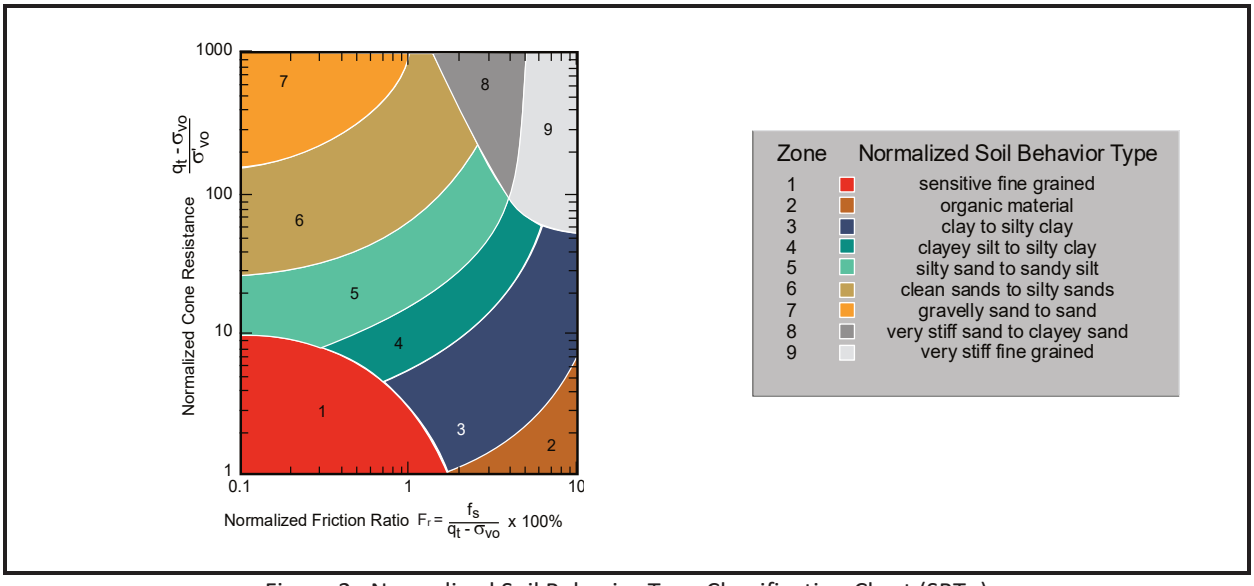

Figure 2. Normalized Soil Behavior Type Classification Chart (SBTn)

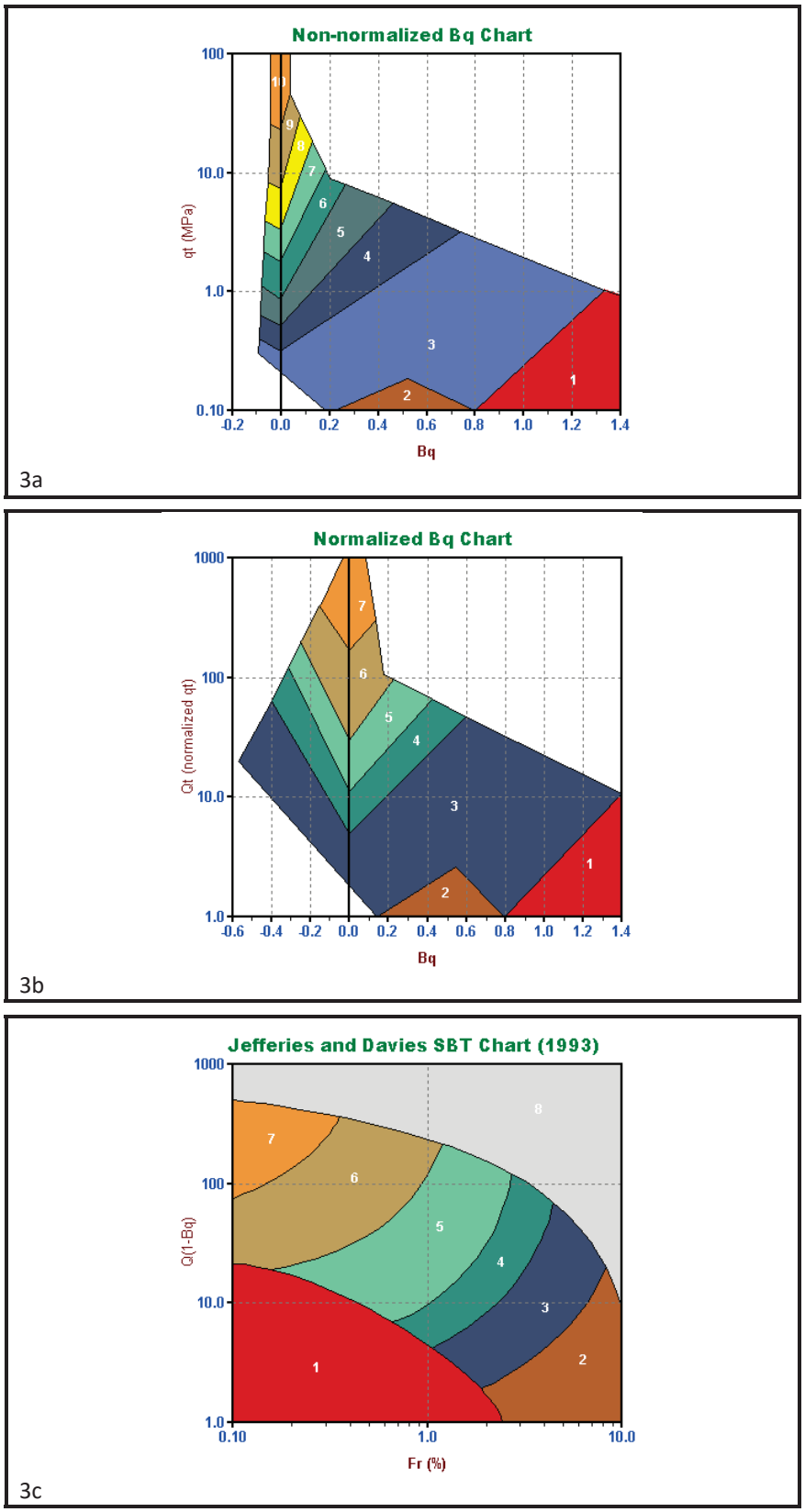

Figure 3. Alternate Soil Behavior Type Charts

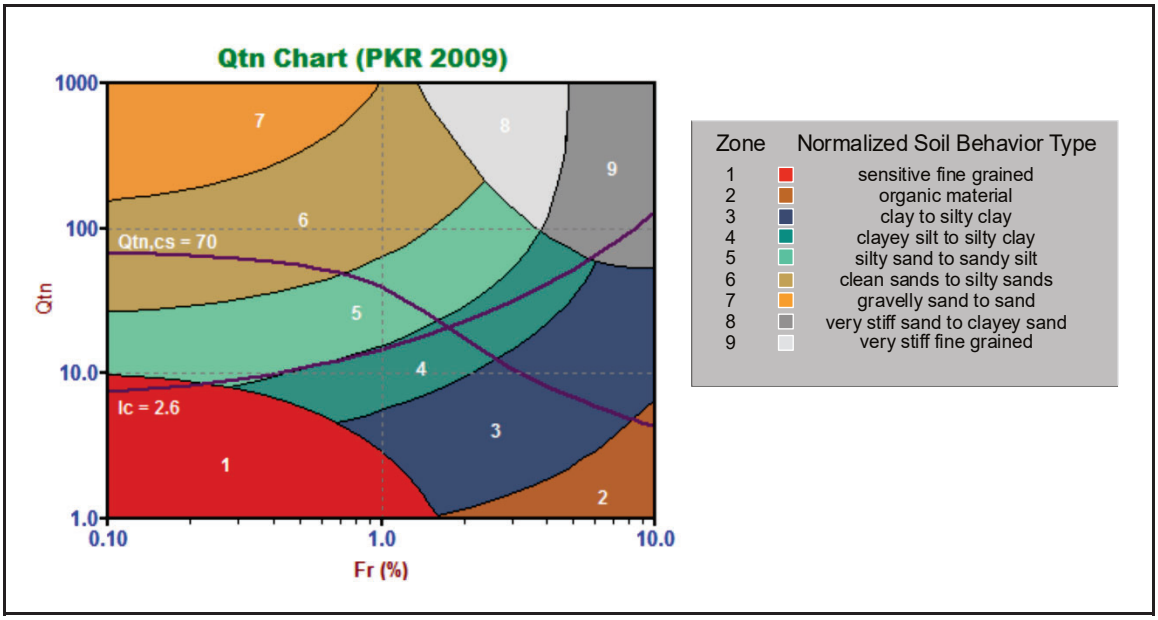

Figure 4. Normalized Soil Behavior Type Chart using Q_{tn} (SBT Qtn)

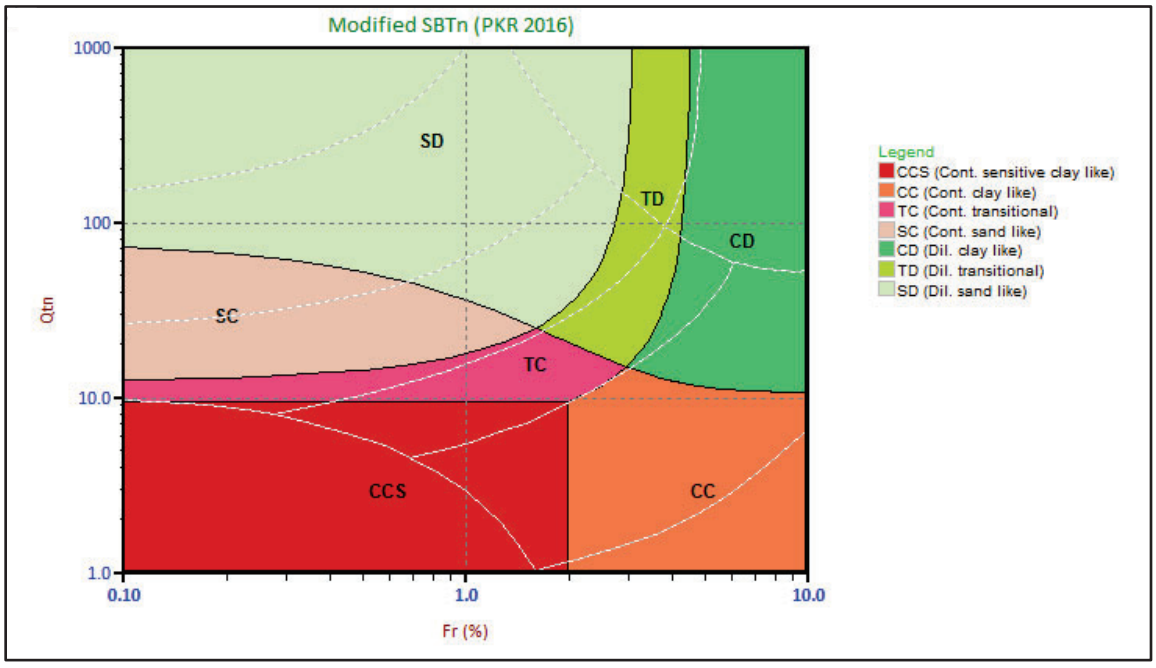

Figure 5. Modified SBTn Behavior Based Chart

Details regarding the geotechnical parameter calculations are provided in Tables 1a and 1b. The appropriate references cited are listed in Table 2. Non-liquefaction specific parameters are detailed in Table 1a and liquefaction specific parameters are detailed in Table 1b.

Where methods are based on charts or techniques that are too complex to describe in this summary the user should refer to the cited material. Specific limitations for each method are described in the cited material.

Where the results of a calculation/correlation are deemed *'invalid'* the value will be represented by the text strings "-9999", "-9999.0", the value 0.0 (Zero) or an empty cell. Invalid results will occur because of (and not limited to) one or a combination of:

1. Invalid or undefined CPT data (e.g. drilled out section or data gap).

2. Where the calculation method is inappropriate, for example, drained parameters in a material behaving as an undrained material (and vice versa).

3. Where input values are beyond the range of the referenced charts or specified limitations of the correlation method.

4. Where pre-requisite or intermediate parameter calculations are invalid.

The parameters selected for output from the program are often specific to a particular project. As such, not all of the calculated parameters listed in Table 1 may be included in the output files delivered with this report.

The output files are typically provided in Microsoft Excel XLS or XLSX format. The ConeTec software has several options for output depending on the number or types of calculated parameters desired or requested by the client. Each output file is named using the original COR file base name followed by a three or four letter indicator of the output set selected (e.g. BSC, TBL, NLI, NL2, IFI, IFI2) and possibly followed by an operator selected suffix identifying the characteristics of the particular calculation run.

Table 1a. CPT Parameter Calculation Methods – Non liquefaction Parameters

Calculated Parameter	Description	Equation	Ref
Depth	Mid Layer Depth *(where calculations are done at each point then Mid Layer Depth = Recorded Depth)*	*[Depth (Layer Top) + Depth (Layer Bottom)]/ 2.0*	CK*
Elevation	Elevation of Mid Layer based on sounding collar elevation supplied by client or through site survey	Elevation = Collar Elevation - Depth	CK*
Avg qc	Averaged recorded tip value (q_c)	$Avgqc = \frac{1}{n}\sum_{i=1}^{n} q_c$ *n=1 when calculations are done at each point*	CK*
Avg qt	Averaged corrected tip (q_t) where: $q_t = q_c + (1-a) \bullet u_2$	$Avgqt = \frac{1}{n}\sum_{i=1}^{n} q_t$ *n=1 when calculations are done at each point*	1
Avg fs	Averaged sleeve friction (f_s)	$Avgfs = \frac{1}{n}\sum_{i=1}^{n} fs$ *n=1 when calculations are done at each point*	CK*
Avg Rf	Averaged friction ratio (R_f) where friction ratio is defined as: $Rf = 100\% \bullet \frac{fs}{q_t}$	$AvgRf = 100\% \cdot \frac{Avgfs}{Avgqt}$ *n=1 when calculations are done at each point*	CK*
Avg u	Averaged dynamic pore pressure *(u)*	$Avgu = \frac{1}{n}\sum_{i=1}^{n} u_i$ *n=1 when calculations are done at each point*	CK*

Calculated Parameter	Description	Equation	Ref
Avg Res	Averaged Resistivity (this data is not always available since it is a specialized test requiring an additional module)	$AvgRes = \frac{1}{n}\sum_{i=1}^{n} Resistivity_i$ *n=1 when calculations are done at each point*	CK*
Avg UVIF	Averaged UVIF ultra-violet induced fluorescence (this data is not always available since it is a specialized test requiring an additional module)	$AvgUVIF = \frac{1}{n}\sum_{i=1}^{n} UVIF_i$ *n=1 when calculations are done at each point*	CK*
Avg Temp	Averaged Temperature (this data is not always available since it requires specialized calibrations)	$AvgTemp = \frac{1}{n}\sum_{i=1}^{n} Temperature_i$ *n=1 when calculations are done at each point*	CK*
Avg Gamma	Averaged Gamma Counts (this data is not always available since it is a specialized test requiring an additional module)	$AvgGamma = \frac{1}{n}\sum_{i=1}^{n} Gamma_i$ *n=1 when calculations are done at each point*	CK*
SBT	Soil Behavior Type as defined by Robertson et al 1986 (often referred to as Robertson and Campanella, 1986)	See Figure 1	1, 5
SBTn	Normalized Soil Behavior Type as defined by Robertson 1990 (linear normalization)	See Figure 2	2, 5
SBT-Bq	Non-normalized Soil Behavior type based on the Bq parameter	See Figure 3	1, 2, 5
SBT-Bqn	Normalized Soil Behavior based on the Bq parameter	See Figure 3	2, 5
SBT-JandD	Soil Behavior Type as defined by Jeffries and Davies	See Figure 3	7
SBT Qtn	Soil Behavior Type as defined by Robertson (2009) using a variable stress ratio exponent for normalization based on I_c	See Figure 4	15
Modified SBTn (contractive /dilative)	Modified SBTn chart as defined by Robertson (2016) indicating zones of contractive/dilative behavior.	See Figure 5	30
Unit Wt.	Unit Weight of soil determined from one of the following user selectable options: 1) uniform value 2) value assigned to each SBT zone 3) value assigned to each SBTn zone 4) value assigned to SBTn zone as determined from Robertson and Wride (1998) based on q_{c1n} 5) values assigned to SBT Qtn zones 6) Mayne fs (sleeve friction) method 7) Robertson 2010 method 8) user supplied unit weight profile The last option may co-exist with any of the other options	See references	3, 5, 15, 21, 24, 29

Calculated Parameter	Description	Equation	Ref
TStress σ_v	Total vertical overburden stress at Mid Layer Depth *A layer is defined as the averaging interval specified by the user where depths are reported at their respective mid-layer depth.* *For data calculated at each point layers are defined using the recorded depth as the mid-point of the layer. Thus, a layer starts half-way between the previous depth and the current depth unless this is the first point in which case the layer start is at zero depth. The layer bottom is half-way from the current depth to the next depth unless it is the last data point.* *Defining layers affects how stresses are calculated since the unit weight attributed to a data point is used throughout the entire layer. This means that to calculate the stresses the total stress at the top and bottom of a layer are required. The stress at mid layer is determined by adding the incremental stress from the layer top to the mid-layer depth. The stress at the layer bottom becomes the stress at the top of the subsequent layer. Stresses are NOT calculated from mid-point to mid-point.* *For over-water work the total stress due to the column of water above the mud line is taken into account where appropriate.*	$TStress = \sum_{i=1}^{n} \gamma_i h_i$ *where* γ_i is layer unit weight h_i is layer thickness	CK*
EStress σ_v'	Effective vertical overburden stress at mid-layer depth	$\sigma_v' = \sigma_v - u_{eq}$	CK*
Equil u u_{eq} or u_0	Equilibrium pore pressure determined from one of the following user selectable options: 1) hydrostatic below water table 2) user supplied profile 3) combination of those above When a user supplied profile is used/provided a linear interpolation is performed between equilibrium pore pressures defined at specific depths. If the profile values start below the water table then a linear transition from zero pressure at the water table to the first defined pointed is used. Equilibrium pore pressures may come from dissipation tests, adjacent piezometers or other sources. Occasionally, an extra equilibrium point ("assumed value") will be provided in the profile that does not come from a recorded value to smooth out any abrupt changes or to deal with material interfaces. These "assumed" values will be indicated on our plots and in tabular summaries.	For hydrostatic option: $u_{eq} = \gamma_w \cdot (D - D_{wt})$ where u_{eq} is equilibrium pore pressure γ_w is unit weight of water D is the current depth D_{wt} is the depth to the water table	CK*
K_0	Coefficient of earth pressure at rest, K_0	$K_0 = (1 - \sin\Phi') OCR^{\sin\Phi'}$	17
C_n	Overburden stress correction factor used for $(N_1)_{60}$ and older CPT parameters	$C_n = (P_a/\sigma_v')^{0.5}$ where $0.0 < C_n < 2.0$ *(user adjustable, typically 1.7)* P_a *is atmospheric pressure (100 kPa)*	12
C_q	Overburden stress normalizing factor	$C_q = 1.8 / (0.8 + (\sigma_v'/P_a))$ where $0.0 < C_q < 2.0$ *(user adjustable)* P_a *is atmospheric pressure (100 kPa)*	3, 12

Calculated Parameter	Description	Equation	Ref
N_{60}	SPT N value at 60% energy calculated from q_t/N ratios assigned to each SBT zone. This method has abrupt N value changes at zone boundaries.	*See Figure 1*	5
(N1)60	SPT N_{60} value corrected for overburden pressure	$(N_1)_{60} = C_n \bullet N_{60}$	4
N60Ic	SPT N_{60} values based on the I_c parameter [as defined by Roberston and Wride 1998 (5), or by Robertson 2009 (15)].	$(q_t/P_a)/ N_{60} = 8.5 (1 – I_c/4.6)$ $(q_t/P_a)/ N_{60} = 10^{(1.1268 – 0.2817Ic)}$ Pa being atmospheric pressure	5 15, 31
(N1)60Ic	SPT N_{60} value corrected for overburden pressure (using N_{60} I_c). User has 3 options.	1) $(N_1)_{60}Ic= C_n \bullet (N_{60} I_c)$ 2) $q_{c1n}/ (N_1)_{60}I_c = 8.5 (1 – I_c/4.6)$ 3) $(Q_{tn})/ (N_1)_{60}I_c = 10^{(1.1268 – 0.2817Ic)}$	4 5 15, 31
Su or Su (Nkt)	Undrained shear strength based on q_t S_u factor N_{kt} is user selectable	$Su = \frac{qt - \sigma_v}{N_{kt}}$	1, 5
Su or Su (Ndu)	Undrained shear strength based on pore pressure S_u factor $N_{\Delta u}$ is user selectable	$Su = \frac{u_2 - u_{eq}}{N_{\Delta u}}$	1, 5
Dr	Relative Density determined from one of the following user selectable options: a) Ticino Sand b) Hokksund Sand c) Schmertmann (1978) d) Jamiolkowski (1985) - All Sands e) Jamiolkowski et al (2003) (various compressibilities, K_o)	See reference (methods a through d) Jamiolkowski et al (2003) reference	5 14
PHI ϕ	Friction Angle determined from one of the following user selectable options (methods a through d are for sands and method e is for silts and clays): a) Campanella and Robertson b) Durgunoglu and Mitchel c) Janbu d) Kulhawy and Mayne e) NTH method (clays and silts)	See appropriate reference	5 5 5 11 23
Delta U/qt	Differential pore pressure ratio (older parameter used before B_q was established)	$= \frac{\Delta u}{qt}$ *where:* $\Delta u = u - u_{eq}$ *and* u = dynamic pore pressure u_{eq} = equilibrium pore pressure	CK*
Bq	Pore pressure parameter	$Bq = \frac{\Delta u}{qt - \sigma_v}$ where : $\Delta u = u - u_{eq}$ *and* u = dynamic pore pressure u_{eq} = equilibrium pore pressure	1, 2, 5
Net qt or qtNet	Net tip resistance (used in many subsequent correlations)	$qt - \sigma_v$	CK*
qe	Effective tip resistance (using the dynamic pore pressure u_2 and not equilibrium pore pressure)	$qt - u_2$	CK*

Calculated Parameter	Description	Equation	Ref
qeNorm	Normalized effective tip resistance	$\frac{qt-u_2}{\sigma_v}$	CK*
Q_t or Norm: Qt	Normalized q_t for Soil Behavior Type classification as defined by Robertson (1990) using a linear stress normalization. Note this is different from Q_{tn}.	$Qt=\frac{qt-\sigma_v}{\sigma_v}$	2, 5
F_r or Norm: Fr	Normalized Friction Ratio for Soil Behavior Type classification as defined by Robertson (1990)	$Fr=100\%\cdot\frac{fs}{qt-\sigma_v}$	2, 5
Q(1-Bq)	Q(1-Bq) grouping as suggested by Jefferies and Davies for their classification chart and the establishment of their I_c parameter	$Q\cdot(1-Bq)$ *where Bq is defined as above and Q is the same as the normalized tip resistance, Q_t, defined above*	6, 7
qc1	Normalized tip resistance, q_{c1}, using a fixed stress ratio exponent, n (this method has stress units)	$q_{c1} = q_t \cdot (Pa/\sigma_v')^{0.5}$ where: Pa = atmospheric pressure	21
qc1 (0.5)	Normalized tip resistance, q_{c1}, using a fixed stress ratio exponent, n (this method is unit-less)	$q_{c1}\ (0.5)= (q_t/P_a) \cdot (Pa/\sigma_v')^{0.5}$ where: Pa = atmospheric pressure	5
qc1 (Cn)	Normalized tip resistance, q_{c1}, based on C_n (this method has stress units)	$q_{c1}(Cn) = C_n * q_t$	5, 12
qc1 (Cq)	Normalized tip resistance, q_{c1}, based on C_q (this method has stress units)	$q_{c1}\ (Cq)= C_q * q_t$ (some papers use q_c)	5, 12
qc1n	normalized tip resistance, q_{c1n}, using a variable stress ratio exponent, n (where n=0.0, 0.70, 1.0) (this method is unit-less)	$q_{c1n} = (q_t / P_a)(P_a/\sigma_v')^n$ where: P_a = atm. Pressure and n varies as described below	3, 5
I_c or Ic (RW1998)	Soil Behavior Type Index as defined by Robertson and Fear (1995) and Robertson and Wride (1998) for estimating grain size characteristics and providing smooth gradational changes across the SBTn chart	$I_c = [(3.47 - \log_{10}Q)^2 + (\log_{10} Fr + 1.22)^2\ ]^{0.5}$ *Where:* $Q=\left(\frac{qt-\sigma_v}{P_a}\right)\left(\frac{P_a}{\sigma_v'}\right)^n$ *Or* $Q=q_{c1n}=\left(\frac{qt}{P_a}\right)\left(\frac{P_a}{\sigma_v'}\right)^n$ *depending on the iteration in determining I_c* *And* *Fr is in percent* *P_a = atmospheric pressure* *n varies between 0.5, 0.70 and 1.0 and is selected in an iterative manner based on the resulting I_c*	3, 5, 21
Ic (PKR 2009)	Soil Behavior Type Index, I_c (PKR 2009) based on a variable stress ratio exponent n, which itself is based on I_c (PKR 2009). An iterative calculation is required to determine Ic (PKR 2009) and its corresponding n (PKR 2009).	I_c (PKR 2009) = $[(3.47 - \log_{10}Q_{tn})^2 + (1.22 + \log_{10}F_r)^2]^{0.5}$	15

Calculated Parameter	Description	Equation	Ref
n (PKR 2009)	Stress ratio exponent n, based on I_c (PKR 2009). An iterative calculation is required to determine n (PKR 2009) and its corresponding Ic (PKR 2009).	*n (PKR 2009) = 0.381 (I_c) + 0.05 (σ_v'/P_a) – 0.15*	15
Qtn (PKR 2009)	Normalized tip resistance using a variable stress ratio exponent based on I_c (PKR 2009) and n (PKR 2009). An iterative calculation is required to determine Qtn (PKR 2009).	$Q_{tn} = [(qt - \sigma_v)/P_a](P_a/\sigma_v')^n$ *where P_a = atmospheric pressure (100 kPa)* *n = stress ratio exponent described above*	15
FC	Apparent fines content (%)	*FC=1.75($Ic^{3.25}$) - 3.7* *FC=100 for $I_c > 3.5$* *FC=0 for $I_c < 1.26$* *FC = 5% if 1.64 < I_c < 2.6 AND F_r<0.5*	3
I_c Zone	This parameter is the Soil Behavior Type zone based on the I_c parameter (valid for zones 2 through 7 on SBTn or SBT Qtn charts)	I_c < 1.31 Zone = 7 1.31 < I_c < 2.05 Zone = 6 2.05 < I_c < 2.60 Zone = 5 2.60 < I_c < 2.95 Zone = 4 2.95 < I_c < 3.60 Zone = 3 I_c > 3.60 Zone = 2	3
State Param or State Parameter or ψ	The state parameter index, ψ, is defined as the difference between the current void ratio, e, and the critical void ratio, e_c. Positive ψ - contractive soil Negative ψ - dilative soil This is based on the work by Been and Jefferies (1985) and Plewes, Davies and Jefferies (1992) - vertical effective stress is used rather than a mean normal stress	See reference	6, 8
Yield Stress σ_p'	Yield stress is calculated using the following methods a) General method b) 1st order approximation using q_tNet (clays) c) 1st order approximation using Δu_2 (clays) d) 1st order approximation using q_e (clays)	All stresses in kPa a) $\sigma_p' = 0.33 \cdot (q_t - \sigma_v)^{m'} (\sigma_{atm}/100)^{1-m'}$ where $m' = 1 - \frac{0.28}{1 + (I_c/2.65)^{25}}$ b) $\sigma_p' = 0.33 \cdot (q_t - \sigma_v)$ c) $\sigma_p' = 0.54 \cdot (\Delta u_2)$ $\Delta u_2 = u_2 - u_0$ d) $\sigma_p' = 0.60 \cdot (q_t - u_2)$	19 20 20 20
OCR OCR(JS1978) OCR(Mayne2014) OCR (qtNet) OCR (deltaU) OCR (qe) OCR (Vs) OCR (PKR2015)	Over Consolidation Ratio based on a) Schmertmann (1978) method involving a plot plot of S_u/σ_v' /($S_u/\sigma_v')_{NC}$ and OCR b) based on Yield stresses described above c) approximate version based on qtNet d) approximate version based on Δu e) approximate version based on effective tip, q_e f) approximate version based on shear wave velocity, V_s g) based on Qt	 a) requires a user defined value for NC Su/P_c' ratio b through f) *based on yield stresses* g) OCR = 0.25·$(Qt)^{1.25}$	 9 19 20 20 20 18 32

Calculated Parameter	Description	Equation	Ref
Es/qt	Intermediate parameter for calculating Young's Modulus, E, in sands. It is the Y axis of the reference chart.	Based on Figure 5.59 in the reference	5
Es Young's Modulus E	Young's Modulus based on the work done in Italy. There are three types of sands considered in this technique. The user selects the appropriate type for the site from: a) OC Sands b) Aged NC Sands c) Recent NC Sands Each sand type has a family of curves that depend on mean normal stress. The program calculates mean normal stress and linearly interpolates between the two extremes provided in the E_s/q_t chart. Es is evaluated for an axial strain of 0.1%.	Mean normal stress is evaluated from: $\sigma'_m = \frac{1}{3}(\sigma'_v + \sigma'_h + \sigma'_h)^3$ where σ_v'= vertical effective stress σ_h'= horizontal effective stress *and* $\sigma_h = K_o \bullet \sigma_v'$ with K_o assumed to be 0.5	5
Delta U/TStress	Differential pore pressure ratio with respect to total stress	$= \frac{\Delta u}{\sigma_v}$ *where:* $\Delta u = u - u_{eq}$	CK*
Delta U/Estress, P Value, Excess Pore Pressure Ratio	Differential pore pressure ratio with respect to effective stress. Key parameter (P, Normalized Pore Pressure Parameter, Excess Pore Pressure Ratio) in the Winckler et. al. static liquefaction method.	$= \frac{\Delta u}{\sigma'_v}$ *where:* $\Delta u = u - u_{eq}$	25, 25a, CK*
Su/EStress	Undrained shear strength ratio with respect to vertical effective overburden stress using the S_u (N_{kt}) method	$= Su\ (N_{kt}) / \sigma_v'$	CK*
Gmax	G_{max} determined from SCPT shear wave velocities (not estimated values)	$G_{max} = \rho V_s^2$ where ρ is the mass density of the soil determined from the estimated unit weights at each test depth	27
qtNet/Gmax	Net tip resistance ratio with respect to the small strain modulus G_{max} determined from SCPT shear wave velocities (not estimated values)	$= (qt - \sigma_v) / G_{max}$ where $G_{max} = \rho V_s^2$ and ρ is the mass density of the soil determined from the estimated unit weights at each test depth	15, 28, 30

*CK – common knowledge

Table 1b. CPT Parameter Calculation Methods – Liquefaction Parameters

Calculated Parameter	Description	Equation	Ref
K_{SPT}	Equivalent clean sand factor for $(N_1)60$	$K_{SPT} = 1 + ((0.75/30) \bullet (FC - 5))$	10
K_{CPT} or K_C (RW1998)	Equivalent clean sand correction for q_{c1N}	$K_{cpt} = 1.0$ for $I_c \leq 1.64$ $K_{cpt} = f(I_c)$ for $I_c > 1.64$ (see reference) $K_c = -0.403\ I_c^4 + 5.581\ I_c^3 - 21.63 I_c^2 + 33.75\ I_c - 17.88$	3, 10
Kc (PKR 2010)	Clean sand equivalent factor to be applied to Q_{tn}	$K_c = 1.0$ for $I_c \leq 1.64$ $K_c = -0.403\ I_c^4 + 5.581\ I_c^3 - 21.63 I_c^2 + 33.75\ I_c - 17.88$ for $I_c > 1.64$	16
$(N_1)_{60cs}Ic$	Clean sand equivalent SPT $(N_1)_{60}I_c$. User has 3 options.	1) $(N_1)_{60cs}Ic = \alpha + \beta((N_1)_{60}I_c)$ 2) $(N_1)_{60cs}Ic = K_{SPT} * ((N_1)_{60}I_c)$ 3) $(q_{c1ncs})/(N_1)_{60cs}I_c = 8.5\ (1 - I_c/4.6)$ FC ≤ 5%: $\alpha = 0$, $\beta = 1.0$ FC ≥ 35% $\alpha = 5.0$, $\beta = 1.2$ 5% < FC < 35% $\alpha = exp[1.76 - (190/FC^2)]$ $\beta = [0.99 + (FC^{1.5}/1000)]$	10 10 5
q_{c1ncs}	Clean sand equivalent q_{c1n}	$q_{c1ncs} = q_{c1n} \bullet K_{cpt}$	3
Qtn,cs (PKR 2010)	Clean sand equivalent for Q_{tn} described above - Q_{tn} being the normalized tip resistance based on a variable stress exponent as defined by Robertson (2009)	$Q_{tn,cs} = Q_{tn} \cdot K_c$ (PKR 2016)	16
Su(Liq)/ESv	Liquefied shear strength ratio as defined by Olson and Stark	$\frac{Su(Liq)}{\sigma_v'} = 0.03 + 0.0143(q_{c1})$ Note: σ_v' and s_v' are synonymous	13
Su(Liq)/ESv (PKR 2010)	Liquefied shear strength ratio as defined by Robertson (2010)	$\frac{Su(Liq)}{\sigma_v'}$ Based on a function involving $Q_{tn,cs}$	16
Su (Liq) (PKR 2010)	Liquefied shear strength derived from the liquefied shear strength ratio and effective overburden stress		16
Cont/Dilat Tip	Contractive / Dilative qc1 Boundary based on $(N_1)_{60}$	$(\sigma_v')_{boundary} = 9.58 \times 10^{-4}\ [(N_1)_{60}]^{4.79}$ *qc1* is calculated from specified qt(MPa)/N ratio	13
CRR	Cyclic Resistance Ratio (for Magnitude 7.5)	$q_{c1ncs} < 50$: $CRR_{7.5} = 0.833\ [q_{c1ncs}/1000] + 0.05$ $50 \leq q_{c1ncs} < 160$: $CRR_{7.5} = 93\ [q_{c1ncs}/1000]^3 + 0.08$	10
Kg	Small strain Stiffness Ratio Factor, Kg	[Gmax/qt]/[qc1n^{-m}] m = empirical exponent, typically 0.75	26

Calculated Parameter	Description	Equation	Ref
SP Distance	State Parameter Distance, Winckler static liquefaction method	Perpendicular distance on Qtn chart from plotted point to state parameter Ψ = -0.05 curve	25
URS NP Fr	Normalized friction ratio point on Ψ = -0.05 curve used in SP Distance calculation		25
URS NP Qtn	Normalized tip resistance (Qtn) point on Ψ = -0.05 curve used in SP Distance calculation		25

Table 2. References

No.	Reference
1	Robertson, P.K., Campanella, R.G., Gillespie, D. and Greig, J., 1986, "Use of Piezometer Cone Data", Proceedings of InSitu 86, ASCE Specialty Conference, Blacksburg, Virginia.
2	Robertson, P.K., 1990, "Soil Classification Using the Cone Penetration Test", Canadian Geotechnical Journal, Volume 27. This includes the discussions and replies.
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4	Robertson, P.K. and Wride, C.E., 1997, "Cyclic Liquefaction and its Evaluation Based on SPT and CPT", NCEER Workshop Paper, January 22, 1997.
5	Lunne, T., Robertson, P.K. and Powell, J. J. M., 1997, " Cone Penetration Testing in Geotechnical Practice," Blackie Academic and Professional.
6	Plewes, H.D., Davies, M.P. and Jefferies, M.G., 1992, "CPT Based Screening Procedure for Evaluating Liquefaction Susceptibility", 45th Canadian Geotechnical Conference, Toronto, Ontario, October 1992.
7	Jefferies, M.G. and Davies, M.P., 1993, "Use of CPTu to Estimate equivalent N_{60}", Geotechnical Testing Journal, 16(4): 458-467.
8	Been, K. and Jefferies, M.P., 1985, "A state parameter for sands", Geotechnique, 35(2), 99-112.
9	Schmertmann, 1978, "Guidelines for Cone Penetration Test Performance and Design", Federal Highway Administration Report FHWA-TS-78-209, U.S. Department of Transportation.
10	Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils, Salt Lake City, 1996, chaired by Leslie Youd.
11	Kulhawy, F.H. and Mayne, P.W., 1990, "Manual on Estimating Soil Properties for Foundation Design, Report No. EL-6800", Electric Power Research Institute, Palo Alto, CA, August 1990, 306 p.
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13	Olson, Scott M. and Stark, Timothy D., 2003, "Yield Strength Ratio and Liquefaction Analysis of Slopes and Embankments", Journal of Geotechnical and Geoenvironmental Engineering, ASCE, August 2003.
14	Jamiolkowski, M.B., Lo Presti, D.C.F. and Manassero, M., 2003, "Evaluation of Relative Density and Shear Strength of Sands from CPT and DMT", Soil Behaviour and Soft Ground Construction, ASCE, GSP N0. 119, 201-238.
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16	Robertson, P.K., 2010, "Evaluation of Flow Liquefaction and Liquefied Strength Using the Cone Penetration Test", Journal of Geotechnical and Geoenvironmental Engineering, ASCE, June 2010.
17	Mayne, P.W. and Kulhawy, F.H., 1982, "Ko-OCR Relationships in Soil", Journal of the Geotechnical Engineering Division, ASCE, Vol. 108, GT6, pp. 851-872.
18	Mayne, P.W., Robertson P.K. and Lunne T., 1998, "Clay stress history evaluated from seismic piezocone tests", Proceedings of the First International Conference on Site Characterization – ISC '98, Atlanta Georgia, Volume 2, 1113-1118.

No.	Reference
19	Mayne, P.W., 2014, "Generalized CPT Method for Evaluating Yield Stress in Soils", Geocharacterization for Modeling and Sustainability (GSP 235: Proc. GeoCongress 2014, Atlanta, GA), ASCE, Reston, Virginia: 1336-1346.
20	Mayne, P.W., 2015, "Geocharacterization by In-Situ Testing", Continuing Education Course, Vancouver, BC, January 6-8, 2015.
21	Robertson, P.K. and Fear, C.E., 1995, "Liquefaction of sands and its evaluation", Proceedings of the First International Conference on Earthquake Engineering, Keynote Lecture IS Tokyo '95, Tokyo Japan, 1995.
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25a	Winckler, Christina, Davidson, Richard, Yenne, Lisa, Pilz, Jorgen, 2014, "CPTu-Based State Characterization of Tailings Liquefaction Susceptibility", Powerpoint presentation, Tailings and Mine Waste, 2014.
26	Schneider, J.A. and Moss, R.E.S., 2011, "Linking cyclic stress and cyclic strain based methods for assessment of cyclic liquefaction triggering in sands", Geotechnique Letters 1, 31-36.
27	Rice, A., 1984, "The Seismic Cone Penetrometer", M.A.Sc. thesis submitted to the University of British Columbia, Dept. of Civil Engineering, Vancouver, BC, Canada.
28	Gillespie, D.G., 1990, "Evaluating Shear Wave Velocity and Pore Pressure Data from the Seismic Cone Penetration Test", Ph.D. thesis submitted to the University of British Columbia, Dept. of Civil Engineering, Vancouver, BC, Canada.
29	Robertson, P.K and Cabal, K.L., 2010, "Estimating soil unit weight from CPT", Proceedings of the 2nd International Symposium on Cone Penetration Testing (CPT '10), Huntington Beach, California.
30	Robertson, P.K., 2016, "Cone penetration test (CPT)-based soil behaviour type (SBT) classification system – an update", Canadian Geotechnical Journal, July 2016.
31	Robertson, P.K., 2012, "Interpretation of in-situ tests – some insights", Mitchell Lecture, ISC'4, Recife, Brazil.
32	Robertson, P.K., Cabal, K.L. 2015, "Guide to Cone Penetration Testing for Geotechnical Engineering", 6th Edition.

Exploration ID	Depth (ft.)	Sample No.	Sample Description	Water Content (%)	Dry Unit Wt. (pcf)	Sieve Analysis (%)			Atterberg Limits			Additional Tests
						Passing 3/4"	Passing #4	Passing #200	Liquid Limit	Plastic Limit	Plasticity Index	
B-1	1.0 - 5.0	1	VERY DARK GRAY SANDY LEAN CLAY (CL)						25	15	10	
B-1	5.5	2B	OLIVE BROWN SANDY LEAN CLAY (CL)	24.5	101.5							
B-1	21.5 - 23.0	6	DARK OLIVE BROWN SILTY SAND (SM)					32				
B-2	1.0 - 5.0	1	OLIVE BROWN LEAN CLAY WITH SAND (CL)						28	17	11	
B-2	6.0	2C	YELLOWISH BROWN SILTY SAND (SM)	12.4	104.3							
B-3	1.0 - 5.0	1	BLACK LEAN CLAY (CL)									R-VALUE = 5
B-3	8.5	3C	OLIVE BROWN FAT CLAY WITH SAND (CH)	24.8	101.7							TXUU: c = 0.34 ksf
B-3	16.0	5C	DARK BROWN FAT CLAY WITH SAND (CH)	22.2	105.6							
B-3	21.0	6C	DARK OLIVE BROWN POORLY GRADED SAND WITH SILT (SP-SM)	19.9	109.0		97	7.6				
B-4	6.0	1C	DARK BROWN LEAN CLAY WITH SAND (CL)	25.5	101.4							TXUU: c = 1.03 ksf
B-4	20.0 - 21.5	5	GRAYISH BROWN LEAN CLAY WITH SAND (CL)	30.7				73	31	19	12	
B-5	11.0	3C	DARK BROWN LEAN CLAY (CL)	25.4	100.4							TXUU: c = 2.00 ksf
B-5	16.0	4C	OLIVE BROWN LEAN CLAY WITH SAND (CL)	12.6	120.4			78				
B-5	21.0	5C	OLIVE BROWN LEAN CLAY (CL)	27.6	97.7			92	34	21	13	
P-1	6.0	1C	BROWN LEAN CLAY WITH SAND (CL)					82				
P-3	1.0 - 5.0	1	DARK BROWN SILTY CLAY (CL-ML)									R-VALUE = 3
P-3	8.0	2B	VERY DARK BROWN FAT CLAY (CH)					94				

Refer to the Geotechnical Investigation Report or the supplemental plates for the method used for the testing performed above.
NP = NonPlastic
NA = Not Available

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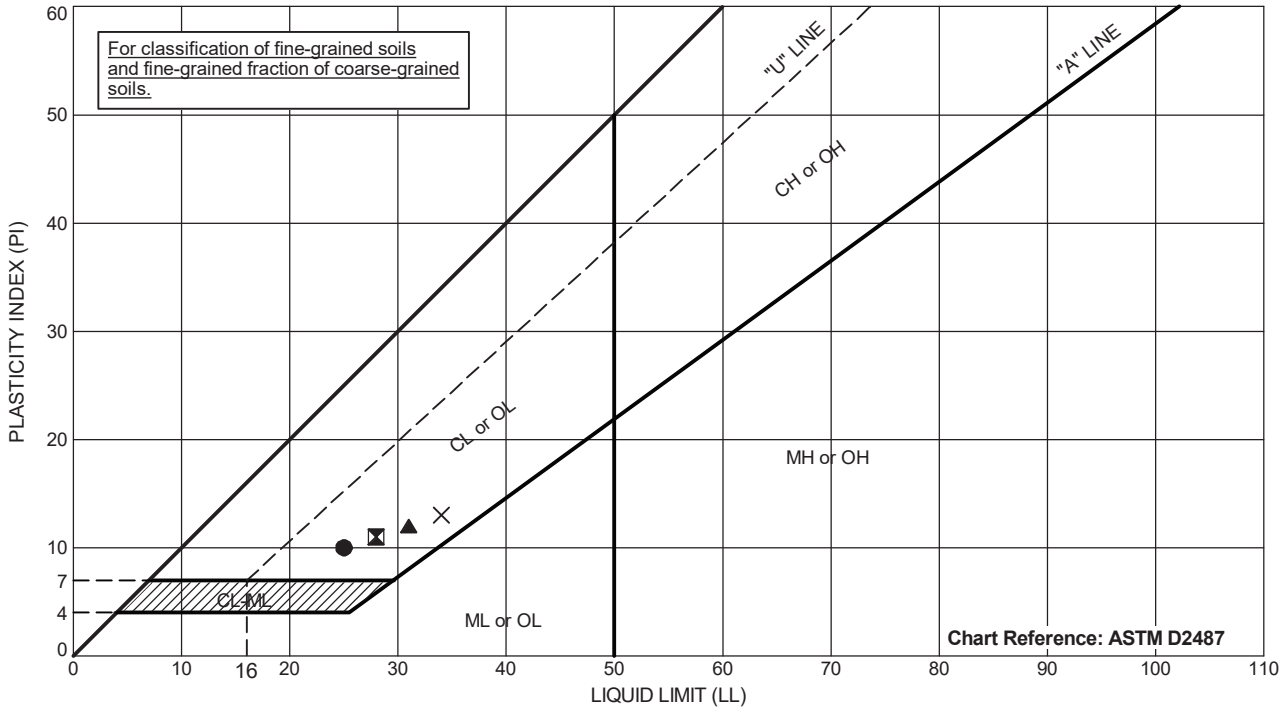
LABORATORY TEST RESULT SUMMARY

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE
C-1



Exploration ID		Depth (ft.)	Sample Number	Sample Description	Passing #200	LL	PL	PI
●	B-1	1 - 5	1	VERY DARK GRAY SANDY LEAN CLAY (CL)	NM	25	15	10
⊠	B-2	1 - 5	1	OLIVE BROWN LEAN CLAY WITH SAND (CL)	NM	28	17	11
▲	B-4	20 - 21.5	5	GRAYISH BROWN LEAN CLAY WITH SAND (CL)	73	31	19	12
×	B-5	21	5C	OLIVE BROWN LEAN CLAY (CL)	92	34	21	13

Testing performed in general accordance with ASTM D4318.
NP = Nonplastic
NA = Not Available
NM = Not Measured

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ATTERBERG LIMITS

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE
C-2

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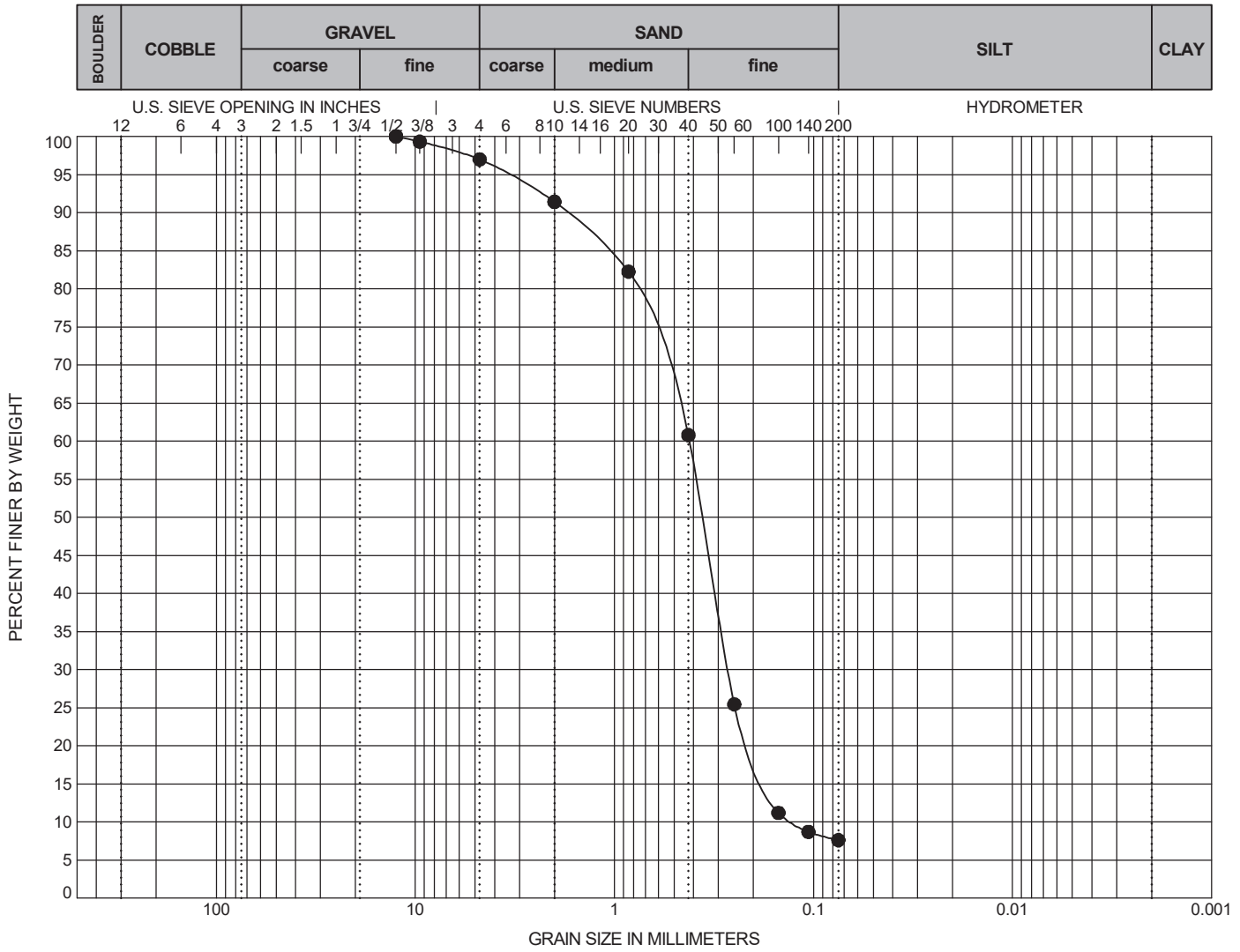

Exploration ID	Depth (ft.)	Sample Number	Sample Description	LL	PL	PI
● B-3	21	6C	DARK OLIVE BROWN POORLY GRADED SAND WITH SILT (SP-SM)	NM	NM	NM

Exploration ID	Depth (ft.)	D_{100}	D_{60}	D_{30}	D_{10}	Cc	Cu	Passing 3/4"	Passing #4	Passing #200	%Silt*	%Clay*
● B-3	21	12.5	0.42	0.268	0.127	1.34	3.30		97	7.6	NM	NM

*These numbers represent silt-sized and clay-sized content but may not indicate the percentage of the material with the engineering properties of silt or clay. Sieve Analysis and Hydrometer Analysis testing performed in general accordance with ASTM D6913(Sieve Analysis) and ASTM D7928 (Hydrometer Analysis).
NP = Nonplastic
NA = Not Available
NM = Not Measured

Coefficients of Uniformity - $C_u = D_{60} / D_{10}$
Coefficients of Curvature - $C_C = (D_{30})^2 / D_{60} D_{10}$
D_{60} = Grain diameter at 60% passing
D_{30} = Grain diameter at 30% passing
D_{10} = Grain diameter at 10% passing

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SIEVE ANALYSIS

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE
C-3

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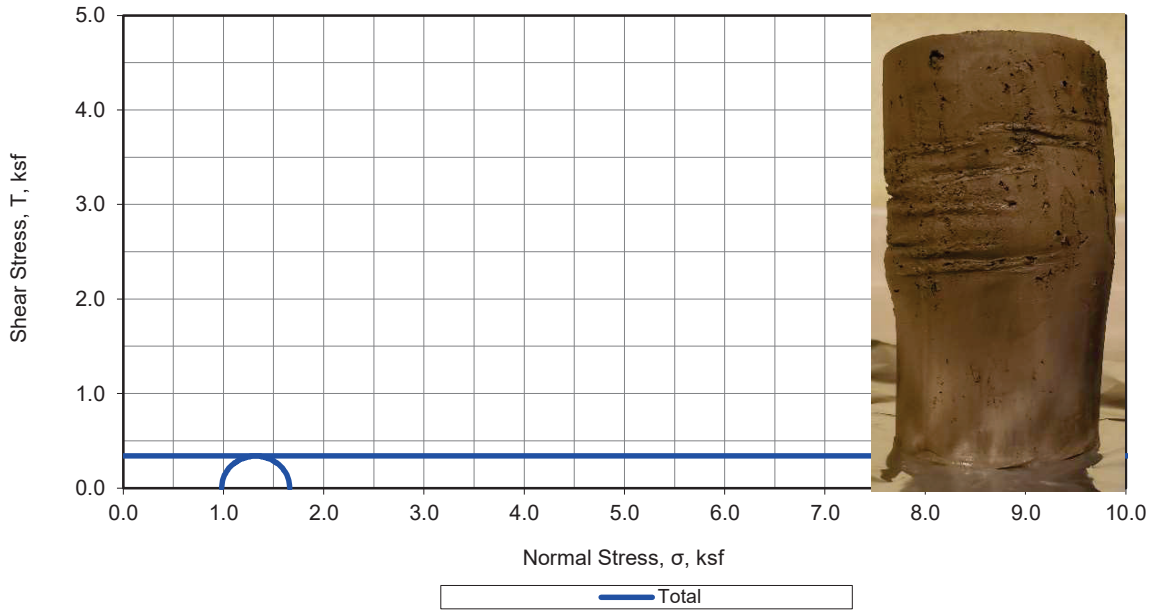
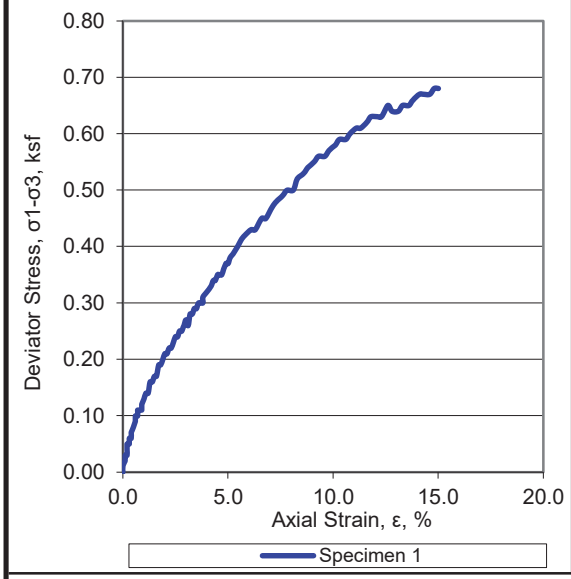
Total	
c = 0.34	ksf



Specimen Shear Picture



Specimen No.			1
Initial	Diameter, in	D_O	2.39
	Height, in	H_O	5.47
	Water Content, %	ω_O	24.8
	Dry Density, lbs/ft^3	$^{\gamma}d_o$	101.7
	Saturation, %	S_O	105
	Void Ratio	e_O	0.626
Minor Principal Stress, ksf		σ_3	0.98
Maximum Deviator Stress, ksf		$(\sigma 1-\sigma 3)_{max}$	0.68
Time to $(\sigma_1-\sigma_3)_{max}$, min		t_f	14.85
Deviator Stress @ 15% Axial Strain, ksf		$(\sigma_1-\sigma_3)_{15\%}$	0.68
Ultimate Deviator Stress, ksf		$(\sigma_1-\sigma_3)_{ult}$	na
Rate of strain, %/min		$'\varepsilon$	1.00
Axial Strain at Failure, %		ε_f	14.85

Description of Specimen: Dark Olive Brown Lean Clay (CL)

Amount of Material Finer than the No. 200, %: nm

LL:	PL:	PI:	G_S:	Specimen Type:	Test Method:
nm	nm	nm	2.65 Assumed	Undisturbed	ASTM D2850

Membrane correction applied

Boring:	B-3
Sample:	3A
Depth, ft:	8.5
Test Date:	9/9/21

Remarks: nm= not measured, na = not applicable

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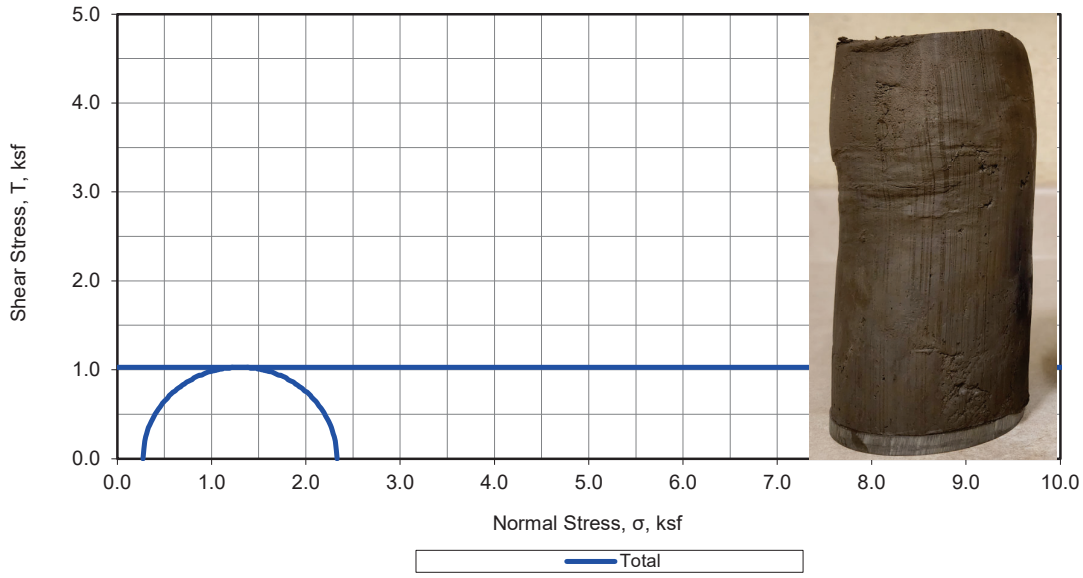
File Name:	HL14104

TRIAXIAL COMPRESSION TEST (UU)

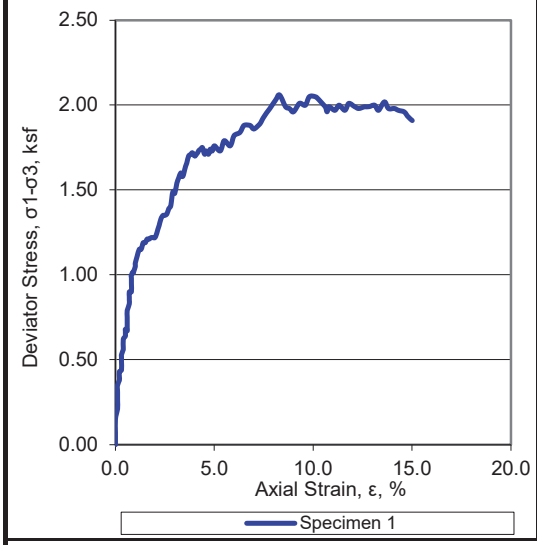
DUKE WAREHOUSE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

Figure
1 of 1
C-4

Total	
c = 1.03	ksf



Specimen Shear Picture



Specimen No.			1
Initial	Diameter, in	D_O	2.40
	Height, in	H_O	5.82
	Water Content, %	ω_O	25.5
	Dry Density, lbs/ft^3	γ_{d_o}	101.4
	Saturation, %	S_O	107
	Void Ratio	e_O	0.631
Minor Principal Stress, ksf		σ_3	0.27
Maximum Deviator Stress, ksf		$(\sigma 1-\sigma 3)_{max}$	2.06
Time to $(\sigma_1-\sigma_3)_{max}$, min		t_f	8.30
Deviator Stress @ 15% Axial Strain, ksf		$(\sigma_1-\sigma_3)_{15\%}$	1.91
Ultimate Deviator Stress, ksf		$(\sigma_1-\sigma_3)_{ult}$	na
Rate of strain, %/min		$'\varepsilon$	1.00
Axial Strain at Failure, %		ε_f	8.30

Description of Specimen: Dark Olive Brown Lean Clay with Sand (CL)

Amount of Material Finer than the No. 200, %: nm

LL: nm	PL: nm	PI: nm	G_S: 2.65 Assumed	Specimen Type: Undisturbed	Test Method: ASTM D2850

Membrane correction applied

Boring:	B-4
Sample:	1C
Depth, ft:	6.0
Test Date:	3/22/22

Remarks: nm= not measured, na = not applicable

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Project No.:	20222047.001A
Date:	3/28/22
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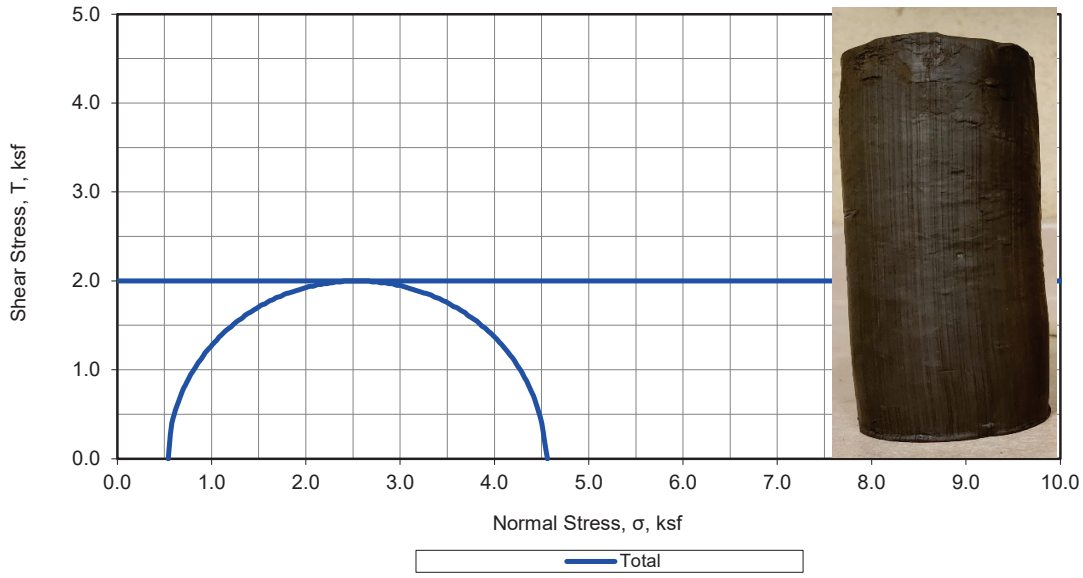
Checked By:	CP
File Name:	HL14474

TRIAXIAL COMPRESSION TEST (UU)

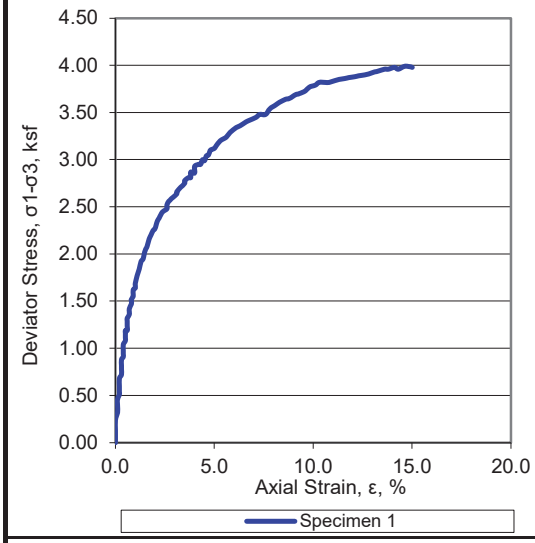
DUKE WAREHOUSE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

Figure
1 of 1
C-5

Total	
c =	2.00 ksf



Specimen Shear Picture



Specimen No.			1
Initial	Diameter, in	D_O	2.40
	Height, in	H_O	5.69
	Water Content, %	ω_O	25.4
	Dry Density, lbs/ft^3	γ_{d_o}	100.4
	Saturation, %	S_O	104
	Void Ratio	e_O	0.647
Minor Principal Stress, ksf		σ_3	0.55
Maximum Deviator Stress, ksf		$(\sigma 1-\sigma 3)_{max}$	3.99
Time to $(\sigma_1-\sigma_3)_{max}$, min		t_f	14.58
Deviator Stress @ 15% Axial Strain, ksf		$(\sigma_1-\sigma_3)_{15\%}$	3.98
Ultimate Deviator Stress, ksf		$(\sigma_1-\sigma_3)_{ult}$	na
Rate of strain, %/min		$'\varepsilon$	1.00
Axial Strain at Failure, %		ε_f	14.58

Description of Specimen: Dark Olive Brown Lean Clay (CL)

Amount of Material Finer than the No. 200, %: nm

LL:	PL:	PI:	G_S:	Specimen Type:	Test Method:
nm	nm	nm	2.65 Assumed	Undisturbed	ASTM D2850

Membrane correction applied

Boring:	B-5
Sample:	3C
Depth, ft:	11.0
Test Date:	3/23/22

Remarks: nm= not measured, na = not applicable

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Project No.:	20222047.001A
Date:	3/28/22
Entry By:	CP
Checked By:	CP
File Name:	HL14474

TRIAXIAL COMPRESSION TEST (UU)

DUKE WAREHOUSE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

Figure
1 of 1
C-6

Laboratory Test Report

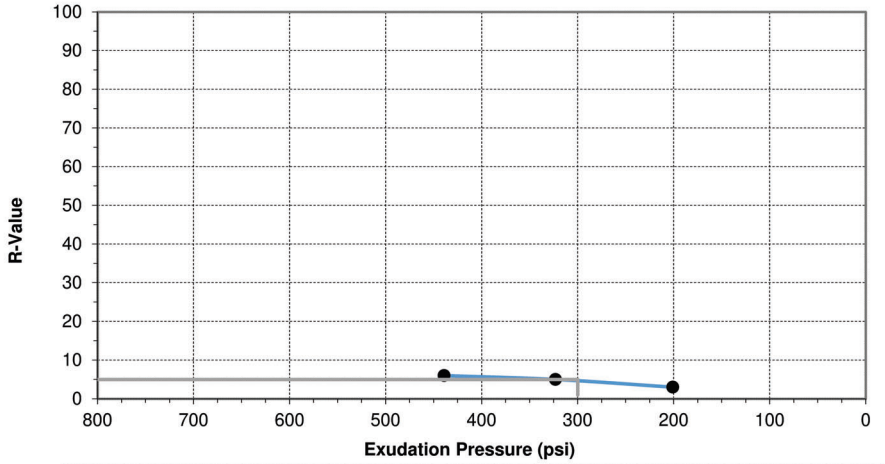
Client:	**Duke Realty Limited Partnership**	Report No.:	**21-HAY-01468 Rev. 0**	Issued:	**9/11/2021**
Project:	**20222047.001A**			Field ID:	**HL14104**
	DUKE - 475 Sycamore Drive	Sampled by:	**E. Jeffery**	Date:	**9/3/2021**
	03-000L - Labs	Submitted by:	**E. Jeffery**	Date:	**9/3/2021**

Tested on **9/9/2021** by **B. O'Neil**

Test Method: **ASTM D2844**

Material Description: **Black Lean Clay**

Specific Location: **B-3 @ 1-5'**



Briquette No.	A	B	C
Dry Unit Weight at Test (pcf)	110.8	109.2	112.9
Expansion Pressure (psf)	0	0	0
Exudation Pressure (psi)	323	201	439
Moisture at Time of Test (%)	16.6	17.6	15.5
Resistance Value	5	3	6
R - VALUE AT 300 PSI EXUDATION PRESSURE:			**5**

Reviewed on 9/11/2021 by Cindy Pimentel,
Senior Technician

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

KLEINFELDER Bright People. Right Solutions.	PROJECT NO.: 20222047 DRAWN BY: RY CHECKED BY BON DATE: 12/09/21 REVISED:	R-VALUE DUKE WAREHOUSE SYCAMORE 475 SYCAMORE DRIVE MILPITAS, CALIFORNIA	FIGURE C-7

Laboratory Test Report

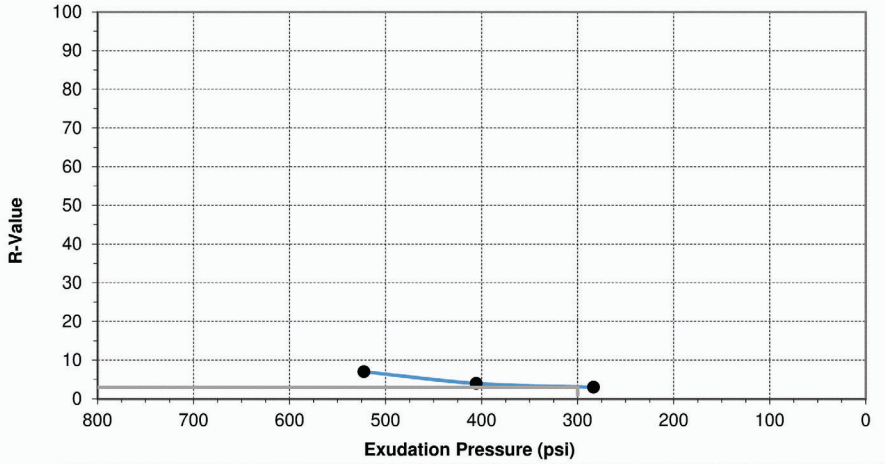
Client:	**Duke Realty Limited Partnership**	Report No.:	**22-HAY-00555 Rev. 1**	Issued:	**3/30/2022**
Project:	**20222047.001A**			Field ID:	**HL14474**
	DUKEAU-111- 501(475) Sycamore Drive	Sampled by:	**C. Ewing**	Date:	**3/11/2022**
	03-000L - Labs	Submitted by:	**C. Ewing**	Date:	**3/21/2022**

Tested on **3/28/2022** by **B. O'Neil**

Test Method: **ASTM D2844**

Material Description: **Dark Brown Silty Clay**

Specific Location: **P-3 @ 1-5'**



Briquette No.	A	B	C
Dry Unit Weight at Test (pcf)	108.6	112.1	109.5
Expansion Pressure (psf)	22	43	65
Exudation Pressure (psi)	284	406	523
Moisture at Time of Test (%)	18.1	17.2	16.2
Resistance Value	3	4	7
R - VALUE AT 300 PSI EXUDATION PRESSURE:			**3**

Reviewed on 3/30/2022 by Cindy Pimentel,
Senior Technician

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

KLEINFELDER Bright People. Right Solutions.	PROJECT NO.: 20222047 DRAWN BY: RY CHECKED BY BON DATE: 03/30/22 REVISED:	R-VALUE DUKE WAREHOUSE SYCAMORE 475 SYCAMORE DRIVE MILPITAS, CALIFORNIA	FIGURE C-8

CERCO analytical
1100 Willow Pass Court, Suite A
Concord, CA 94520-1006
925 462 2771 Fax. 925 462 2775
www.cercoanalytical.com

Client: Kleinfelder
Client's Project No.: 20222047.001A
Client's Project Name: 475 Sycamore Dr. Warehouse
Date Sampled: 3-Sep-21
Date Received: 9-Sep-21
Matrix: Soil
Authorization: Chain of Custody

Date of Report: 21-Sep-2021

Job/Sample No.	Sample I.D.	Redox (mV)	pH	Resistivity (As Received) (ohms-cm)	Resistivity (100% Saturation) (ohms-cm)	Sulfide (mg/kg)*	Chloride (mg/kg)*	Sulfate (mg/kg)*
2109013-001	B-1, 1 @1-5'	+190	9.01		1,100	-	15	27

Method:	ASTM D1498	ASTM D4972	ASTM D1125M	ASTM G57	ASTM D4658M	ASTM D4327	ASTM D4327
Reporting Limit:	-	-	-	-	50	15	15
Date Analyzed:	17-Sep-2021	17-Sep-2021		14-Sep-2021	-	17-Sep-2021	17-Sep-2021

* Results Reported on "As Received" Basis
N.D. - None Detected

for Cheryl McMillen
Laboratory Director

Quality Control Summary - All laboratory quality control parameters were found to be within established limits

CERCO analytical
1100 Willow Pass Court, Suite A
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21 September 2021

Job No.2109013
Cust. No. 12312

Mr. Renie Yuen
Kleinfelder
2601 Barrington Court
Hayward, CA 94545-1100

Subject: Project No.: 20222047.001A
Project Name: 475 Sycamore Dr. Warehouse
Corrosivity Analysis – ASTM Test Methods

Dear Mr. Yuen:

Pursuant to your request, CERCO Analytical has analyzed the soil sample submitted on 09/09/21. Based on the analytical results, this brief corrosivity evaluation is enclosed for your consideration.

Based upon the resistivity measurement the sample is classified as "corrosive". All buried iron, steel, cast iron, ductile iron, galvanized steel and dielectric coated steel or iron should be properly protected against corrosion depending upon the critical nature of the structure. All buried metallic pressure piping such as ductile iron firewater pipelines should be protected against corrosion.

The chloride ion concentration is 15 mg/kg. Because the chloride ion concentration is less than 300 mg/kg, it is determined to be insufficient to attack steel embedded in a concrete mortar coating.

The sulfate ion concentration is 27 mg/kg and is determined to be insufficient to damage reinforced concrete structures and cement mortar-coated steel at this location.

The pH of the soil is 9.01 which does not present corrosion problems for buried iron, steel, mortar-coated steel and reinforced concrete structures.

The redox potential is +190-mV and is indicative of potentially "moderately corrosive" soils resulting from anaerobic soil conditions.

This corrosivity evaluation is based on general corrosion engineering standards and is non-specific in nature. For specific long-term corrosion control design recommendations or consultation, please call *JDH Corrosion Consultants, Inc. at (925) 927-6630.*

We appreciate the opportunity of working with you on this project. If you have any questions, or if you require further information, please do not hesitate to contact us.

Very truly yours,
CERCO ANALYTICAL, INC.

Sheri Moore
for, J. Darby Howard, Jr., P.E.
President

JDH/jdl
Enclosure

2109013 Tu: Cerco

KLEINFELDER

Hayward report to: Renie Yuen

Ck# 1232 9/9/21 Shew Moore 1100

LAB NUMBER: HL14104

LABORATORY TESTING PROGRAM - GEOTECHNICAL

RYuen@kleinfelder.com
510-628-9000

Project: 475 Sycamore Drive Warehouse

Date Sampled: 9/3/2021 Project No.: 20222047.001A

Date Submitted: 9/3/2021 Task No.: 03-000L

Submitted By: E. Jeffery Report To: B. O'Neill, R. Yuen

Test Method
- [X] ASTM
- [ ] AASHTO
- [ ] DOT
- [ ] Other (see remarks)

Boring / Test Pit	Sample	Depth, ft.	Sample Type	CLASSIFICATN, VISUAL	WATER CONTENT	WATER/DENSITY, SOIL	SIEVE ANALYSIS, -200	SIEVE ANALYSIS, F	SIEVE ANALYSIS, C&F	HYDROMETER ANALYSIS	ATTERBERG, MULTI-PT.	ATTERBERG, ONE-PT.	SOIL ORGANIC CONTENT	SOIL SPEC. GRAV.	STANDARD PROCTOR, 4"	MODIFIED PROCTOR, 4"	R-VALUE	EXPANSION INDEX	SOIL PH	SOIL RESISTIVITY	CHLORIDE CONTENT	SULFATE CONTENT	100% Sat	SAMPLE MIX&PROCESS	SAMPLE PREPARATION	Remarks
-001 B-1	1	1.0-5.0	BULK								X															
B-1	2B	6.0-6.5	CAL			X													/	/	/	/	1			Cerco: resistivitiy at 100% saturation, +brief eval.
B-1	6	21.5-23.0	SPT				X																			
B-2	1	1.0-5.0	BULK								X															
B-2	2A	6.0-6.5	CAL			X																				
B-3	1	1.0-5.0	BULK														X									
B-3	5A	16.0-16.5	CAL			X																				
B-3	6A	21.0-21.5	CAL			X				X																
Quantity of Tests						4	1			1		2							1			1	1	1	1			
Unit				L00228	L00294	L00295	L00287	L00270		L00269	L00248	L00223	L00224	L00271	L00275				L00279	L00251	L00264	L00246		L00272	L00273	L00227	L00281		L00905	L00907	

Boring / Test Pit	Sample	Depth, ft.	Sample Type	UNCONFINED COMP STR.	DIRECT SHEAR, 1 PT.	DIRECT SHEAR, 3 PTS.	DIRECT SHEAR, RESID.	TRIAX, CU, 1 POINT	TRIAX, CU, 3 POINTS	TRIAX CD, 1 POINT	TRIAX CD, 3 POINTS	TRIAX, UU, 1 POINT	TRIAX, UU, 3 POINTS	TRIAX, UU SAT, 1 PT.	TRIAX, UU SAT, 3 PT.	PERMEABILITY, FLEX	PERMEABILITY, RIGID	PINHOLE DISPERSION	CONSOL. W/O TR	CONSOL. W/2 TR	CONSOL. ALL TR	CONSOL. ADD. REBOUND	ONEDIM FREE SWELL	ONEDIM SWELL % HEAVE	ONEDIMSWELL W/CONSOL	SAMPLE REMOLDING	Remarks
B-3	3A	8.5-9.0	CAL								X																980 psf
Quantity of Tests											1																
Unit				L00293	L00242	L00243	L00244	L00286	L00287	L00285	Loo336	L00289	L00290	L00288	L00325	L00258	L00259	L00261		L00233	L00232	L00231	L00230		L00255	L00256	L00257		L00908		

Test requested Test in progress Test complete

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Rev. 02/17/2014

APPENDIX C

Soil Corrosivity Evaluation and Recommendations for Corrosion Control by Others

3/28/2022

jdh corrosion consultants, inc.

Soil Corrosivity Evaluation & Recommendations for Corrosion Control
475 Sycamore Drive
Milpitas, CA

SUBMITTED TO

Mr. Bill McCormick, CEG

Sr. Principal Engineering Geologist/V.P.

Kleinfelder

2240 Northpoint Parkway

Santa Rosa, CA 95407

JDH JOB NUMBER

2022079

March 28, 2022

Kleinfelder
2240 Northpoint Parkway
Santa Rosa, CA 95407

Attention: **Mr. Bill McCormick, CEG**
Sr. Principal Engineering Geologist/V.P.

Subject: **Soil Corrosivity Evaluation & Recommendations for Corrosion Control**
Underground Water Piping Systems
475 Sycamore Drive
Milpitas, CA

Dear Mr. McCormick,

Pursuant to your request, **JDH Corrosion Consultants, Inc**. has conducted a site corrosivity evaluation for the above referenced project site and we have provided herein recommendations for long-term corrosion control for the proposed materials of construction for the underground utilities at this site.

Purpose

The purpose for this evaluation is to determine the corrosion potential, resulting from the soils at the subject site and to provide recommendations for long-term corrosion control for the buried metallic utilities.

Background

The project involves the construction of a warehouse at 475 Sycamore Drive in Milpitas, California. There will be new buried utilities associated with the domestic and fire water pipelines.

Soil Testing and Analysis

Soil Testing Results

One (1) soil sample from the project site was chemically analyzed for corrosivity by **CERCO Analytical**. The sample was analyzed for chloride and sulfate concentration, pH Redox and minimum resistivity. The test results are presented in the CERCO Analytical Report dated 9/21/2021. The results of the chemical analysis were as follows:

Laboratory Analysis

Chemical Analysis	Range of Results	Corrosion Classification*
Chlorides	15 mg/kg	Non-corrosive*
Sulfates	27 mg/kg	Non-corrosive**
pH	9.01	Non-corrosive*
Redox	190 mV	Moderately Corrosive
Resistivity	1,100 ohm-cm	Corrosive*

* With respect to bare steel or ductile iron.
** With respect to mortar coated steel

Chemical Testing Analysis

The chemical analysis provided by **CERCO Analytical** indicates that the soils are generally classified as “corrosive” based on the saturated resistivities. The chloride levels indicate “non-corrosive” conditions to steel and ductile iron and the sulfate levels indicate “non-corrosive” conditions for concrete structures placed into these soils with regard to sulfate attack. The pH of the soils is alkaline which classifies them as “non-corrosive” to buried steel and concrete structures.

In-Situ Soil Resistivity Measurements

The in-situ resistivity of the soil was measured at four (4) locations at the project site by **JDH Corrosion Consultants, Inc.** field personnel. Resistance measurements were conducted with probe spacing of 2.5, 5, 7.5, 10, and 15-feet at each location. For analysis purposes we have calculated the resistivity of soil layers 0-2.5, 2.5-5, 5-7.5, 7.5-10 and 10-15’ using the Barnes Method as follows:

$$\rho_{b-a} = KR_{(b-a)}$$

Where;

ρ_{b-a} = soil resistivity of layer depth b-a (ohm-cm)
a = soil depth to top layer (ft)
b = soil depth to bottom layer (ft)
R_a = soil resistance read at depth a (ohms)

R_b = soil resistance read at depth b (ohms)
R_{b-a} = resistance of soil layer from a to b (ft)
K = layer constant = $60.96\pi(b-a)$ (cm)

and $\frac{1}{R_{b-a}} = \frac{1}{R_a} - \frac{1}{R_b}$

The visual diagrams below describe the Wenner 4-pin testing configuration.

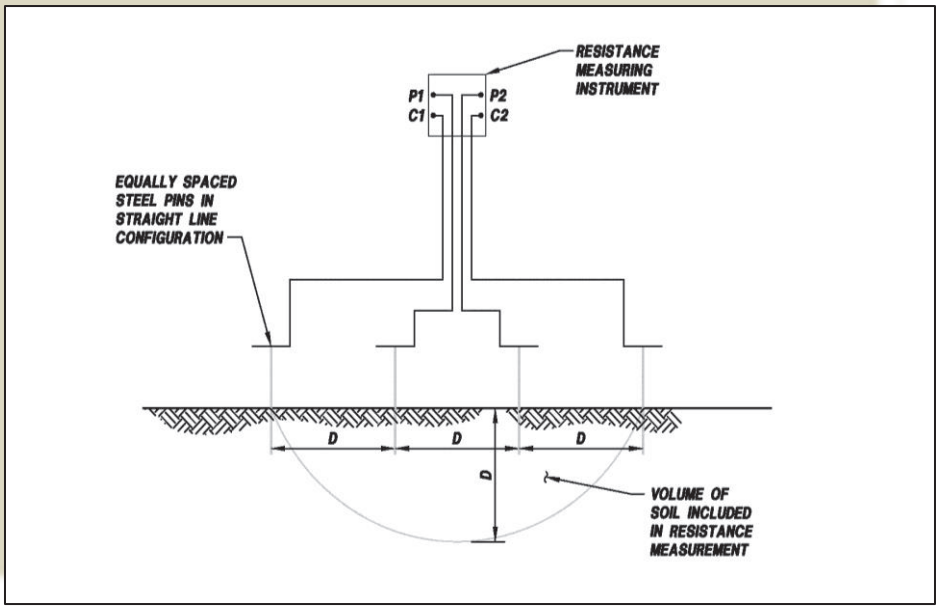


Fig 1: Wenner 4-Pin Resistivity Schematic No.1

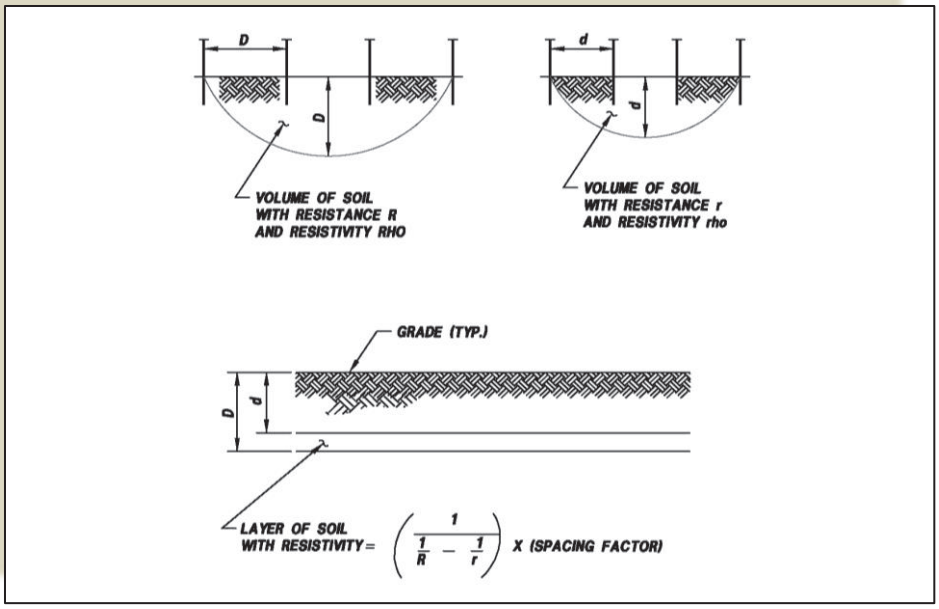


Fig 2: Illustration of Barnes Layer Calculations

In-Situ Soil Resistivity Analysis

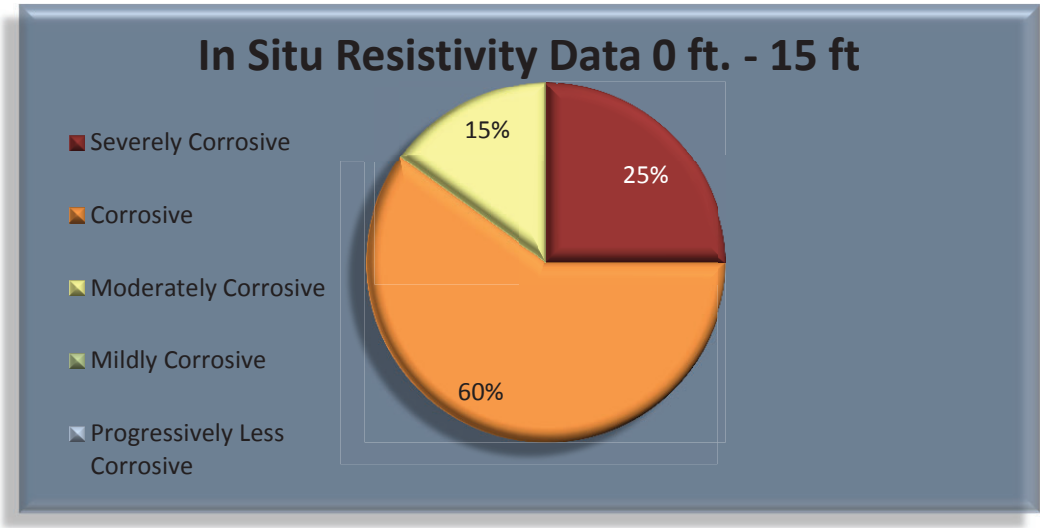
Corrosion of a metal is an electro-chemical process and is accompanied by the flow of electric current. Resistivity is a measure of the ability of a soil to conduct an electric current and is, therefore, an important parameter in consideration of corrosion data. Soil resistivity is primarily dependent upon the chemical content and moisture content of the soil mass.

The greater the amount of chemical constituents present in the soil, the lower the resistivity will be. As moisture content increases, resistivity decreases until maximum solubility of dissolved chemicals is attained. Beyond this point, an increase in moisture content results in dilution of the chemical concentration and resistivity increases. The corrosion rate of steel in soil normally increases as resistivity decreases. Therefore, in any particular group of soils, maximum corrosion will generally occur in the lowest resistivity areas. The following classification of soil corrosivity, developed by William J. Ellis[1], is used for the analysis of the soil data for the project site.

Resistivity (Ohm-cm)	Corrosivity Classification
0 – 500	Very Corrosive
501 – 2,000	Corrosive
2,001 – 8,000	Moderately Corrosive
8,001 – 32,000	Mildly Corrosive
> 32,000	Progressively Less Corrosive

The above classifications are appropriate for the project site and the results are presented in the graph below. In general, the soils are classified as “severely corrosive to moderately corrosive” with respect to corrosion of buried steel structures throughout the top 0 to 15 feet of the site.

The chart of the in-situ soil resistivity data for the soil layers 0 to 15 feet indicate that 25% of the soils are classified as “severely corrosive”, 60% of the soils are classified as “corrosive” and 15% of the soils are classified as “moderately corrosive”.



Discussion

Underground Metallic Pipelines

The soils at the project sites are generally considered to be "severely corrosive to moderately corrosive" to ductile/cast iron, steel and dielectric coated steel based on the in-situ resistivity measurements. Therefore, special requirements for corrosion control are required for buried metallic utilities at these sites depending upon the critical nature of the piping. Pressure piping systems such as domestic and fire water should be provided with appropriate coating systems and cathodic protection, where warranted. In addition, all underground pipelines should be electrically isolated from above grade structures, reinforced concrete structures and copper lines in order to avoid potential galvanic corrosion problems.

Recommendations

Ductile Iron Pipe (Pressure Piping such as Domestic Water and Fire)

1. Direct buried ductile iron pipe should be encased in 8-mil polyethylene as specified in AWWA specification C-105. Epoxy coatings are also an acceptable alternative type of coating system for the pipe and/or fittings such as valves.

2. All rubber gasket joints, fusion-bonded epoxy coated flanges and flexible couplings on ductile iron pipelines should be bonded with insulated copper cable to insure electrical continuity of the pipeline and fittings.

3. Insulating flanges and/or couplings should be installed to electrically isolate the buried portion of pipeline from other metallic pipelines, reinforced concrete structures and above grade buildings or structures.

4. Test stations shall be installed on all ductile iron pipelines at a spacing of 800 to 1,000 feet. Bonding and test stations shall comply with NACE Standards.

5. A sacrificial type of cathodic protection utilizing ***magnesium*** anodes should be installed to protect the entire length of buried metallic pipeline. Cathodic protection should be designed in accordance with NACE Standard SP0169-13 and applicable local standards and included with the contract documents to permit installation along with the pipeline.

6. As an alternate, non-metallic piping may be used in lieu of ductile iron piping as allowed by State and local codes. Non-metallic piping does not require the implementation of any special type of corrosion prevention measures. However, all metallic valves, fittings and appurtenances on non-metallic piping will require protection as specified below.

Ductile Iron Fittings & Metallic Valves (On Plastic Pressure Piping)

1. All direct buried ductile iron fittings installed on non-metallic piping shall be provided with a bituminous coating from the factory and encased in an 8-mil polyethylene bag in the field in accordance with AWWA Specification C-105. All bolts, restraining rods, etc. shall be coated with bitumastic prior to encasement in the polyethylene bag.

2. All metallic valves shall be coated from the factory (i.e. using powdered epoxy or equivalent type of coating system) and all bolts shall be stainless steel.

3. A sacrificial type of cathodic protection utilizing ***magnesium*** anodes should be installed to protect the valves and fittings. Cathodic protection should be designed in accordance with NACE Standard SP0169-13 and applicable local standards and included with the contract documents to permit installation along with the pipeline.

Steel Pipelines (Natural Gas Pipelines & Risers)

1. A fusion-bonded epoxy coating system or a suitable tape coating should be applied to all buried steel pipelines in accordance with ANSI/AWWA C214-95, “AWWA Standard for Tape Coating Systems for the Exterior of Steel Water Pipelines.” Also, a tape coating per AWWA Standard C209-95 is recommended for special sections, connections and fittings.

2. Insulating flanges and/or couplings should be installed to electrically isolate the buried portions of steel pipelines from other metallic pipelines, reinforced concrete structures and above grade structures.

3. All rubber gasket joints, fusion epoxy coated flanges and flexible couplings should be bonded with insulated copper cable to insure electrical continuity of the pipeline and fittings.

4. A sacrificial type of cathodic protection using ***magnesium*** anodes should be installed to protect the buried portions of steel pipelines used for the natural gas piping systems. Cathodic protection should be designed in accordance with NACE Standard SP0169-13 and applicable local standards and included with the contract documents to permit installation along with the subject pipeline.

5. As an alternate, non-metallic piping may be used in lieu of steel piping as allowed by State and local codes. Non-metallic piping does not require the implementation of any special type of corrosion prevention measures.

Cast Iron (Gravity Sewer and Storm Drain Lines)

1. Sewer and storm drain lines should be wrapped in 8-mil polyethylene as specified in AWWA specification C-105.

Copper Water Pipelines (Service Lines)

1. Direct buried copper water service lines should be encased in 6-mil minimum polyethylene as specified in the AWWA specification C-105.

2. All copper water laterals shall be electrically isolated from metallic water mains via the use of insulating type corporation stops installed at the water main.

3. A sacrificial type of cathodic protection using ***magnesium*** anodes should be installed to protect the buried portions of the copper pipelines. Cathodic protection should be designed in accordance with NACE Standard SP0169-13 and applicable local standards and included with the contract documents to permit installation along with the subject pipeline.

Stainless Steel Risers

1. Direct buried stainless steel risers should be primed and wrapped with Polyguard 'RD-6' coating system.

2. Insulating flanges and/or couplings should be installed to electrically isolate the buried portion of the stainless steel riser from other metallic pipelines, reinforced concrete structures and above grade buildings or structures.

3. A sacrificial type of cathodic protection utilizing ***magnesium*** anodes should be installed to protect the buried portions of the stainless steel riser used for the water piping systems. Cathodic protection should be designed in accordance with NACE Standard SP0169-13 and applicable local standards and included with the contract documents to permit installation along with the subject pipeline.

LIMITATIONS

The conclusions and recommendations contained in this report reflect the opinion of the author of this report and are based on the information and assumptions referenced herein. All services provided herein were performed by persons who are experienced and skilled in providing these types of services and in accordance with the standards of workmanship in this profession. No other warrantees or guarantees either expressed or implied are provided.

We thank you for the opportunity to be of assistance on this important project. If you have any questions concerning this report or the recommendations provided herein, please feel free to contact us at (925) 927-6630.

Respectfully submitted,

Brendon Hurley
JDH CORROSION CONSULTANTS, INC.
Field Technician

Mohammed Ali., P.E.
JDH Corrosion Consultants, Inc.
Senior Corrosion Engineer

CC: File 2022079

REFERENCES

1. *Ellis, William J., Corrosion of Concrete Pipelines, Western States Corrosion Seminar, 1978*

2. *AWWA Manual of Water Supply Practices - M27, First Edition, External Corrosion - Introduction to Chemistry and Control (Denver, CO: 1987)*

3. *National Association of Corrosion Engineers, Standard Recommended Practice, SP 01-69-13, Control of External Corrosion on Underground or Submerged Pipeline*

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Client: Kleinfelder
Client's Project No.: 20222047.001A
Client's Project Name: 475 Sycamore Dr. Warehouse
Date Sampled: 3-Sep-21
Date Received: 9-Sep-21
Matrix: Soil
Authorization: Chain of Custody

Date of Report: 21-Sep-2021

Job/Sample No.	Sample I.D.	Redox (mV)	pH	Resistivity (As Received) (ohms-cm)	Resistivity (100% Saturation) (ohms-cm)	Sulfide (mg/kg)*	Chloride (mg/kg)*	Sulfate (mg/kg)*
2109013-001	B-1, 1 @1-5'	+190	9.01		1,100	-	15	27

Method:	ASTM D1498	ASTM D4972	ASTM D1125M	ASTM G57	ASTM D4658M	ASTM D4327	ASTM D4327
Reporting Limit:	-	-	-	-	50	15	15
Date Analyzed:	17-Sep-2021	17-Sep-2021		14-Sep-2021	-	17-Sep-2021	17-Sep-2021

* Results Reported on "As Received" Basis
N.D. - None Detected

for Cheryl McMillen
Laboratory Director

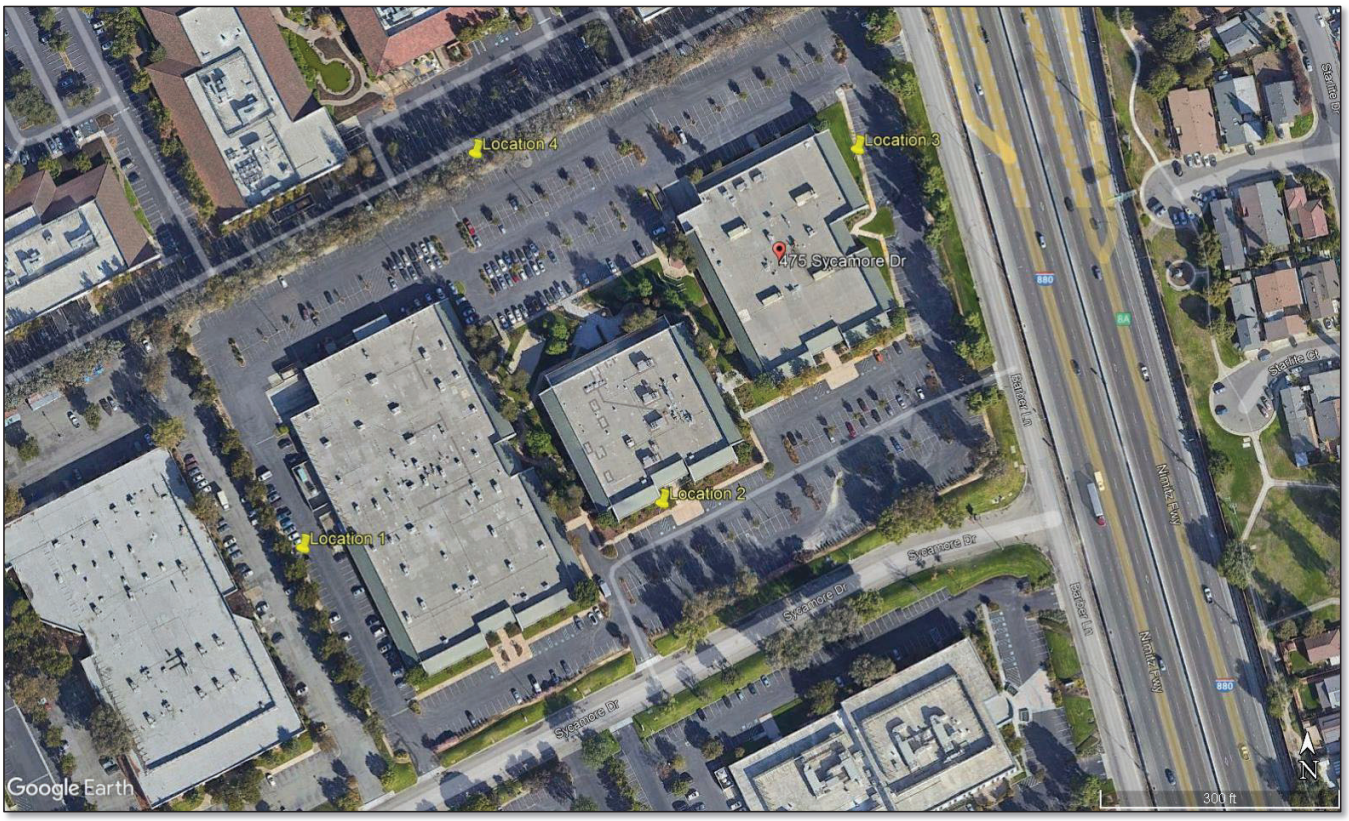
Quality Control Summary - All laboratory quality control parameters were found to be within established limits

Client:	***Kleinfelder***
Project:	***475 Sycamore Drive***
Location:	***Milpirtas, CA***
Date:	***3/14/2022***
Subject:	***In-Situ Soil Resistivity Data***

Severely Corrosive
Corrosive
Moderately Corrosive
Mildly Corrosive
Progressively Less Corrosive

*Test	Location	Resistance Data From AEMC Meter					Soil Resistivities (ohm-cm)					Barnes Layer Analysis (ohm-cm)				
#	Description	2.5	5	7.5	10	15	2.5	5	7.5	10	15	0-2.5'	2.5-5'	5-7.5'	7.5-10"	10-15'
1	Position 1	11.30	3.94	1.59	0.98	0.53	5,410	3,773	2,284	1,877	1,522	5,410	2,896	1,276	1,223	1,105
2	Position 2	3.50	1.24	0.95	0.64	0.46	1,676	1,187	1,364	1,226	1,321	1,676	919	1,945	939	1,566
3	Position 3	3.41	0.88	0.53	0.49	0.16	1,633	843	761	938	460	1,633	568	638	3,108	227
4	Position 4	1.43	0.49	0.33	0.14	0.09	685	469	474	268	259	685	357	484	116	241

In-situ Locations



jdh corrosion consultants, inc.

Iwasa Consulting

APPENDIX D

Site Response Analysis by Others

APPENDIX F
SITE RESPONSE ANALYSIS

SUBJECT: **Duke Warehouse Sycamore**
475 Sycamore Drive, Milpitas, California

PRJ. NO.: 20222047.001A

FROM: Zia Zafir, PhD, PE, GE and Troy Covill

INTRODUCTION

This appendix presents the results of Kleinfelder's site response analyses for the proposed project in Milpitas, California. Based on the review of the available geotechnical investigation data by Kleinfelder, and the liquefaction analyses, there is a liquefaction potential at the site for some layers deeper than 20 feet below ground surface. However, the building period is less than ½ sec. Therefore, the site is not classified as Site Class F for ground motion purposes, and it does not require site response analysis. However, based on our discussions with the design team, we believed that a site response analysis is appropriate for this site because it would be able to capture the response of potentially liquefiable soils under seismic loading. According to Section 11.4.8 of ASCE 7-16, site response analysis is allowed for any site. Therefore, a site response analysis was performed in general accordance with Section 21.1 of ASCE 7-16, which is referenced in the 2019 California Building Code (CBC). The purpose of this analysis is to develop the site-specific seismic design parameters which will be used for the seismic design of the proposed structure.

Project Location

The project site is located in Milpitas, California. The approximate site coordinates are:

Latitude: 37.4111° N
Longitude: 121.9137° W

Analysis Approach

The site response analysis was performed in general accordance with the requirements of the 2019 CBC and Section 21.1 of ASCE 7-16. The scope of the analysis includes the following:

- Review of geotechnical investigation data and development of one idealized soil profile, to be used in the site response analyses;
- Estimate of an appropriate V_{S30} value for the soil/decomposed rock at the bottom of the soil profile;

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- Development of a Risk-Targeted Maximum Considered Earthquake (MCE_R) target response spectrum at the base of the soil column per Section 21.2 of ASCE 7-16 using the estimated V_{S30} value at that depth;
- Deaggregation analyses of the hazard to estimate the controlling seismic sources, magnitudes, and distances associated with the period range of interest for the target spectrum;
- Selection and spectral modification of five acceleration time histories based on the target spectral shape, earthquake magnitude, distance, site condition, frequency content, and other factors from historical earthquake records;
- Nonlinear (NL) (total stress and effective stress) site response analyses for the soil profile using the spectrally-matched time histories; and
- Development of the site-specific design acceleration response spectrum and seismic design parameters using the results of site response analyses per Sections 21.3 and 21.4 of ASCE 7-16, respectively.

SUBSURFACE CHARACTERIZATION

Subsurface characterization was developed based on the information available from the site-specific field investigation performed in 2022 especially two seismic CPTs performed in March 2022. Primarily, we used the data from the two seismic CPTs (SCPT-01 and SCPT-02) performed in March 2022 to develop soil profile for the site response analysis.

Subsurface Geology and Stratigraphy

The project site is generally underlain by alluvial deposits, consisting mostly of sands, silts, and clays with potentially liquefiable layers. Further details regarding the characteristics and conditions of the site geology are provided in the main report. The generalized best estimate profile and associated material properties are presented in Tables F1 and F2.

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TABLE F1: MATERIAL PROPERTIES FOR SITE RESPONSE ANALYSIS

Layer		Depth (ft)	Elevation (ft)	$(N_1)_{60}$	Effective Friction Angle, φ' (deg)	Undrained Shear Strength, S_u (psf)	Over-Consolidation Ratio (OCR)	K_o[1]	Plasticity Index (PI)	Fines Content (%)	Unit Weight, γ (pcf)	Shear-Wave Velocity, V_s (ft/sec)
Sandy Lean CLAY	Top	0	30	10	-	1500	24.6 to 5.0	1.0	10	70	125	640
	Bottom	7	23									
Lean to Fat CLAY (a)	Top	7	23	10 to 15	-	1500 to 2750	5.9 to 7.7	1.0	10	85	125	640
	Bottom	11	19									
Lean to Fat CLAY (b)	Top	11	19	15 to 22	-	2750 to 4000	8.9 to 10.6	1.0	12	85	125	640
	Bottom	16	14									
Lean to Fat CLAY (c)	Top	16	14	22 to 7	-	4000 to 1400	9.5 to 4.6	1.0	12	85	125 to 120	740
	Bottom	21	9									
Silty to PG SAND with Silt	Top	21	9	7 to 35	33 to 38	-	1	0.45 to 0.39	-	15	120 to 122.5	740
	Bottom	35	-5									
PG SAND with Gravel	Top	35	-5	35	42	-	1	0.33	-	5	122.5 to 125	900
	Bottom	48	-18									
Lean CLAY (a)	Top	48	-18	8	-	3200	4.1 to 3.1	1.0 to 0.88	12	75	120	950
	Bottom	70	-40									
Lean CLAY to SILT	Top	70	-40	8	-	3200	3.0 to 2.7	0.87 to 0.81	12	75	120	950
	Bottom	85	-55									
Lean CLAY (b)	Top	85	-55	8	-	3200 to 4000	2.6	0.81	12	75	120	950
	Bottom	100	-70									
Half Space	Top	100	-70	-	-	-	-	-	-	-	120	1100

Notes:

1. K_0 is the at-rest earth pressure coefficient.
2. OCR is over-consolidation ratio.
3. PI is plasticity index.

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Table F2 : NON-LINEAR AND POREWATER PRESSURE PARAMETERS

Layer	Modulus Reduction / Damping	No. of Sub Layers (Thickness)	Shear-Wave Velocity (ft/s)	Max. Frequency Passing (Hz)	Max Ru	f	p	F	s	γ_{tvp}	v
Sandy Lean CLAY	Darendeli (2001)	4 (1.75 ft)	640	73	-	-	-	-	-	-	-
Lean to Fat CLAY (a)	Darendeli (2001)	2 (2 ft)	640	64	-	-	-	-	-	-	-
Lean to Fat CLAY (b)	Darendeli (2001)	3 (1.67 ft)	640	77	-	-	-	-	-	-	-
Lean to Fat CLAY (c)	Darendeli (2001)	3 (1.67 ft)	740	89	-	-	-	-	-	-	-
Silty to PG SAND with Silt	Darendeli (2001)	6 (2.33 ft)	740	63	0.95	2	1	1.2	1	0.05	1
PG SAND with Gravel	Darendeli (2001)	5 (2.6 ft)	900	69	0.95	2	1	0.85	1	0.05	1
Lean CLAY (a)	Darendeli (2001)	8 (2.75 ft)	950	69	-	-	-	-	-	-	-
Lean CLAY to SILT	Darendeli (2001)	5 (3 ft)	950	63	-	-	-	-	-	-	-
Lean CLAY (b)	Darendeli (2001)	5 (3 ft)	950	63	-	-	-	-	-	-	-
Half Space	Rigid	Half Space									

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Based on the in-situ groundwater levels, the design groundwater is selected at the depth of 7 feet below ground surface, for the site response analyses. The shear strength is calculated at the mid-depth of each soil layer using the vertical effective stress and friction angle for sands and estimated as the undrained shear strength using the available field and laboratory data and correlations for clays. The design shear wave velocity profiles are estimated primarily using the available shear wave velocity data measured from the two seismic cone penetration tests (CPTs), SCPT-01 and CPT-02, completed by Kleinfelder in 2022. The layer thickness is selected for the nonlinear analyses such that the maximum frequency that can propagate through each soil layer is greater than 30 Hz.

Site Class

Based on the shear wave velocity data, the site is classified as a Site Class D site per Section 20.3.1 of ASCE 7-16.

For the purpose of site response analysis, the base of the soil column is defined as Site Class D as discussed below.

The shear wave velocities from the seismic CPTs are plotted in Figure F-1, along with the design shear wave velocity profiles. It should be noted that the V_{S30} value used to evaluate the site class is different from that used to develop the base target spectrum, as mentioned below.

For site response analysis, the base of the soil column was selected at a depth of about 100 feet based on the data provided in CPTs. At the depth of 100 feet, the V_{S30} value was assumed to be about 1,100 ft/s (335 m/s) at the base of the soil column which is within the limits used to define Site Class D and will be used to develop the input base target spectrum.

DEVELOPMENT OF BASE GROUND MOTIONS

Development of base ground motions includes developing a target response spectrum at the base of the soil columns and then selecting and spectrally matching time histories to the target spectrum to be used in the site response analyses. According to Section 21.1.1 of ASCE 7-16, the base target spectrum should be an MCE_R response spectrum. A site-specific ground motion hazard analysis (GMHA) was performed per Section 21.2 of ASCE 7-16 to develop the base target MCE_R spectrum which will be used for selecting and spectrally matching the input base ground motions. The GMHA generally includes a representative seismic source model (geometry, style of faulting, magnitude, etc.), appropriate recurrence relationships, and appropriate ground motion models (aka. attenuation relationships).

First, a brief discussion of the seismotectonic setting, regional faulting and historic seismicity is provided below. The regional seismotectonic setting, regional faulting and historic seismicity inform the selection of an appropriate seismic source model and provide context for the likely potential for future earthquakes to impact the site.

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Seismotectonic Setting

The site is located within the greater Santa Clara Valley, in the Coast Ranges geomorphic province in the Western United States (WUS) along the predominantly right lateral transform margin between the Pacific and North American Plates. The Coast Ranges are northwest-trending mountain ranges and valleys, subparallel to the San Andreas fault zone. The Hollister Valley is bounded by the Gabilan Range to the southwest and the Diablo Range to the northeast. Regionally, stress build up is associated with the northeast relative movement of the Pacific Plate and extensional relaxation of the Basin and Range. These stresses are accommodated primarily by displacements on faults within the San Andreas fault zone, and to a lesser extent by displacements on faults within the Walker Lane Belt (near California/Nevada border, Unruh and Humphrey, 2017; Field et al., 2013).

Regional Faulting and Historic Seismicity

Based on the information provided in Bryant and Hart (2007), the site is not located within a State-designated Alquist-Priolo Earthquake Fault Zone where site-specific studies addressing the potential for surface fault rupture are required and no known active faults are mapped traversing the site. However, the site is located close to several active faults where historic seismic activities have been observed in the past.

The nearest fault to the site is the Hayward fault zone located approximately 4.8 km to the east of the site. Other nearby major fault sources include the N. San Andreas fault zone, the Sargent fault, the Monte Vista-Shannon fault and the Calaveras fault. Any seismic activity on these faults could cause significant ground shaking at the site. These and other potential seismogenic sources are identified on Figure F-2.

Patterns of historic seismicity are used to identify potentially active sources, develop on- and off-fault recurrence rates, and understand the historic impacts from seismicity at a site. A catalog of events is typically used, such as those developed and used by the Uniform Earthquake Rupture Forecast version 3 (UCERF3, Field et al., 2013). For this study, we compiled and reviewed data from the USGS ANSS Comprehensive Earthquake Catalog which contains data from multiple sources from 1800 to 2021 within 300 km of the site. We also reviewed the catalog of historic events developed and used by the UCERF3 project. Comparison of these two catalogs indicates generally good agreement. In addition, we obtained information about California earthquakes having M≥5 from CGS Map Sheet 49 (Toppozada et al., 2000).

Significant regional seismicity includes the 1868 (M_w 6.8) Hayward earthquake, the 1906 San Francisco (M_w 7.9) earthquake, the 1838 San Andreas Fault (M_w 7.4) earthquake, and the 1989 Loma Prieta (M_w 6.9) earthquake. Historic seismicity within 100 km of the site is depicted on Figure F-2.

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A publication prepared by the U.S. Geological Survey regarding earthquake probabilities in the Bay Area (Working Group on California Earthquake Probabilities, 2014) concludes that there is a 72 percent chance that one of the major faults within the Bay Area will experience a major (M 6.7+) earthquake during the period of 2014 to 2043. This publication also shows that there is a 51 percent chance of M 7+ earthquake and 20 percent chance of M 7.5+ happening before 2043. These probabilities are significant and require mitigation. As has been seen in the past earthquakes such as the 1994 (M 6.7) Northridge earthquake, that this level of shaking could cause significant damage to the built environment.

Seismic Source Model

Based on our review of the seismotectonic setting and nearby active sources we have selected the Petersen et al. (2014) source model, which has been used in USGS 2014 National Seismic Hazard Mapping program, as the base model for our evaluations. The Petersen et al. (2014) source model generally uses the sources developed by the UCERF3 project within California (which utilizes two alternative fault models, FM 3.1 and 3.2) to model on-fault seismicity. Off-fault seismicity (e.g., background seismicity) is modeled using gridded seismic sources from UCERF3. The UCERF3 source model has been used in developing the 2014 USGS National Seismic Hazard Maps and is appropriate for use in modeling seismicity based on the 2019 CBC.

Shallow crustal fault sources from the regional model within 300 km of the site have been included in the model, with subduction earthquake sources included out to 1000 km as recommended by the USGS (Petersen et al., 2014). Based on review of the nearby and significant sources it was felt that the existing UCERF3 model generally adequately captured the seismicity in the region. The source model used for this work is shown on Figure F-3.

‘Grand Inversion’ and Recurrence Rates

The earthquake recurrence rates used within the source model used for this project were derived from work completed for UCERF3 as implemented by Petersen et al. (2014) using the branch averaged solutions of the ‘grand inversion’. The ‘grand inversion’ scheme used by the UCERF3 project team ‘solved’ the on-fault and off-fault recurrence rates at a system level using a set of defined constraints including the spatial probability density of off-fault seismicity, slip rate balancing, paleoseismic event rate matching, fault smoothness constraint, regional magnitude frequency distribution constraints, and fault section specific magnitude frequency distribution constraints. In simple terms the ‘grand inversion’ solves for three things: large on-fault (supra-seismogenic) event rates; small, near-fault (subseismogenic) event rates; and truly off-fault (unassociated) event rates. The supra-seismogenic ‘on-fault’ events are ultimately modeled using linear fault sources; while the latter two categories (subseismogenic and off-fault) are considered ‘background seismicity’ and are modeled using spatially smoothed ‘grid’ of evenly spaced cells (aka. gridded seismicity). The combined on-fault and off-fault solution set (fault system solution) used the logic tree solution framework shown in a generalized form on Figure F-4; and our model implemented the branch averaged solutions.

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In the source model used for this work, the on-fault seismicity considers two potential alternative fault models, equally weighted, identified as fault model 3.1 (FM 3.1) and fault model 3.2 (FM 3.2). These fault models each contain a slightly different collection of fault traces that are broken into 'segments' for modeling purposes, with individual 'segments' strung together to create hundreds of thousands of potential fault-based ruptures or multi-rupture events. In our model, fault segments are modeled using a 'characteristic' magnitude frequency distribution (originally described by Schwartz and Coppersmith, 1984) with the recurrence rates constrained during the 'grand inversion' by the UCERF2 'characteristic' inversion branch. Fault slip rates (deformations) are constrained by a combination of a 'pure' geologic deformation model and three other models that consider geologic and geodetic data including the average fault block model, NeoKinema model, and Zeng-Shen model. The magnitude-area relationships used along with the associated slip-length models as well as other solution constraints applied are shown with weights on Figure F-4 and discussed in detail in Field et al. (2013).

Off-fault seismicity (e.g., background seismicity) recurrence rates are solved for simultaneously by the 'grand inversion'. This off-fault background seismicity is intended to include all smaller earthquakes (M_w<~6.5) on major faults and earthquakes of all sizes that are not associated with known faults. The off-fault background seismicity considers spatial smoothing of a 'grid' of evenly spaced cells using the spatial probability density function (PDF) grids of off-fault seismicity from UCERF2 and UCERF3 (equally weighted), considering the regional constraints on the model including the total regional magnitude-frequency distribution (e.g. Gutenberg-Richter distribution), maximum off-fault magnitude (7.3, 7.6, or 7.9 weighted as 0.1, 0.8 and 0.1 respectively), number of regional events per year greater than a magnitude 5 (considered between 6.5 and 9.6) and other constraints as shown on the logic tree (see Figure F-4). The branch averaged gridded seismicity solution for each fault model, as implemented by Petersen et al. (2014), is used in the source model for this work.

Ground Motion Models

Site-specific ground motions can be influenced by the styles of faulting, magnitudes of the earthquakes, and local soil conditions. Other effects such as near source or basin effects can also influence the ground motions. The ground motion models (GMMs) used to estimate ground motion from an earthquake source need to directly or indirectly consider these effects. Many GMMs have been developed to estimate the variation of spectral acceleration with earthquake magnitude and distance from the site to the source of an earthquake.

We have used four of the Next Generation Attenuation (NGA) West 2 relationships including Abrahamson et al. (2014), Boore et al. (2014), Chiou and Youngs (2014), and Campbell and Bozorgnia (2014) with equal weights applied for all crustal faults (e.g., reverse, strike-slip, normal) included in the fault model. Idriss (2014) GMM has not been used as the seismic source distances used in our analyses are outside the limits of Idriss (2014) GMM and the V_{S30} used for the base

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target spectrum is outside the range of this relationship. The $Z_{1.0}$ and $Z_{2.5}$ values of about 600 m and 2.8 km were used based on the values obtained from nearby recording stations.

Spectral acceleration values were obtained by averaging the individual hazard results. These GMMs provide ‘mean’ (RotD50) values of ground motions associated with magnitude, distance, site soil conditions, and mechanism of faulting.

Ground Motion Hazard Analysis

According to ASCE 7-16, the Risk-Targeted Maximum Considered Earthquake (MCE_R) is the most severe earthquake load considered by that standard and is considered at the orientation that results in the maximum response to horizontal ground motions with adjustment for targeted risk as defined by that standard. The site-specific MCE_R is developed in accordance with Section 21.2 of ASCE 7-16 using a site-specific ground motion hazard analysis procedure and is the lesser of: (1) the probabilistic MCE_R ground motion taken as the five percent damped uniform hazard spectrum for a 2 percent probability of exceedance in 50 years (i.e., return period of about 2,475 years) adjusted for risk factors and for the maximum direction; and (2) the deterministic MCE_R ground motion taken as the 84th percentile (median + 1 standard deviation) deterministic values (adjusted for the maximum direction) from the controlling fault(s) factored as required by Section 21.2.2 of ASCE 7-16. The resulting site-specific spectrum may not be less than the 80 percent of the code spectrum developed in accordance with Chapter 11 of ASCE 7-16.

Both probabilistic and deterministic seismic hazard analyses should be used to estimate the spectral accelerations used to develop the site-specific MCE_R unless the deterministic spectrum need not be calculated per Section 21.2.2 of ASCE 7-16 Supplement 1. Details of our evaluation are provided below.

For this work, a probabilistic seismic hazard analysis (PSHA) procedure was used to estimate the ground motion parameters (e.g., peak and spectral ground accelerations). The PSHA approach uses a logic tree approach to appropriately account for epistemic and aleatoric uncertainty in the model. The logic tree includes information about uncertainties in the source models, ground motion models, and other items impacting the results. Important source characteristics include such items as magnitude and recurrence interval of potential seismic events, distance from the site to the causative source, and other parameters. The effects of site soil conditions and other considerations such as basin effects can be accounted for using ground motion models (GMMs).

The theory behind the empirical probabilistic approach to seismic risk analysis has been developed over many years (Cornell, 1968, 1971; Merz and Cornell, 1973; SSHAC, 1997), and is based on the "total probability theorem". Generally, this work uses an assumption that earthquake events are independent of time and space from one another (e.g., time-independent models). According to this approach, the probability of exceedance $P_E(z)$ at a given level of ground motion, z, at the site within a specified time period, t, is related to the annual frequency of exceedance v(z) by:

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$$P_E(z) = 1 - \exp(-v(z) * t)$$

Different probabilities of exceedance may be selected, depending on the level of performance required. The return period is essentially equivalent to the reciprocal of v(z).

The PSHA is conducted using three generalized steps: 1) development of an appropriate seismic source model including source characterization, development of recurrence relationships, and appropriately capturing uncertainty, 2) selection of appropriate ground motion models (and site amplification models if appropriate), and 3) conducting the calculation and processing the results. The annual frequency of exceedance of a certain ground motion level can be found by summing the rates for all sources, N, with the rate for each source determined by summing over all magnitudes and source to site distances, and so forth. The annual frequency of occurrence of earthquakes of magnitude, m_i, on seismic source, n, is $\lambda(m_i)$. The probability of an earthquake of magnitude m_i on source n occurring at a certain distance, r_j, from the site is $P(R = r_j \mid m_i)$ while the probability that the ground motion level, z, will be exceeded is given as $P(Z>z \mid m_i, r_j)$. Thus, mathematically the basic formulation for the annual frequency of exceedance, v(z), is given by:

$$v(z) = \sum_N \left[\sum_M \lambda(m_i) * \sum_R P(R = r_j \,|\, m_i) * P(Z > z \,|\, m_i, r_j) \right]$$

Modern computers make the above calculation, while computationally expensive, easily implementable. We have used the computer program HAZ (Powers, 2017) for our probabilistic analysis which implements the above general equation and evaluations of the probability of exceedance. Uncertainties are accounted for within the source model using the logic tree approach and source model discussed previously.

The deterministic seismic hazard analysis (DSHA) approach is also based on the characteristics of the earthquake and the causative fault associated with the earthquake. These characteristics include such items as magnitude of the earthquake and distance from the site to the causative fault. The effects of site soil conditions and mechanism of faulting are also accounted for in the GMMs. Per ASCE 7-16, the 84th percentile deterministic site-specific spectral acceleration values should be used for DSHA with the exception that the deterministic spectrum need not be calculated when the largest spectral acceleration from the probabilistic spectrum is less than $1.2*F_a$. If the largest spectral acceleration from the resulting deterministic 84th percentile maximum horizontal spectrum is less than $1.5*F_a$, then the spectrum is scaled by a single factor such that the maximum spectral value equals $1.5*F_a$. The value of F_a is taken from either Table 11.4.1 (Site Classes A to D) with a value of S_s equal to 1.5 or set equal to 1.0 (Site Class E) for purposes of these comparisons.

Since the site is located close to several significant faults in the region, for the deterministic evaluations, we used the NGA West 2 spreadsheet (PEER, 2015) to calculate deterministic values for some of the nearby faults, and used the USGS Earthquake Scenario Map (BSSC 2014) (from https://earthquake.usgs.gov/scenarios/catalog/) in determining the contributing faults and their parameters for deterministic analysis. The faults include the Hayward fault zone, N. San And

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reas fault zone, Monte Vista-Shannon and Calaveras fault. Based on our results, the deterministic spectrum is controlled by the Hayward fault zone with M7.58 and Rrup of about 4.8 km. The computed 84th percentile deterministic spectrum adjusted for maximum direction is shown on Figure F-5. Since the maximum spectral acceleration is greater than 1.5*Fa, there is no need to scale it up.

Site-Specific Target MCE_R Spectrum

To develop the site-specific target response spectrum, we first obtained the general seismic design parameters, as presented in Table F3, based on the site class, site coordinates, and the risk category based on Chapter 11 of ASCE 7-16 using the OSHPD online tool (https:/seismicmaps.org) which accesses the USGS database.

TABLE F3: GENERAL GROUND MOTION PARAMETERS BASED ON ASCE 7-16

Parameter	Value	ASCE 7-16 Reference
S_S	1.755g	Fig 22-1
S_1	0.666g	Fig 22-2
Site Class	D	Table 20.3-1
F_a	1.0	Table 11.4-1
F_v	N/A	Section 11.4.8
S_{MS}	1.755g	Eq. 11 4-1
S_{M1}	N/A	Section 11.4.8
S_{DS}	1.170g	Eq. 11.4-3
S_{D1}	N/A	Section 11.4.8
C_{RS}	0.937	Fig 22-18A
C_{R1}	0.918	Fig 22-19A
PGA	0.738g	Fig 22-9
F_{pga}	1.1	Table 11.8-1
PGA_M	0.812g	Eq. 11.8-1
T_L	12 seconds	Fig 22-14

[1]N/A = Not Applicable; Section 11.4.8 of ASCE 7-16 requires a site-specific ground motion hazard analysis be performed for Site Class D sites with S_1 values greater than or equal to 0.2g. However, if exceptions are taken, then an F_v value of 1.7 could be used only to calculate the Ts value.

The MCE_R response spectrum is generally developed by comparing probabilistic, deterministic, and 80% of the general procedure code spectra. The NGA West 2 GMMs present the spectral accelerations in terms of 'mean' (RotD50) values of the rotated two horizontal components of ground motion. To estimate spectral accelerations in the direction of the maximum horizontal response (e.g., RotD100) at each period from geometric mean values, we have used the scaling

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factors of Shahi and Baker (2014). These values were used as they more accurately represent the appropriate factors to apply using the NGA West 2 relationships. These factors are shown in Table F3. In addition, the probabilistic spectrum was adjusted for targeted risk using risk coefficients C_{RS} and C_{R1} (e.g., Method 1 of Section 21.2.1 of ASCE 7-16). C_{RS} and C_{R1} were estimated from Figures 22-18A and 22-19A of ASCE 7-16 and are listed in Table F3. C_{RS} is applied on periods of 0.2s or less and C_{R1} is applied on periods of 1.0s or greater and linear interpolation in between as shown in Table F4.

TABLE F4: RISK COEFFICIENTS AND ROTATION FACTORS

Period (second)	Risk Coefficient (ASCE 7-16)	Shahi and Baker (2014) Max Rotation Factor
0.010	0.937	1.190
0.200	0.937	1.210
0.300	0.935	1.220
0.500	0.930	1.230
1.000	0.918	1.240
2.000	0.918	1.240
5.000	0.918	1.260

As mentioned earlier, the geometric mean 84th percentile deterministic values were estimated for the nearby faults and the largest values were then adjusted for the maximum direction. Since the maximum deterministic spectral acceleration is greater than 1.5*F_a, as shown in Figure F-5, there is no need to scale it up to estimate the deterministic lower limit and this spectrum is the governing deterministic spectrum.

Probabilistic and deterministic spectral values are compared in Table F5 for some specific periods and the two spectra are compared in Figure F-6. Figure F-6 and Table F5 show that the deterministic spectrum is lower than the probabilistic spectrum for some periods and higher at some periods. Therefore, the site-specific MCE_R spectrum is governed by both the probabilistic and deterministic spectra. The DE spectrum was developed by taking two-thirds of the MCE_R spectrum. Spectral values for the site-specific MCE_R and DE spectra are listed in Table F6 for some periods, which also compares the DE spectrum with the 80% of the code DE spectrum at those periods. Figure F-7 shows the comparison of the DE spectrum with the 80% of the code DE spectrum. Figure F-7 and Table F6 show that the DE spectrum is higher than the 80% of the code DE spectrum for all periods. Therefore, the site-specific DE spectrum is controlled by the site-specific spectrum. The site-specific MCE_R spectrum is taken as 1.5 times the site-specific DE spectrum, as shown on Figure F-8. Spectral acceleration values for the MCE_R spectrum are listed in Table F7. This MCE_R spectrum is the target spectrum used for selection and spectral matching of the input time histories for site response analyses.

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TABLE F5: RESULTS FROM SITE-SPECIFIC GMHA

Period (second)	84th-Percentile Deterministic Geometric Mean Sa (g)	Max Dir Deterministic Sa (g)	2% in 50 Year Probabilistic Geometric Mean Sa (g)	Risk-Targeted Max Dir Probabilistic Sa (g)
0.010	0.814	0.968	1.125	1.254
0.200	1.764	2.135	2.604	2.953
0.300	2.020	2.464	2.884	3.288
0.500	2.001	2.461	2.675	3.060
1.000	1.403	1.740	1.765	2.009
2.000	0.759	0.941	0.804	1.018
5.000	0.277	0.349	0.314	0.363

TABLE F6: COMPARISON OF DESIGN EARTHQUAKE AND 80% CODE SPECTRA

Period (second)	Site-Specific MCE_R Sa (g)	Site-Specific DE Sa (g)	80% Code DE Sa (g)
0.010	0.968	0.645	0.374
0.200	2.135	1.423	0.936
0.300	2.464	1.643	0.936
0.500	2.461	1.641	0.936
1.000	1.740	1.160	0.888
2.000	0.941	0.627	0.444
5.000	0.349	0.232	0.178

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TABLE F7: SITE-SPECIFIC HORIZONAL TARGET MCE_R SPECTRAL ACCELERATIONS

Period (second)	MCE_R Sa (g) 5% Damping
0.010	0.968
0.020	0.975
0.030	1.005
0.050	1.129
0.075	1.343
0.100	1.547
0.150	1.888
0.200	2.135
0.250	2.334
0.300	2.464
0.400	2.541
0.500	2.461
0.750	2.063
1.000	1.740
1.500	1.246
2.000	0.941
3.000	0.650
4.000	0.469
5.000	0.349

Controlling Earthquake Magnitude and Distance

The target spectrum is controlled primarily by the Hayward fault with a magnitude of 7.58 at a distance of about 4.8 km. However, there are other major faults such as Monte Vista-Shannon, N. San Andreas, and Calaveras faults within 25 km of the site which could impact the seismic hazard at the site. Due to this, we considered an earthquake magnitude range of 6.5 to 7.7 and distance range of 1 to 20 km for selecting time histories for site response analysis. In addition, we considered both strike slip and reverse fault mechanisms when selecting time histories.

Time History Selection and Spectral Matching

Using the target MCE_R response spectrum provided in Figure F-8 and F-7, a suite of five time histories were selected from the PEER Strong Ground Motion Database (PEER, 2014) and spectrally matched to the target spectrum for use in the site response analysis in accordance with ASCE 7-16. The time histories were selected based on several criteria including near-fault pulse motions, scaling factor, site-to-source distance, magnitude, V_{S30}, Arias intensity, duration, style of faulting, shape of response spectrum, etc. These time histories were selected and modified for use in site response analysis only and may not be appropriate for other applications.

Due to the site's close proximity to the Hayward fault zone, both pulse and non-pulse motions were considered during selection of time histories. Based on the methodology presented in Hayden et al. (2014), the distance from the site to the Calaveras fault zone, and an estimated

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epsilon value of about 1.5 to 2, we estimated that the proportion of pulse motions to be selected for the site response analysis is four pulse motions out of five, with the remainder being non-pulse motion.

Other selection parameters included magnitude and V_{S30}, in which time histories with the magnitude and V_{S30} values relatively close to the dominant magnitudes from the deaggregation analyses and the V_{S30} value of 335 m/s (1,100 ft/sec) used for the target spectrum were selected. Considerations for Arias intensity and duration of the ground motions used the methodologies of Travasarou et al. (2003) and Bommer et al. (2009), respectively. The significant durations of the selected ground motions were found to be within the expected durations and sufficiently long enough to induce potential liquefiable behavior of specific layers of the soil profiles during the site response analyses.

Based on these criteria, a suite of five time histories was selected from the PEER database that had a spectral shape after scaling (scaling factors less than 3) generally around the base target response spectrum. These selected ground motion time histories and their associated characteristics are provided in Table F8.

TABLE F8: SELECTED TIME HISTORIES FROM PEER DATABASE

Record No.	Event Name/Station/Component	Year	M_w	Distance R_{rup} (km)	V_{S30} (m/s)	Faulting Mechanism	D_{5-95} (sec)	I_A (m/s)	LUF (Hz)	Pulse Period (sec)
RSN 828	Cape Mendocino/ Petrolia/90º	1992	7.01	8.2	422	R	17.7	3.8	0.07	2.996
RSN 864	Landers/Joshua Tree/90º	1992	7.28	11.03	379	SS	27.1	2.3	0.07	-
RSN 1176	Kocaeli/Yarimca/150º	1999	7.51	4.83	297	SS	15.1	1.3	0.0875	4.95
RSN 4847	Chuetsu-Oki-Japan/Joetsu-Kakizakiku	2007	6.8	11.94	383	R	20.3	2.3	0.0875	1.4
RSN 6906	Darfield-New Zealand/GDLC/N55W	2010	7.0	1.22	344	SS	16.0	4.7	0.0625	6.23

Notes: Definitions: M_w – Moment Magnitude; R – Reverse fault; RO – Reverse Oblique fault; SS – Strike-slip fault; D_{5-95} – Significant Duration; I_A – Arias Intensity; LUF – Lowest Usable Frequency

The selected ground motions from the PEER database were then modified by performing spectral matching using the RSPMatch program developed by Atik and Abrahamson (2010) as implemented in the computer program EZ-FRISK™ (Risk Engineering, 2018) which generally implements the spectral matching algorithm proposed by Lilhanand and Tseng (1987, 1988) with an updated wavelet adjustment to preserve the non-stationary characteristics of the ground motions. Spectral matching was completed such that the resulting spectrum was generally in good agreement with the target spectrum particularly over the period range of interest. The spectrally matched ground motions were compared with the PEER database original ground motions to ensure that the matching process retained the non-stationary characteristics of the record.

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The selected, spectrally matched time histories used as the input “outcrop” ground motions in the site response analyses, along with the original time histories as obtained from the PEER database, are presented in Figures F-9 through F-13.

SITE RESPONSE ANALYSIS

Site response analysis was completed in general accordance with the 2019 CBC and Section 21.1 of ASCE 7-16. Evaluations were completed using the design soil profiles, the selected and spectrally matched time histories as the “outcrop” ground motions in conjunction with one-dimensional (1D) nonlinear time-domain total stress (without porewater pressure generation) and effective stress (with porewater pressure generation and dissipation), site response analyses using the computer program DEEPSOIL V7.0 (Hashash et al., 2020). Results of the site response analysis were used to develop the site-specific design acceleration response spectrum and seismic design parameters for the project. Details of the site response analysis methodology and results are presented in the subsequent sections.

Models and Parameters

The shear modulus reduction and damping ratio curves for the soils were estimated using the Darendeli (2001) model. In addition to the material properties listed in Table F1, the loading frequency and number of loading cycles were specified 1 Hz and 10, respectively, per the recommendations of Darendeli (2001). To account for the design shear strengths at large shear strain levels, the reference backbone curves by Darendeli (2001) were used to fit the general quadratic/hyperbolic (GQ/H) backbone curve, as described by Groholski et al. (2016) and implemented in DEEPSOIL V7.0. In addition, the reference damping ratio curves were used to fit the non-Masing unloading-reloading relationship using the modulus reduction and damping curve fitting (MRDF) Pressure-Dependent Hyperbolic model (Phillips and Hashash, 2009). The fitting procedure was applied to each layer in the soil model. Therefore, the soil model can capture better both the small-strain soil behavior and the design shear strength at larger strain levels.

In the NL effective stress analyses, the excess porewater pressure (PWP) generation in the sands is simulated using the Dobry and Matasovic model, which is based on the equation proposed by Matasovic and Vucetic (1993). The input parameters for the Dobry and Matasovic PWP model for sands, including the dimensionality factor, f, curve fitting parameters, p, F, and s, threshold shear strain, γ_{tvp}, and degradation parameter, v, are listed in Table F2. The factor f of 2 is used to approximate the porewater pressure buildup under bi-directional shaking in the 1D analyses. As summarized in Carlton (2014), the values of p range within +-7.1% of 1 for different types and relative densities of sands. Therefore, the p equal to 1 is often assumed for practical purposes, in the absence of cyclic undrained laboratory data. The curve fitting parameters, F and s, are estimated using the empirical correlations by Carlton (2014), based on the shear wave velocity and fines content, respectively. The shear wave velocity and the fines content are listed in Table F1 based on the soil types and grain size distribution data. The estimated F value is also

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evaluated against the chart by Mei et al. (2015) to ensure it is within the reasonable range. The parameters, γ_{tvp} and v, are specified to be 0.02% and 1, respectively, based on the values summarized in Carlton (2014) for similar sand properties.

The viscous small-strain damping used a frequency independent formulation implemented in DEEPSOIL V7.0 as recommended by Hashash et al. (2020). The selected, spectrally matched acceleration time histories were inputted as “outcrop” ground motions at the base of the two soil profiles. The elastic half space is selected to model the “bedrock” at the base of the soil columns, as the “outcrop” ground motions are being used.

Results and Recommendations

Results of site response analysis in terms of shear strains with depth for each time history are presented in Figure F-14. Results in terms of peak ground acceleration (PGA) with depth for each time history and both total stress and effective stress nonlinear analyses are presented in Figure F-15. The surface response spectra of all the ground motions and the average response spectrum curves are plotted in Figure F-16 for both total stress and effective stress nonlinear analyses, along with the input base response spectrum plotted for comparison. To develop the site-specific design acceleration response spectrum, amplification factors were calculated based on the input motions and surface motions. The resulting average amplification factors are presented in Figure F-17. Based on the results presented in Figures F-16 and F-17, it is clear that nonlinear total stress response is higher than the effective stress response. Therefore, we only used the nonlinear total stress results to develop the design spectrum. Figure F-18 shows the two-thirds of average surface spectrum using the amplification factors. This figure also shows the two-thirds average of the surface response spectra at the ground surface for all time histories.

According to Section 21.3 of ASCE 7-16, the ground surface MCE_R response spectrum should not be less than 80 percent of the code MCE_R spectrum for Site Class D. The Site Class D can be justified using the site-specific shear wave velocity measurements, therefore, the exception in Section 21.3 of ASCE 7-16 is taken. The site-specific MCE_R response spectrum as developed per Section 21.1.3 of ASCE 7-16 was compared with 80 percent of the code MCE_R spectrum for Site Class D developed in accordance with Section 11.4.6 of ASCE 7-16, where the site coefficients F_a and F_v are determined per Section 21.3 of ASCE 7-16.

The site-specific design spectrum is then compared with the 80% of the code spectrum as shown in Figure F-18. We enveloped the site-specific and 80% of the code spectrum to obtain the site-specific design response spectrum. Site-specific MCE_R spectrum was obtained by multiplying the design spectrum by 1.5. Resulting DE and MCE_R horizontal response spectra are shown in Figure F-19. The recommended site-specific DE and MCE_R spectral acceleration values are provided in Table F9.

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TABLE F9: RECOMMENDED SITE-SPECIFIC HORIZONTAL SPECTRAL ACCELERATIONS

Period (second)	DE Sa (g)	MCE_R Sa (g)
	5% Damping	
0.01	0.404	0.606
0.02	0.434	0.650
0.03	0.463	0.695
0.04	0.493	0.739
0.044	0.559	0.839
0.05	0.571	0.857
0.053	0.531	0.797
0.08	0.596	0.895
0.10	0.670	1.006
0.15	0.818	1.228
0.20	0.936	1.404
0.25	0.936	1.404
0.30	0.936	1.404
0.40	0.936	1.404
0.50	0.936	1.404
0.67	0.936	1.404
0.73	1.018	1.528
0.75	0.999	1.499
0.80	0.945	1.417
0.95	0.935	1.402
1.00	0.888	1.332
1.15	0.799	1.199
1.50	0.772	1.158
2.00	0.834	1.252
3.00	0.677	1.015
4.00	0.525	0.788
5.00	0.375	0.563

Site-specific ground motion parameters were estimated using the site-specific design response spectrum presented above. According to Section 21.4 of ASCE 7-16, the S_{DS} value should be taken as 90 percent of the maximum spectral acceleration at any period between 0.2 and 5 seconds. Since the site's V_{S30} value is less than 1,200 ft/s (366 m/s), the S_{D1} value is taken as the maximum value of $T*S_a$ between periods of 1 and 5 seconds, where T is the period and S_a is the corresponding spectral acceleration. These spectral accelerations shall not be taken as less than 80 percent of the code-based values as determined by Sections 11.4.4 and 11.4.5 of ASCE 7-16. For this site, S_{DS} value is controlled by the 80 percent of the code-based value, and S_{D1} value is controlled by the spectral acceleration value at 4 seconds. The parameters S_{MS} and S_{M1} are taken as 1.5 times S_{DS} and S_{D1}. Site-specific values of S_{DS}, S_{D1}, S_{MS}, and S_{M1} are presented in Table F10. It should be noted that site-specific S_{D1} and S_{M1} are greater than S_{DS} and S_{MS}, respectively.

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TABLE F10: SITE-SPECIFIC DESIGN ACCERATION PARAMETERS

Parameter	Value (5% Damping)
S_{DS}	0.936g
S_{D1}	2.101g
S_{MS}	1.404g
S_{M1}	3.152g

According to Section 21.5 of ASCE 7-16, the site-specific Maximum Considered Earthquake Geometric Mean (MCE_G) peak ground acceleration, PGA_M, should not be less than 80 percent of the value obtained from equation 11.8-1 of ASCE 7-16. Therefore, the site-specific PGA_M is 0.65g and controlled by the 80% of the code-based PGA_M value, as listed in Table F2. The moment magnitude of about 7.58 from the Hayward fault zone may be used in any geotechnical evaluations at this site.

The Seismic Design Category is determined as specified in the 2019 California Building Code Section 1613.2.5. We understand that the structure is classified as a Risk Category II structure. Based on this and the site-specific seismic design parameters developed above the structure is classified as a Seismic Design Category D.

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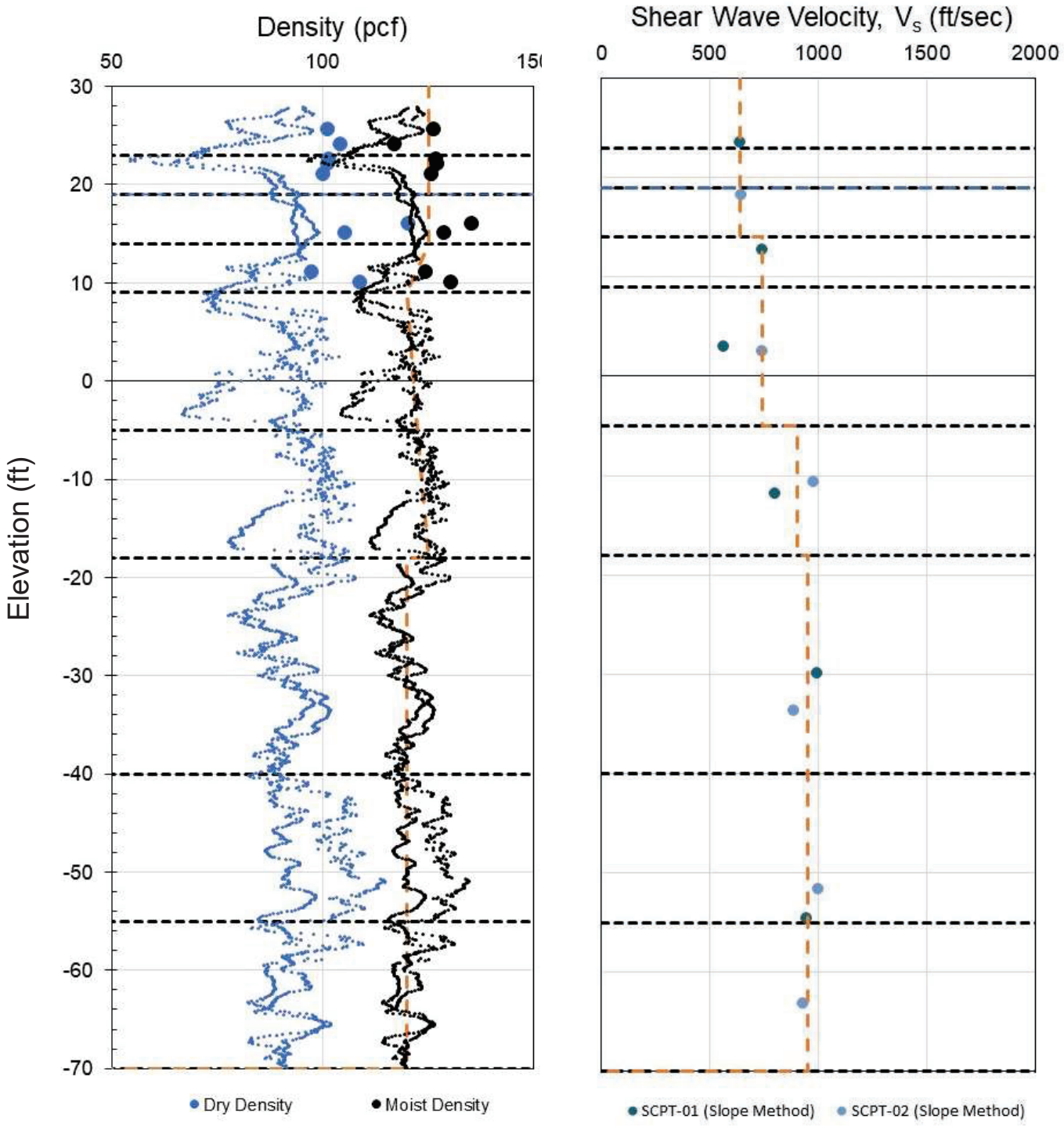

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	DATE: 4/21/2022		
	DRAWN: Z. Zafir		
	CHECKED BY: T. Covill	DUKE WAREHOUSE SYCAMORE 475 SYCAMORE DRIVE MILPITAS, CALIFORNIA	
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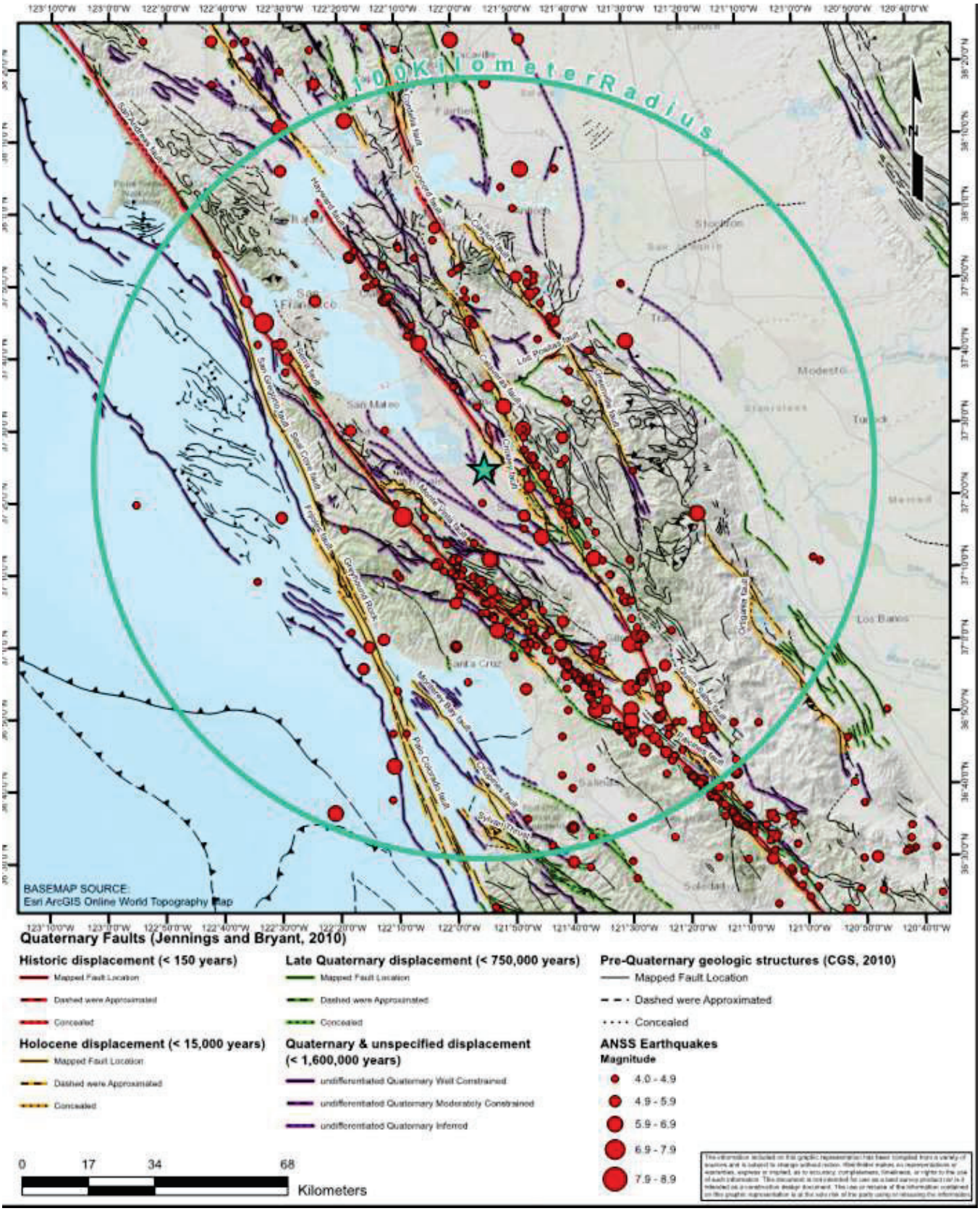

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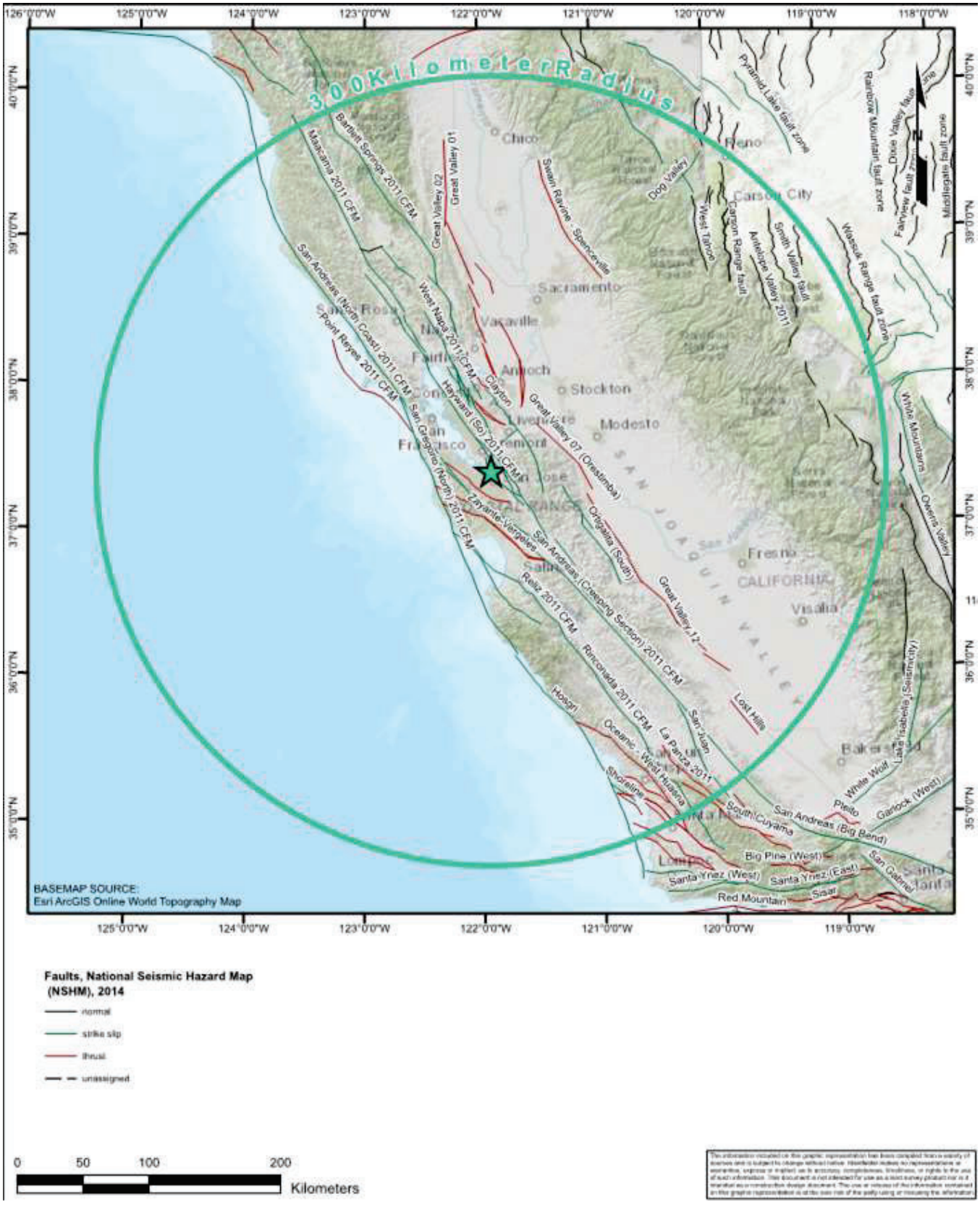
REGIONAL FAULT AND HISTORICAL SEISMICITY MAP (1800 – DEC 2021)

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE

F-2



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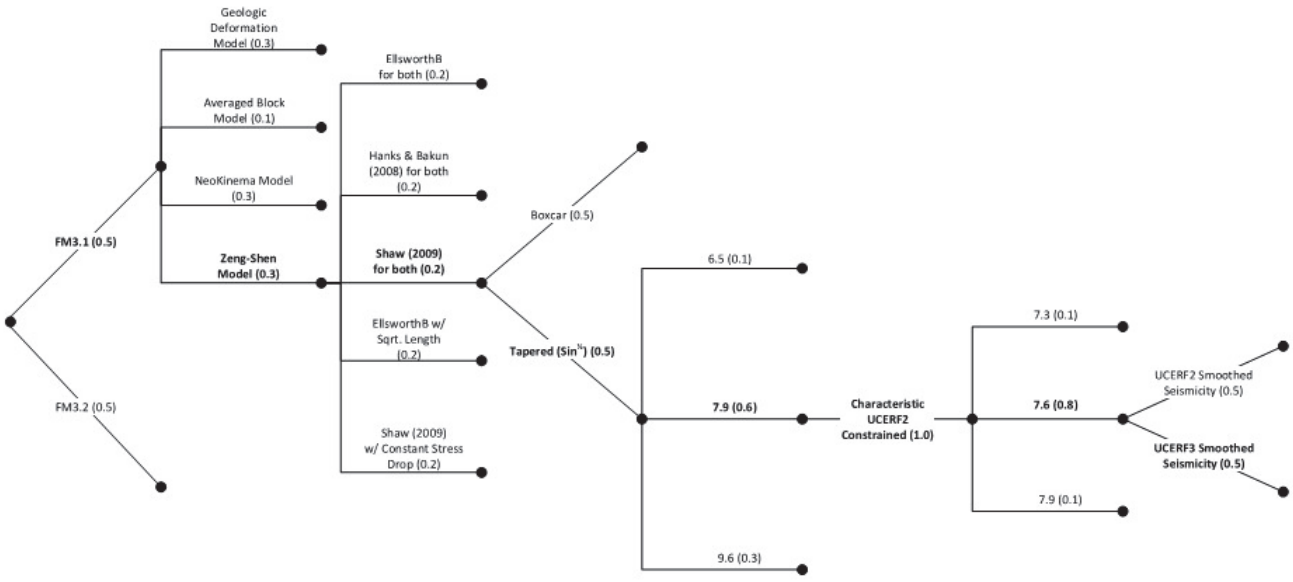
	DATE:	4/21/2022	
	DRAWN:	Z. Zafir	
	CHECKED BY:	T. Covill	DUKE WAREHOUSE SYCAMORE 475 SYCAMORE DRIVE MILPITAS, CALIFORNIA
	File Name:	fname.ppt	

FIGURE

F-3

Fault Models	Deformation Models	Scaling Relationships (mag-area & slip-length relationships)	Slip Along Rupture (Dsr)	Total M ≥5 Event Rate (yr^{-1})	Inversion Model	$M_{max}^{off\text{-}fault}$	Off-Fault Spatial Seismicity PDF (aka SpatialPDF)



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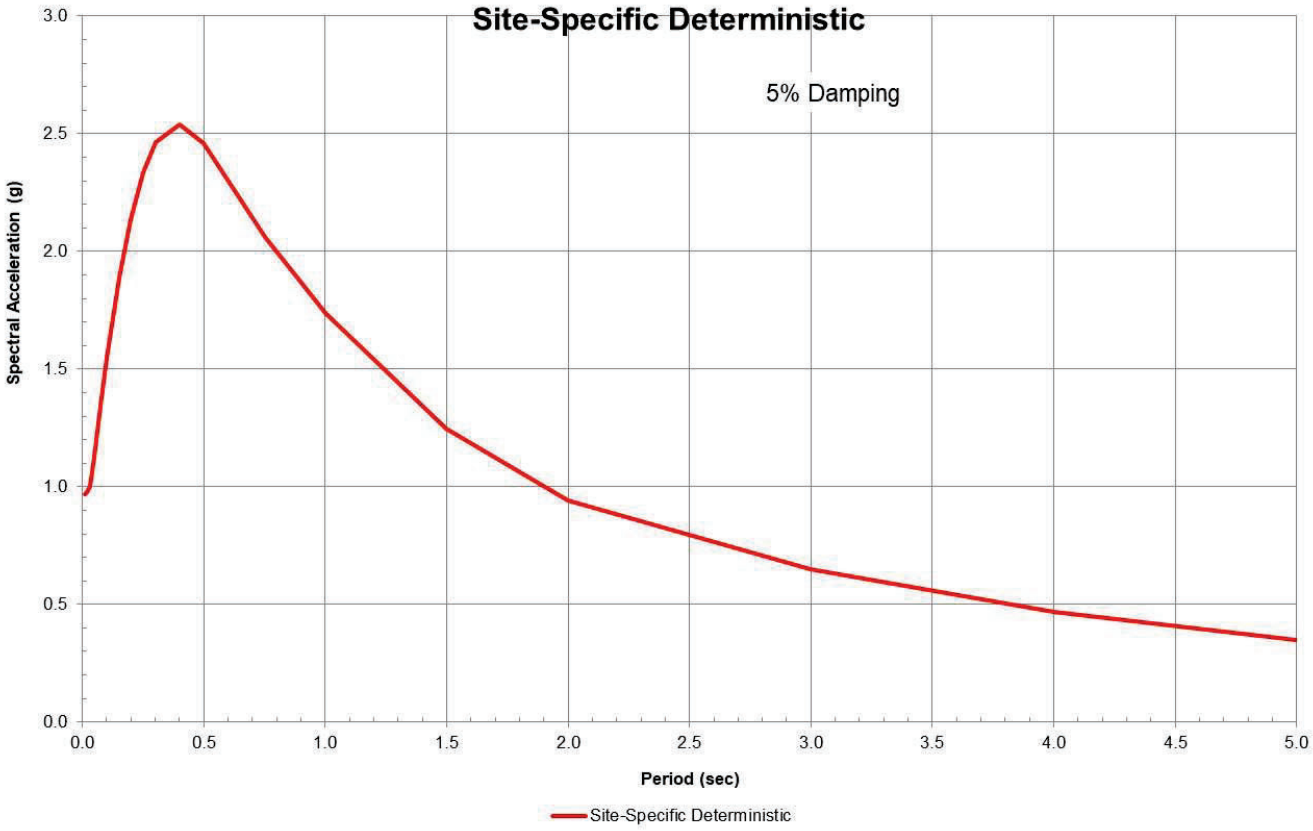
File Name:	fname.ppt

UCERF3 SOURCE MODEL LOGIC TREEE

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE

F-4



KLEINFELDER Bright People. Right Solutions. www.kleinfelder.com	PROJECT NO. 20222047	**SITE-SPECIFIC 84TH PERCENTILE DETERMINISTIC SPECTRUM AT BASE OF SOIL COLUMN**	FIGURE **F-5**
	DATE: 4/21/2022		
	DRAWN: Z. Zafir		
	CHECKED BY: T. Covill	DUKE WAREHOUSE SYCAMORE 475 SYCAMORE DRIVE MILPITAS, CALIFORNIA	
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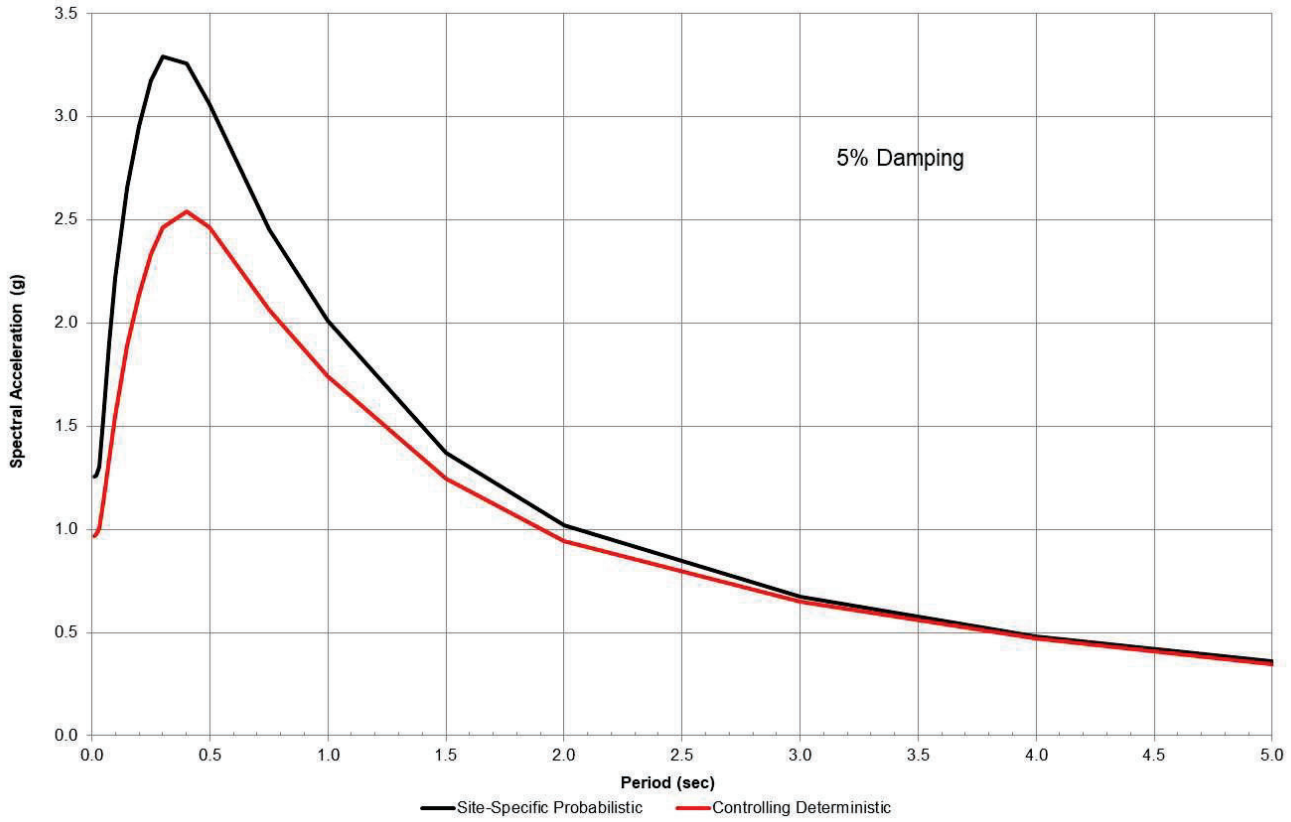

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DATE:	4/21/2022
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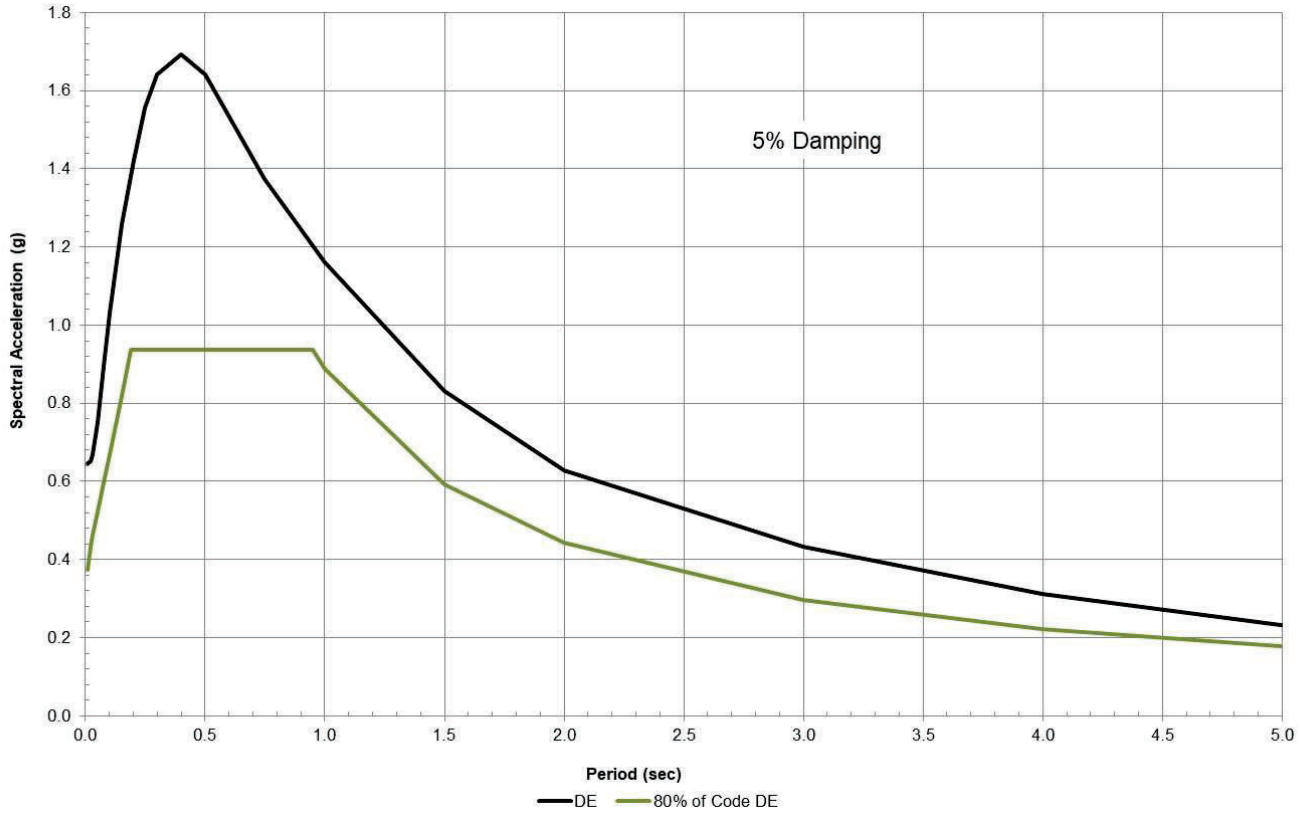
COMPARISON OF SITE-SPECIFIC PROBABILISTIC AND DTERMINISTIC SPECTRA – AT BASE OF SOIL COLUMN

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE

F-6



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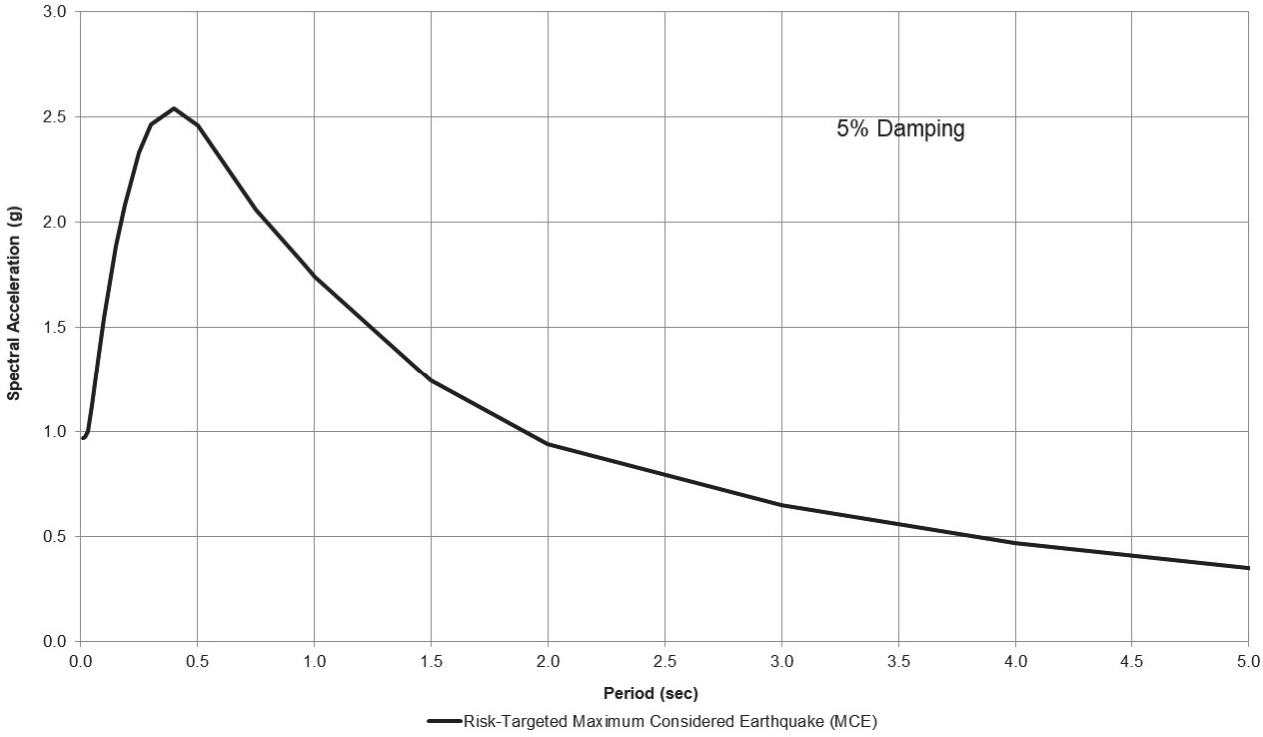
COMPARISON OF SITE-SPECIFIC DE AND 80% OF CODE DE SPECTRA AT BASE OF SOIL COLUMN

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE

F-7



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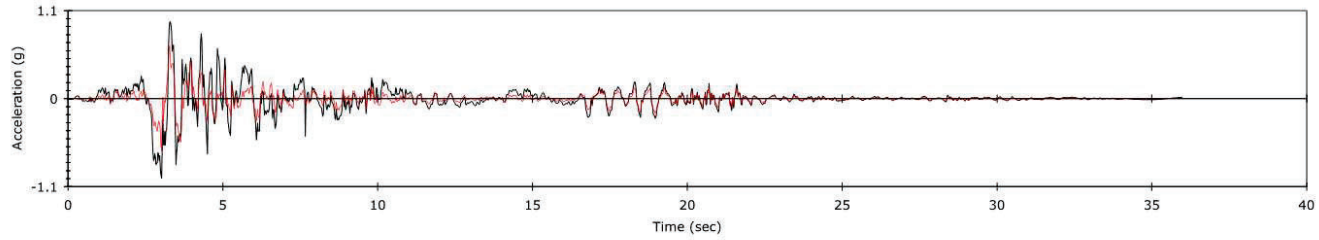
DATE:	4/21/2022
DRAWN:	Z. Zafir
CHECKED BY:	T. Covill
File Name:	fname.ppt

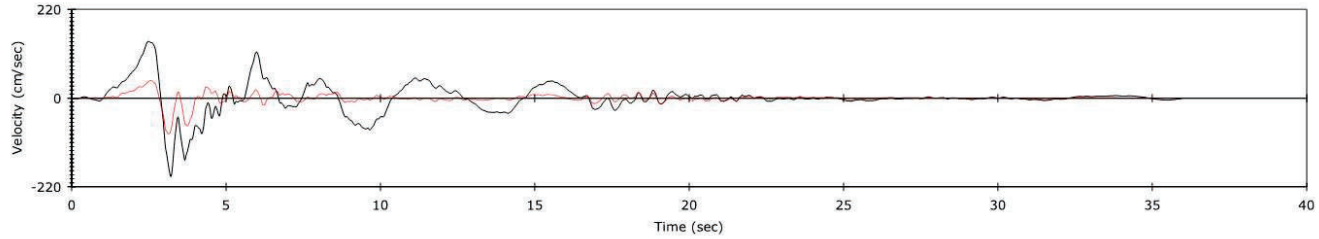
SITE-SPECIFIC TARGET HORIZONTAL MCE_R RESONSE SPECTRUM AT BASE OF SOIL COLUMN

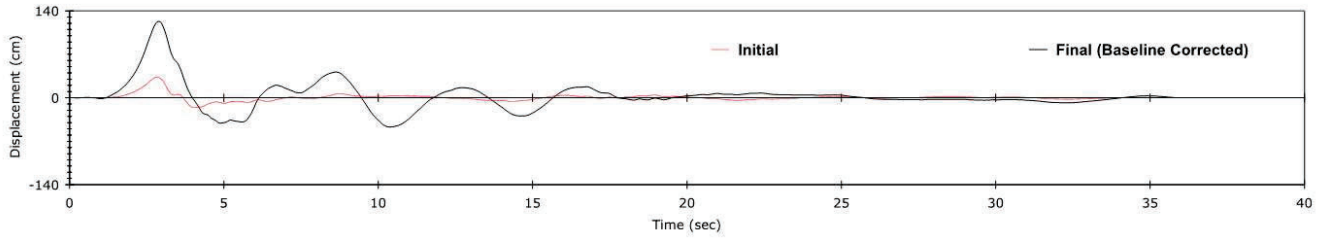
DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

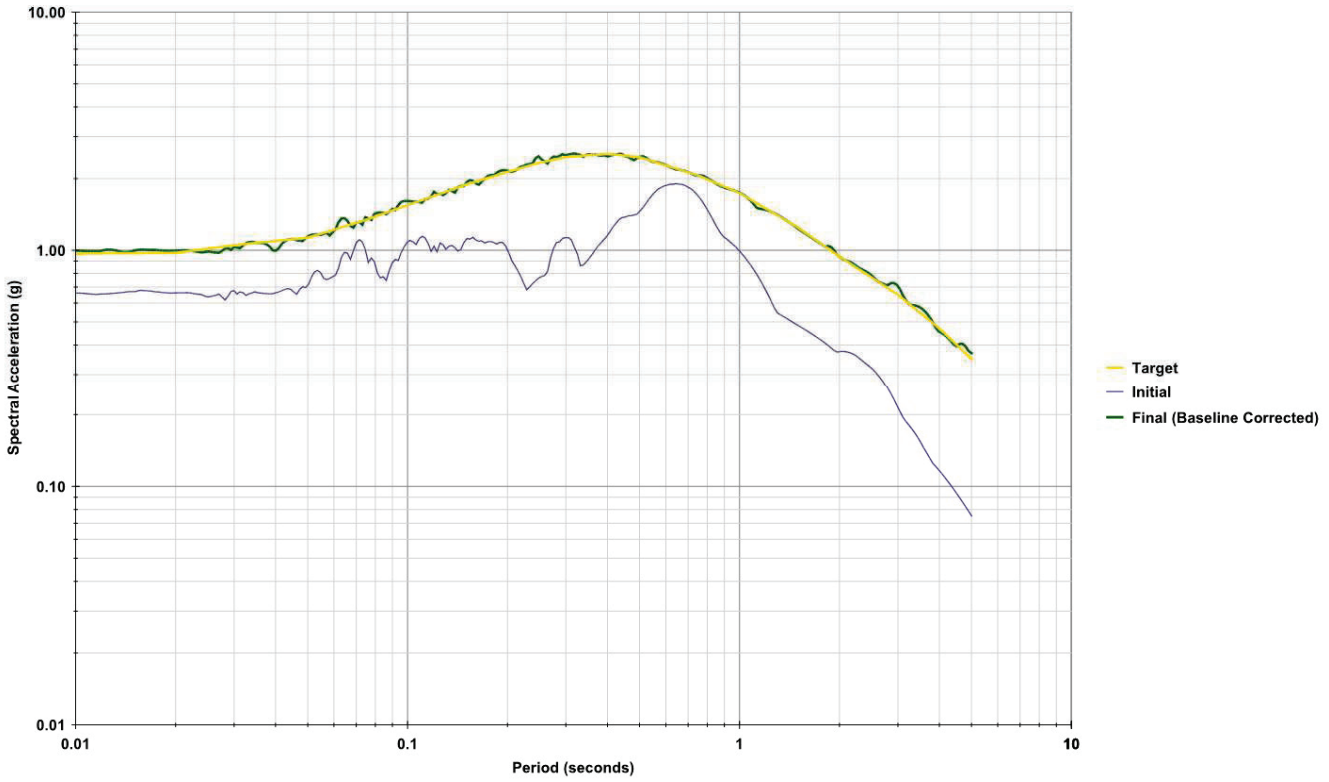
FIGURE

F-8

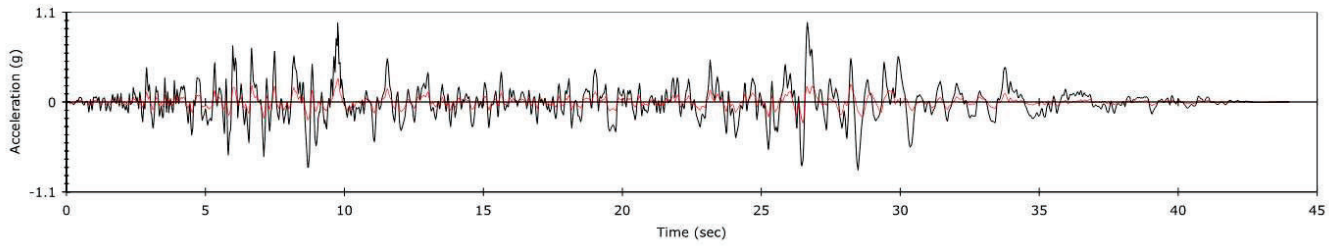


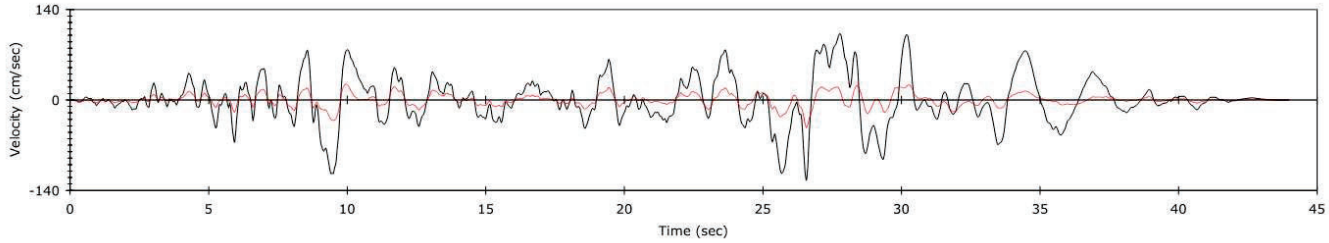


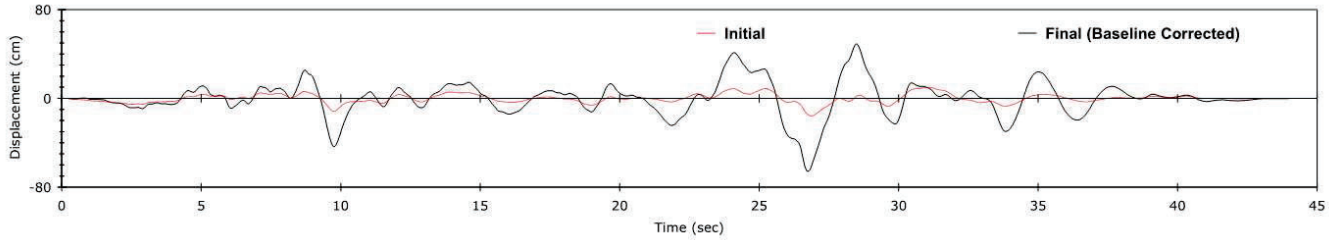


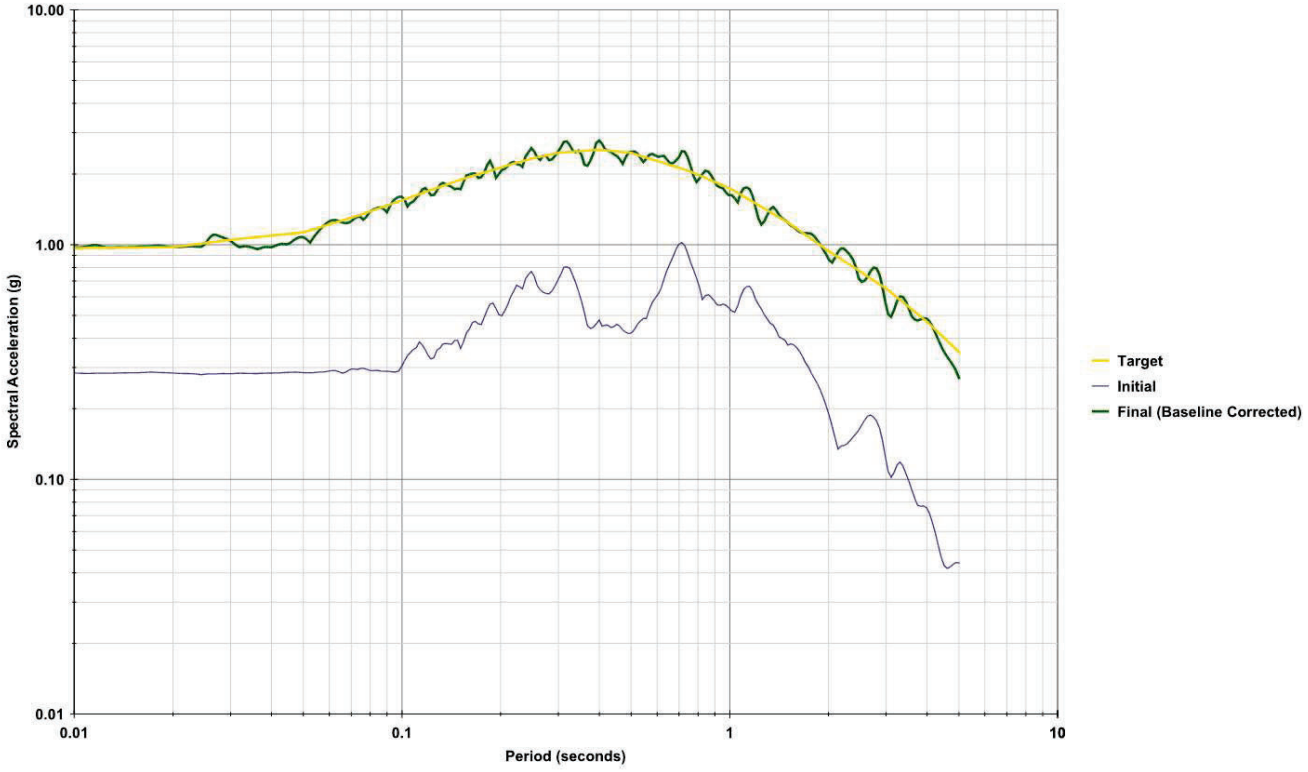


KLEINFELDER Bright People. Right Solutions. www.kleinfelder.com	PROJECT NO. 20222047	**SPECTRAL MATCHING RESULTS 1992 CAPE MENDOCINO EARTHQUAKE RSN 828 (90º) PETROLIA**	FIGURE **F-9**
	DATE: 4/21/2022		
	DRAWN: Z. Zafir		
	CHECKED BY: T. Covill	DUKE WAREHOUSE SYCAMORE 475 SYCAMORE DRIVE MILPITAS, CALIFORNIA	
	File Name: fname.ppt		









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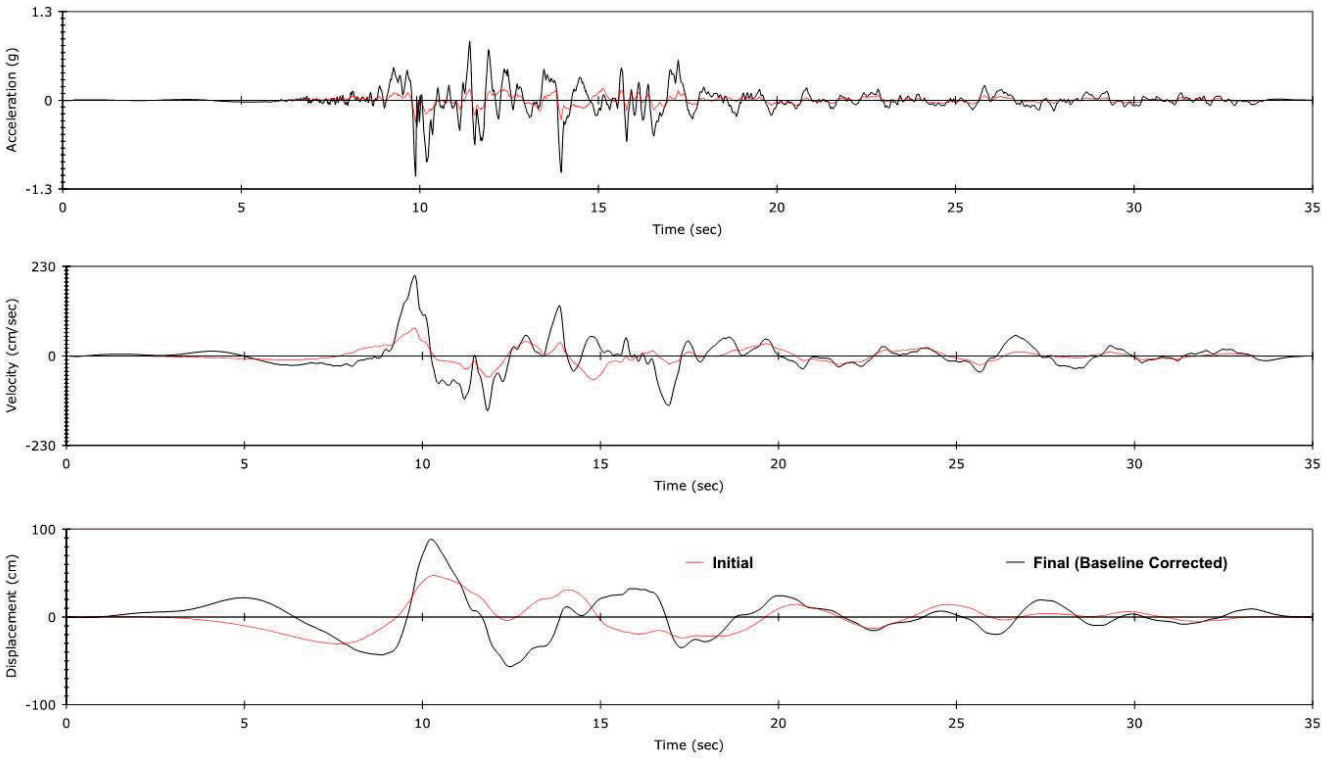
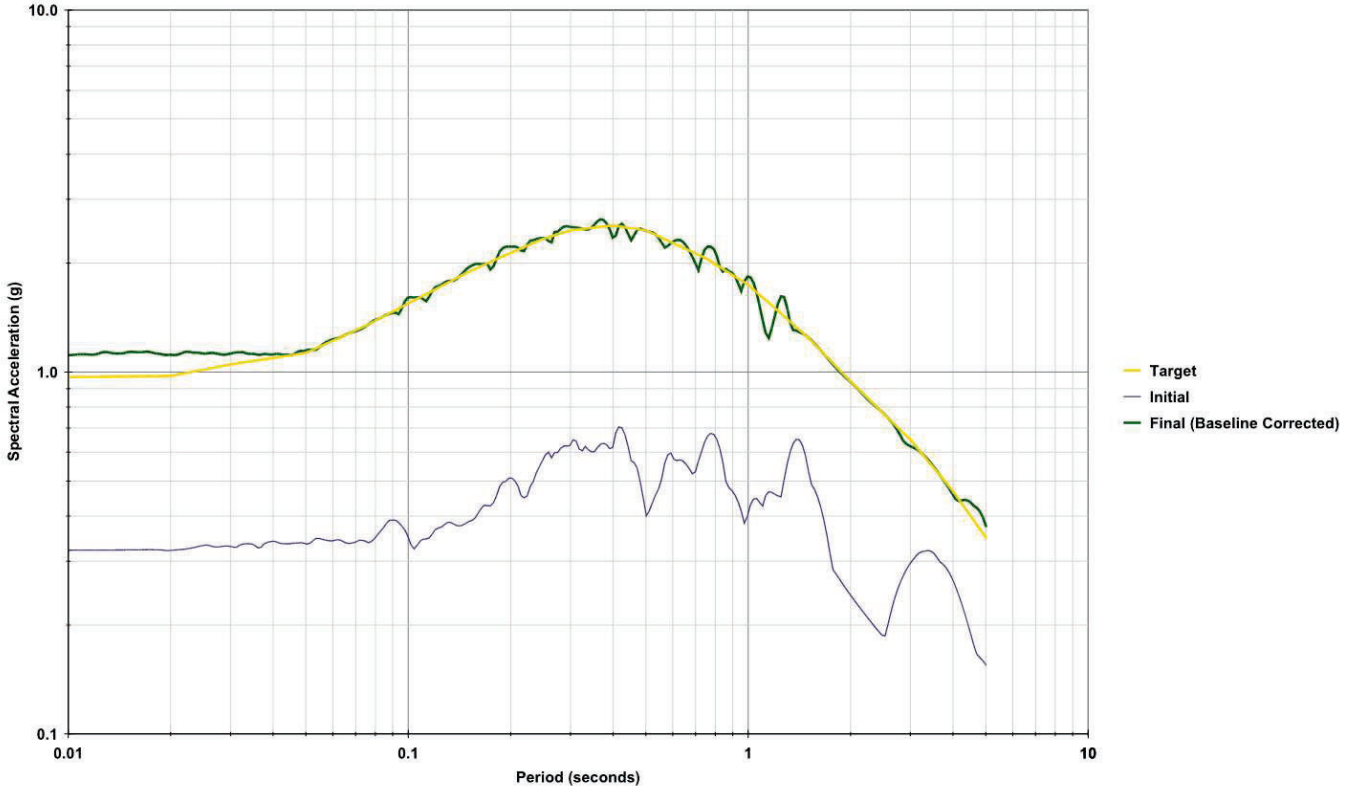
	DATE: 4/21/2022		
	DRAWN: Z. Zafir		
	CHECKED BY: T. Covill	DUKE WAREHOUSE SYCAMORE 475 SYCAMORE DRIVE MILPITAS, CALIFORNIA	
	File Name: fname.ppt		





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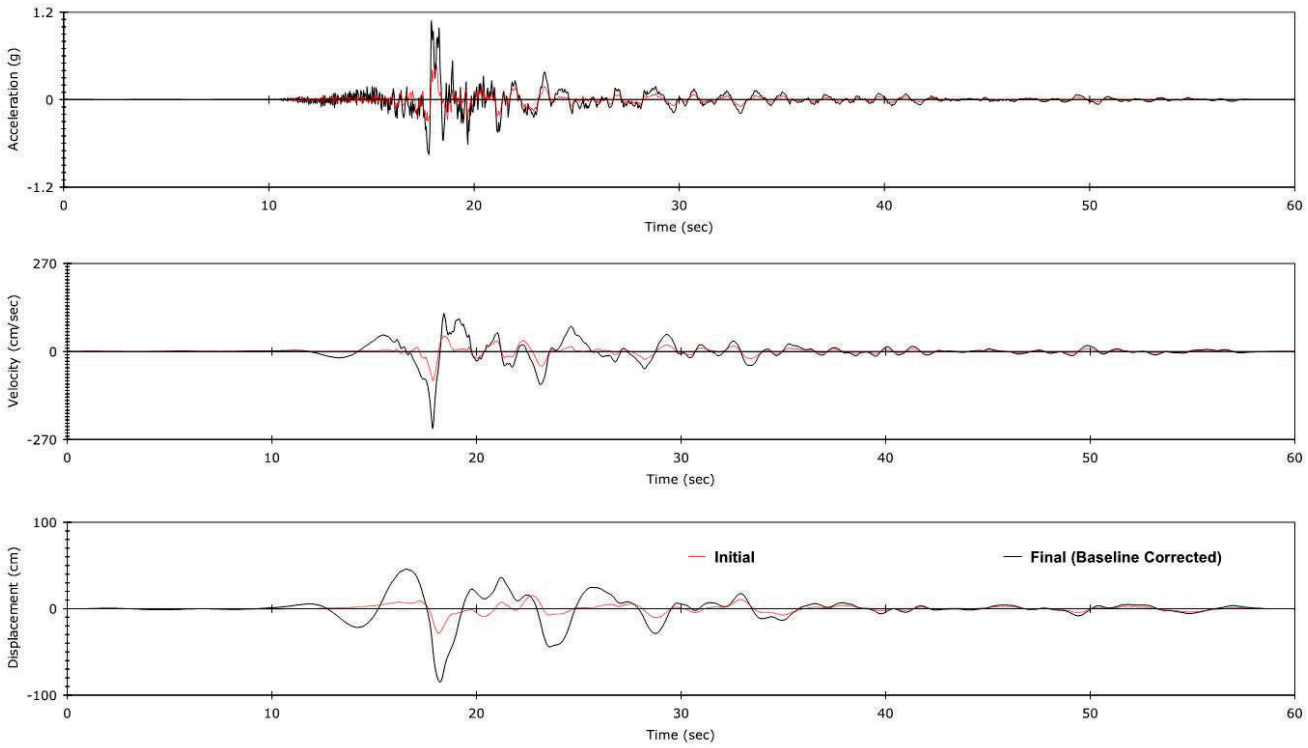
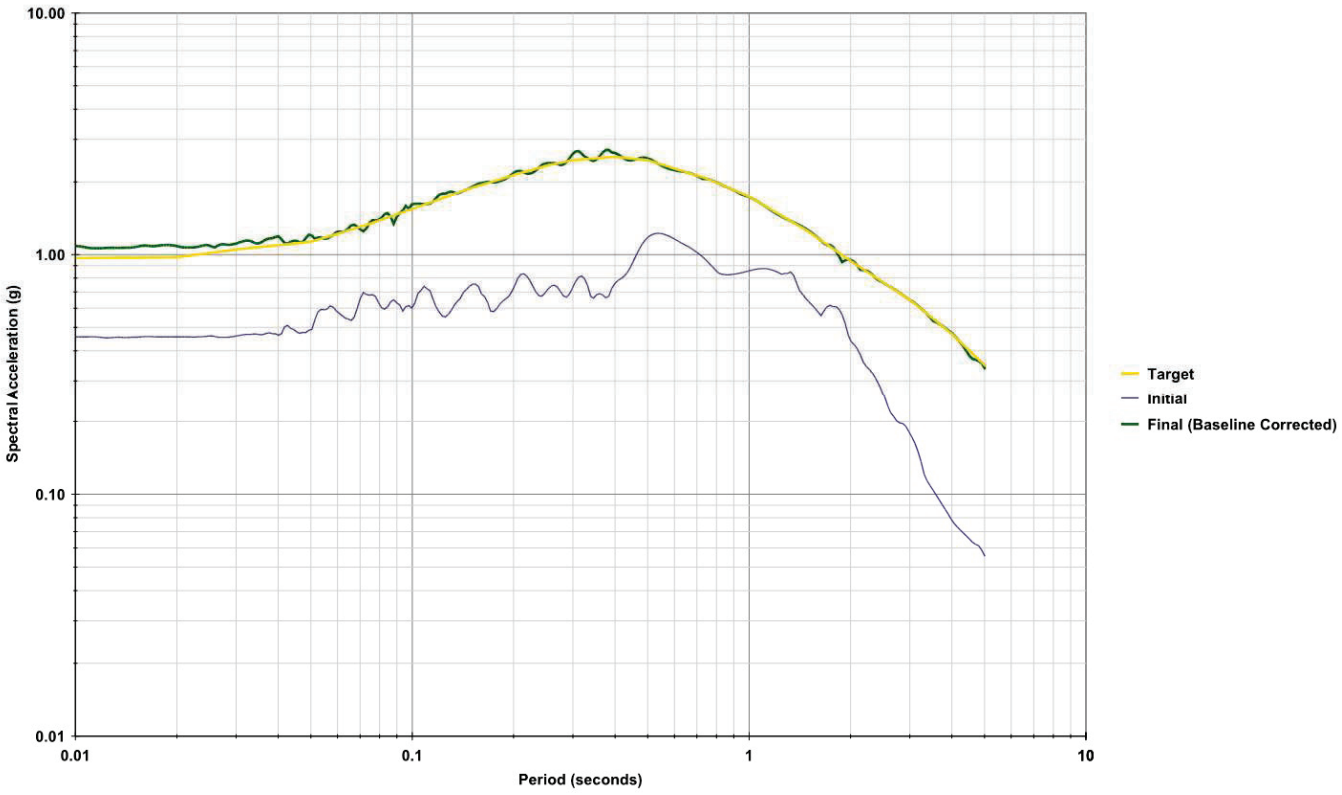
SPECTRAL MATCHING RESULTS
1999 KOCAELI-TURKEY EARTHQUAKE
RSN 1176 (150º) YARIMCA

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE

F-11





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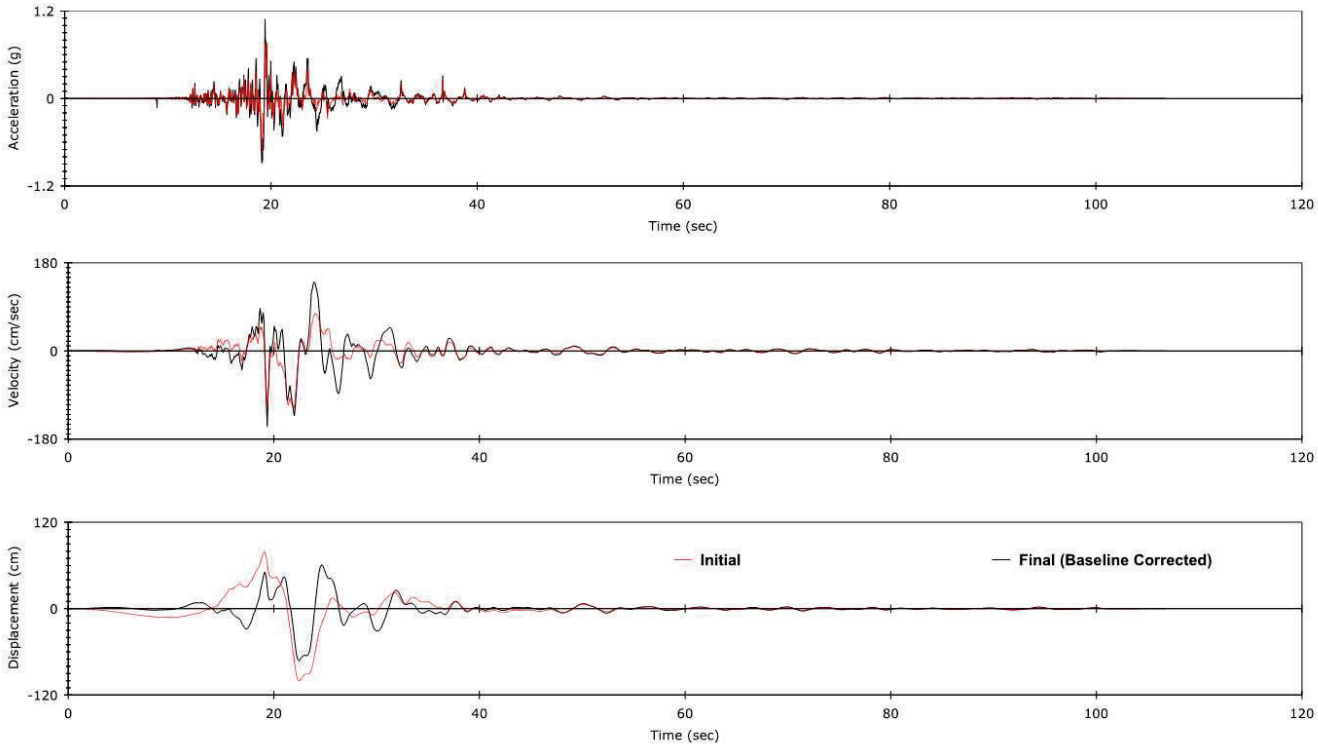
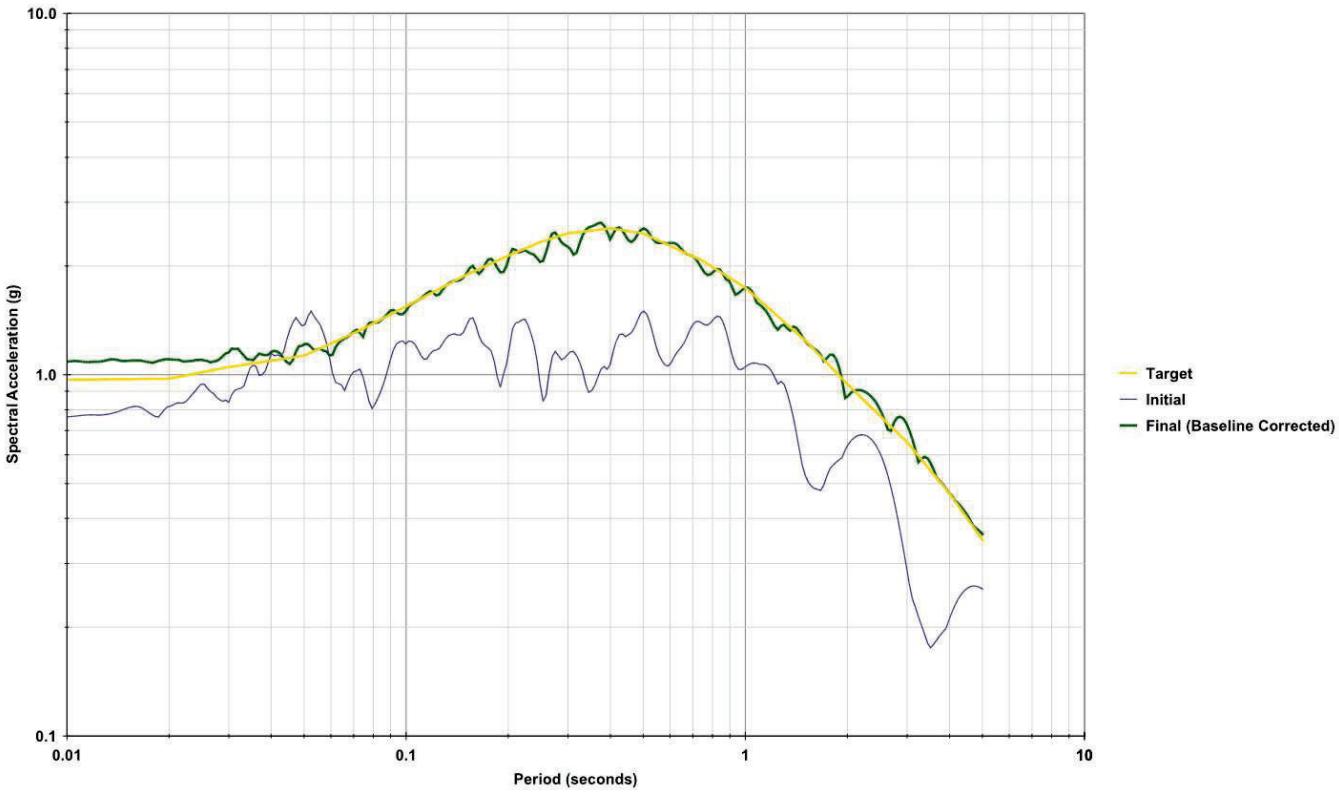
SPECTRAL MATCHING RESULTS
2007 CHUETSU-OKI-JAPAN EARTHQUAKE
RSN 4847 (EW) JOETSU-KAKIZAKIKU

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE
F-12





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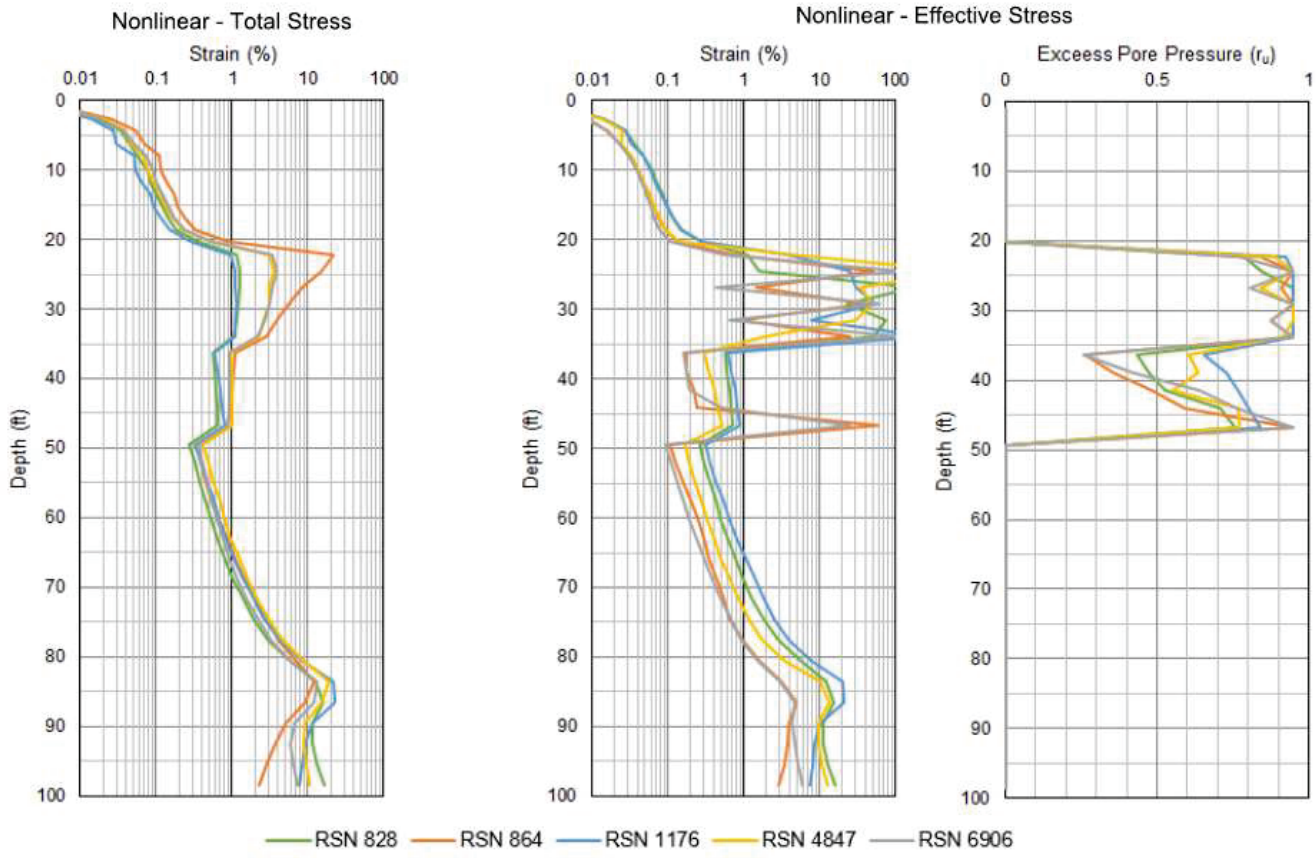
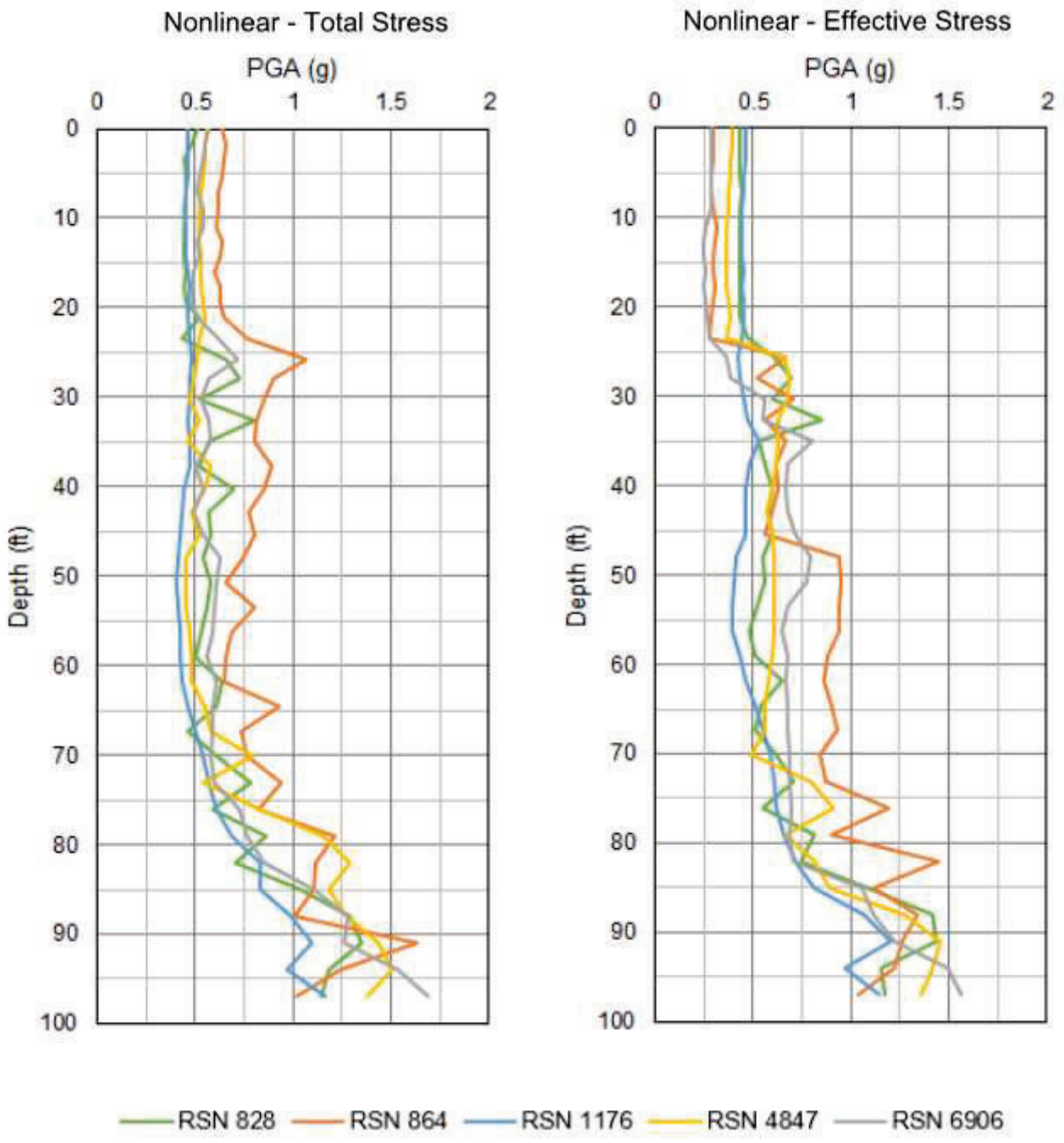
SPECTRAL MATCHING RESULTS
2010 DARFIELD-NEW ZEALAND EARTHQUAKE
RSN 6906 (N55W) GDLC

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE
F-13



KLEINFELDER Bright People. Right Solutions. www.kleinfelder.com	PROJECT NO. 20222047 DATE: 4/21/2022 DRAWN: Z. Zafir CHECKED BY: T. Covill File Name: fname.ppt	**SHEAR STRAIN AND POREWATER PRESSURE PROFILE FROM SITE RESPONSE ANALYSIS** DUKE WAREHOUSE SYCAMORE 475 SYCAMORE DRIVE MILPITAS, CALIFORNIA	FIGURE **F-14**



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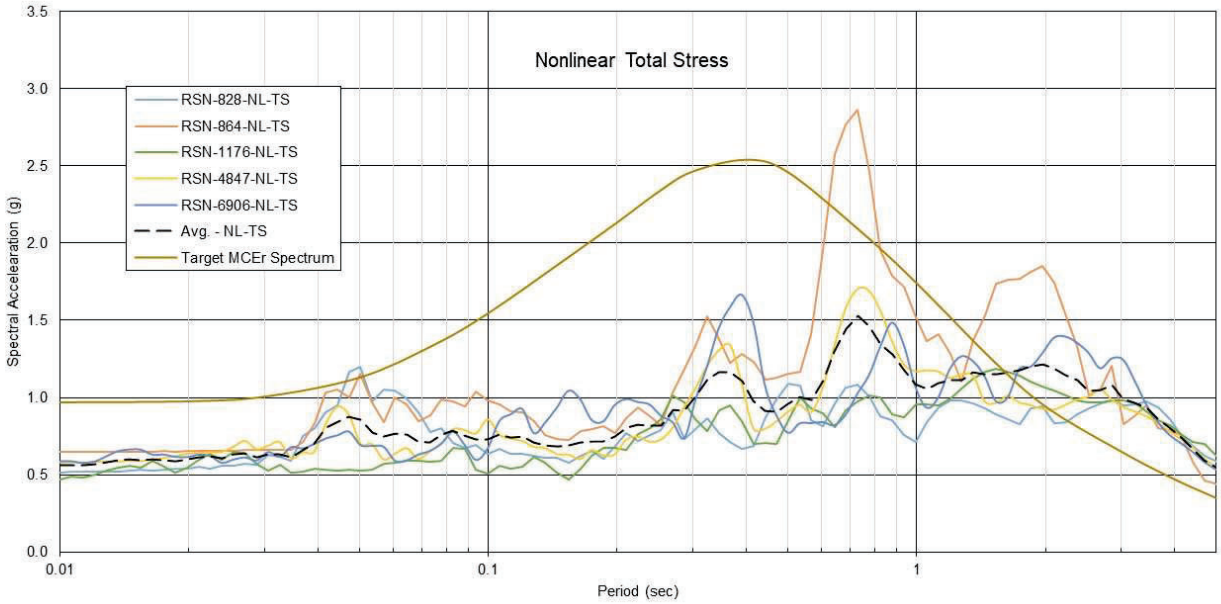
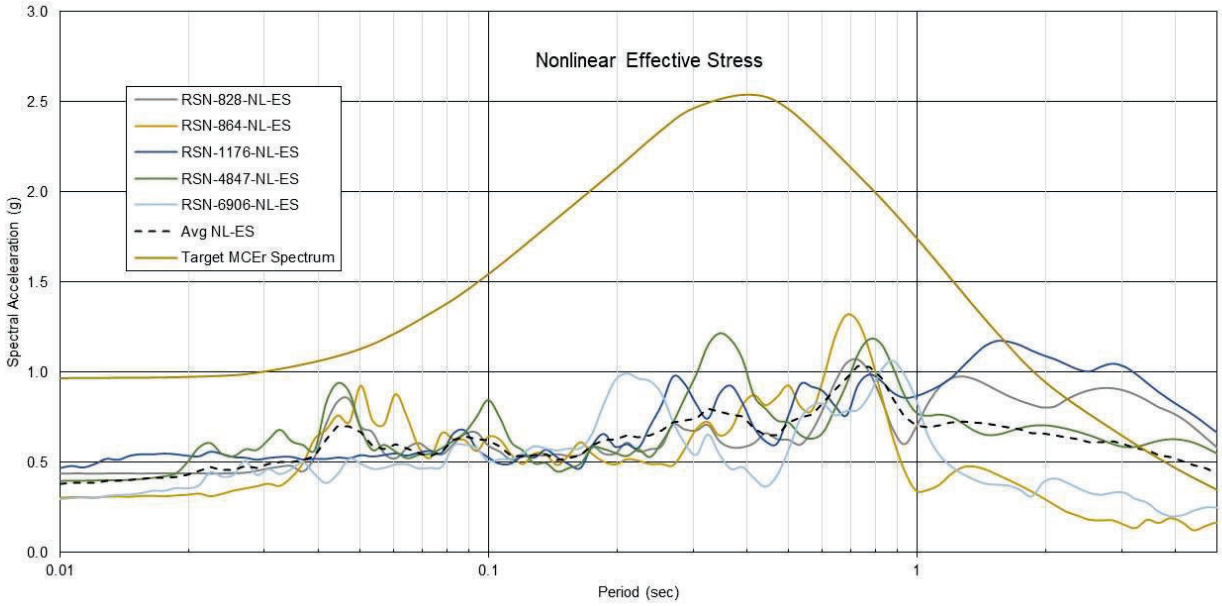
PEAK GROUND ACCELERATION PROFILE FROM SITE RESPONSE ANALYSIS

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE

F-15





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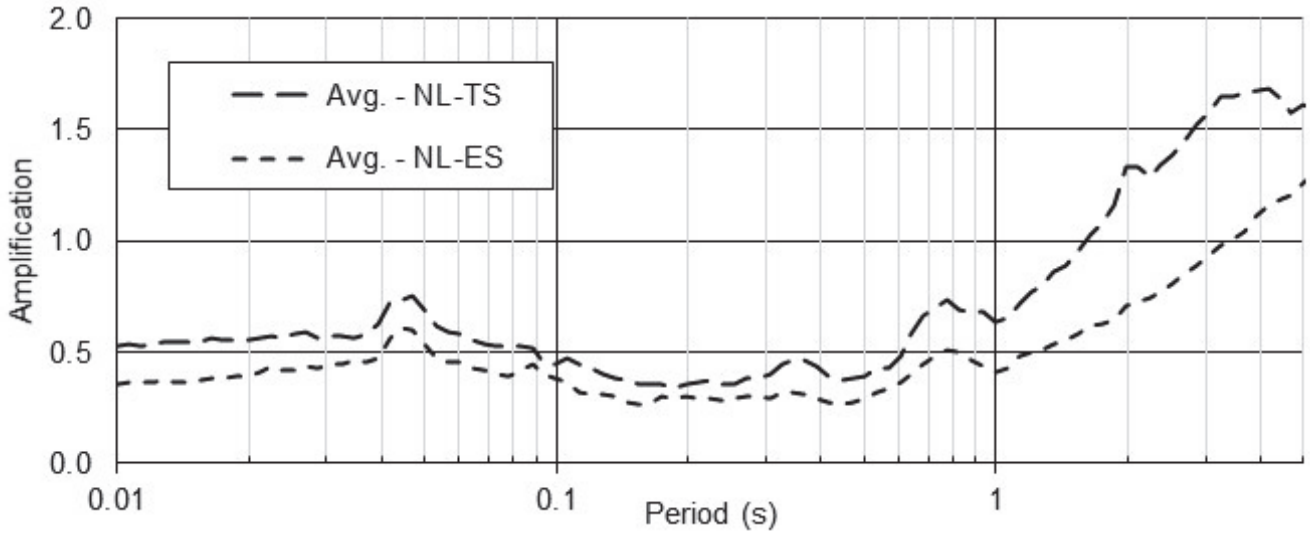
SITE RESPONSE ANALYSIS RESULTS NONLINEAR TOTAL AND EFFECTIVE STRESS – SURFACE RESPONSE SPECTRA

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE

F-16



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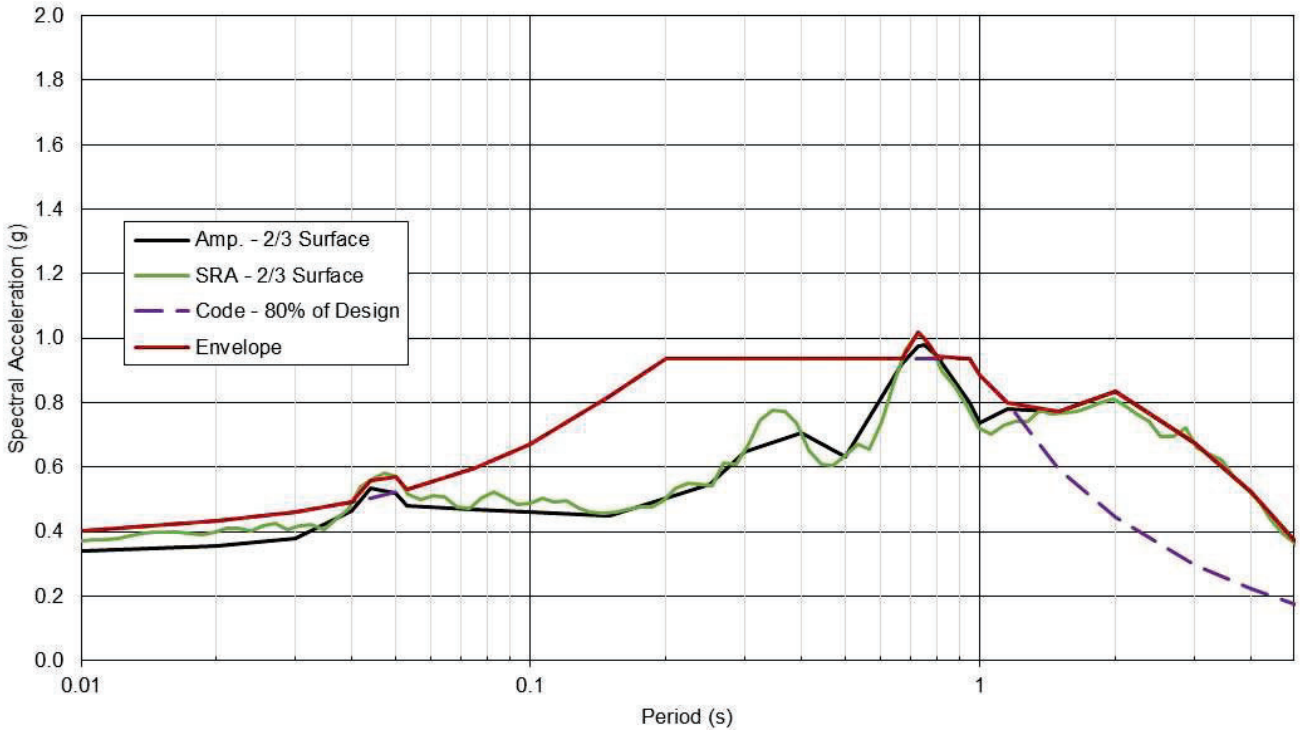
AMPLIFICATION FACTORS FROM SITE RESPONSE ANALYSIS RESULTS

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE

F-17



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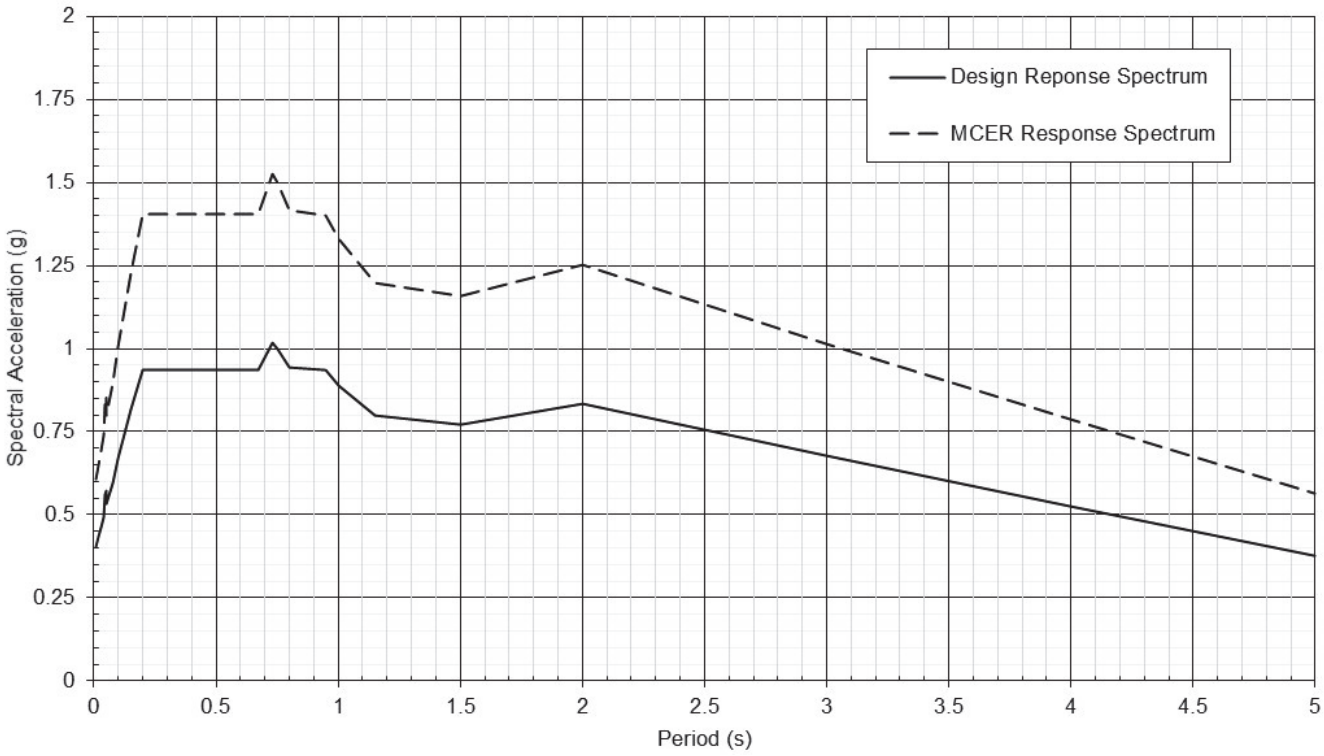
COMPARISON OF 2/3 AVG SURFACE RESULTS WITH 80% OF CODE DESIGN SPECTRUM

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE

F-18



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File Name:	fname.ppt

SITE-SPECIFIC HORIZONTAL MCER AND DESIGN RESPONSE SPECTRUM 5% DAMPING

DUKE WAREHOUSE SYCAMORE
475 SYCAMORE DRIVE
MILPITAS, CALIFORNIA

FIGURE

F-19

APPENDIX D

PHASE I ESA

PHASE I ENVIRONMENTAL SITE ASSESSMENT

475, 501, and 525 Sycamore Drive
Milpitas, California

093-DUKE-063

Prepared For:

Duke Realty
200 Spectrum Drive, Suite 1600
Irvine, California 92618

Prepared By:

3478 Buskirk Avenue, Suite 100
Pleasant Hill, CA 94523

September 14, 2021

TABLE OF CONTENTS

PAGE

LIST OF FIGURES ..... **iv**
LIST OF TABLES ..... **iv**
LIST OF APPENDICES ..... **iv**

EXECUTIVE SUMMARY ..... **v**

TERMINOLOGY ..... **vi**

LIST OF ACRONYMS ..... **viii**

1.0 INTRODUCTION **1-1**
1.1 Purpose 1-1
1.2 Scope of Services 1-1
1.3 Significant Assumptions 1-1
1.4 Limitations and Exceptions 1-2
1.5 Special Terms and Conditions 1-3
1.6 User Reliance 1-3
1.7 Data Gaps 1-3

2.0 SITE DESCRIPTION **2-1**
2.1 Site Location and Ownership 2-1
2.2 Current Uses and Improvements of Subject Property 2-1
2.3 Current Land Uses of Adjoining and Surrounding Properties 2-2

3.0 USER PROVIDED INFORMATION **3-1**

4.0 RECORDS REVIEW **4-1**
4.1 Physical Setting Sources 4-1
4.1.1 Topography 4-2
4.1.2 Geology and Soils 4-2
4.1.3 Hydrology 4-2
4.2 Environmental Record Review 4-3
4.2.1 Standard and Additional Environmental Record Sources 4-3
4.2.2 Subject Property's Environmental Record Results 4-5
4.2.3 Adjoining and Surrounding Properties' Environmental Record Results 4-6
4.2.4 Environmental Liens Search 4-11
4.3 Historical Use Records 4-11
4.3.1 Aerial Photographs 4-12
4.3.2 Topographic Maps 4-12
4.3.3 City Directories 4-13
4.3.4 Fire Insurance Maps 4-13
4.3.5 Building Permit Records 4-13
4.3.6 Property Tax Map Report 4-13

TABLE OF CONTENTS

PAGE

4.4 Site History – Environmental Investigations 4-13
4.5 Record Review Findings 4-18

5.0 SITE RECONNAISSANCE 5-1
5.1 Hazardous Substances and Petroleum Products 5-1
5.2 Waste Generation, Storage, and Disposal 5-1
5.3 Underground Storage Tanks & Aboveground Storage Tanks 5-1
5.4 Polychlorinated Biphenyls (PCBs) and Oil-Containing Equipment 5-1
5.5 Other Observations 5-1
5.6 Findings from the Site Reconnaissance 5-2

6.0 INTERVIEWS 6-1

7.0 CONDITIONS OUTSIDE THE SCOPE OF ASTM E1527-13 7-1

8.0 CONCLUSIONS AND RECOMMENDATIONS 8-1

9.0 ENVIRONMENTAL PROFESSIONALS 9-1
9.1 Signatures of Responsible Environmental Professionals 9-1
9.2 Qualifications of Responsible Environmental Professionals 9-1

10.0 REFERENCES 10-1

LIST OF FIGURES

Figure 1 Site Location Map
Figure 2 Site Plan

LIST OF TABLES

Table 2-1 Adjoining and Surrounding Properties
Table 3-1 User Provided Information
Table 4-1 Physical Setting Sources
Table 4-2 Summary of Environmental Database Information
Table 4-3 Historical Use Summary

LIST OF APPENDICES

Appendix A EDR Radius Map Report
Appendix B Environmental Lien and Activity and Use Limitation Report
Appendix C Aerial Photographs
Appendix D Topographic Maps
Appendix E City Directories Report
Appendix F Fire Insurance Sanborn Maps
Appendix G Building Permits Report
Appendix H Property Tax Map Report
Appendix I Site Reconnaissance Photographs

EXECUTIVE SUMMARY

Apex Companies, LLC (Apex) performed a Phase I Environmental Site Assessment (Phase I ESA) of the property located at 475, 501, and 525 Sycamore Drive in Milpitas, California (Subject Property) on behalf of Duke Realty (Duke). The Subject Property comprises two single-story buildings (475 and 525 Sycamore), and one two-story (501 Sycamore) building used for light manufacturing/assembly and office space with asphalt paved parking and landscaped areas located on a 14.0-acre parcel identified as Santa Clara County APN 083-31-001. The Subject Property is located near the northeast corner of Sycamore Drive at the intersection of Barber Lane, within the boundaries of the city of Milpitas, the county of Santa Clara, and the state of California. The Subject Property is located in a commercial, light-industrial area just west of Interstate 880 (I-880). The nearest residential area is approximately 0.13 miles east of the Subject Property, on the opposite side of I-880. The Subject Property is shown on a Site Location Map provided as **Figure 1** and on a Site Plan provided as **Figure 2**.

The Subject Property was agricultural land from at least 1939 to the early 1980s. From 1982 – 1983, the Subject Property was developed into its current configuration: three commercial buildings with asphalt paved parking and landscaped areas. The 501 Sycamore Property has been vacant since 2003 and is situated between Spectra Laboratories (525 Sycamore to the west) and Corning – SpiderCloud (475 Sycamore to the east). These buildings are part of Oak Creek Business Park, an office and research complex. According to documents filed on August 19, 2020 with Santa Clara County officials, the three buildings (475, 501, and 525 Sycamore Drive) have been purchased by STP Milpitas Owner, LLC, an affiliate of Vertical Ventures Capital, LLC.

Apex performed this Phase I ESA in accordance with the proposal dated June 28, 2021 and the American Society and Testing Materials (ASTM) E1527-13 and the U.S. Environmental Protection Agency's Standards and Practices for All Appropriate Inquiries, 40 Code of Federal Regulations (CFR) 312. The findings, opinions, and conclusions of this Phase I ESA are for the confidential and exclusive use of Duke, its affiliates, employees, agents, successors, and assigns. Reliance on this report for any use by parties other than those specifically stated is prohibited without the express written consent of Apex and Duke, and such use is at the sole risk of the User. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report.

This assessment did not reveal any issues that are considered RECs in connection with the Subject Property.

This assessment did not reveal any issues that are considered de minimis conditions associated with the Subject Property.

Apex identified the following issue as a Business Environmental Risk associated with the Subject Property:

- Construction of the Subject Property began in 1982. Based on the age of site improvements, the potential on-site use of asbestos-containing materials exists.

TERMINOLOGY

This section contains definitions for technical terms used in the report. Italicized terms are defined in the American Society and Testing Materials (ASTM) Standard Practice E 1527-13 and provided below for easy reference.

Recognized Environmental Condition (REC): "The presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions."

Historical Recognized Environmental Condition (HREC): "A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a HREC, the environmental professional (EP) must determine whether the past release is a REC at the time the Phase I Environmental Site Assessment (ESA) is conducted (for example, if there has been a change in regulatory criteria). If the EP considers the past release to be a REC at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a REC."

Controlled Recognized Environmental Condition (CREC): "A REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by the regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the EP to be a CREC shall be listed in the findings section of the Phase I ESA report, and as a REC in the conclusions section of the Phase I ESA report."

De minimis condition: "A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not RECs nor controlled recognized environmental conditions."

Business Environmental Risk: "A risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business environmental risk issues may involve addressing one or more non-scope considerations."

Data Gap: "A lack of or inability to obtain information required by this practice despite good faith efforts by the EP to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.)".

LIST OF ACRONYMS

AAI	All Appropriate Inquiries
AMSL	Above Mean Sea Level
AOC	Area of Concern
APEX	Apex Companies, LLC
APN	Assessor's Parcel Number
AST	Aboveground Storage Tank
AUL	Activity and Use Limitations
ASTM	American Society and Testing Materials
BGS	Feet Below Ground Surface
CFR	Code Federal of Regulations
CREC	Controlled Recognized Environmental Condition
DOGGR	Division of Oil, Gas, and Geothermal Resources
DTSC	Department of Toxic Substances Control
ECHO	Enforcement & Compliance History Information
EDR	Environmental Data Resources, Inc.
EMI	Emission Inventory Data
EPA	Environmental Protection Agency
ESA	Phase I Environmental Site Assessment
FEMA	Emergency Management Agency
FINDS	Facility Index System
FIRM	Flood Insurance Rate Map
FWS	Fish and Wildlife Services
HAZNET	Hazardous Waste Information System
HIST LUST	Historical Leaking Underground Storage Tank
HREC	Historical Recognized Environmental Condition
1,1,1-TCA	1,1,1-Trichloroethane
ICIS	Integrated Compliance Information System
LQG	Large Quantity Generator

LUST	Leaking Underground Storage Tank
PCB	Polychlorinated biphenyls
PCE	Tetrachloroethylene
RCRA	Resource Conservation and Recovery Act
RWQCB	Regional Water Quality Control Board
REC	Recognized Environmental Condition
SEMS	Superfund Enterprise Management Services
SLIC	Spills, Leaks, Investigation, and Cleanup
SQG	Small Quantity Generator
SVE	Soil Vapor Extraction
SWEEPS	Statewide Environmental Evaluation and Planning System
SWIMS	Solid Waste Information Management System
TCE	Trichloroethylene
USGS	United States Geological Society
UST	Underground Storage Tank
VOC	Volatile Organic Compound

1.0 INTRODUCTION

1.1 Purpose

Apex has prepared this Phase I ESA (ESA) at the request of the Duke to identify *recognized environmental conditions* (REC) that may pose potential environmental risks associated with the Subject Property located at 475, 501 and 525 Sycamore Drive in Milpitas, Santa Clara County, California.

1.2 Scope of Services

This ESA was conducted in good commercial and customary practice by utilizing the American Society and Testing Materials (ASTM) E1527-13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" and the U.S. Environmental Protection Agency's (EPA) Standards and Practices for All Appropriate Inquiries (AAI), 40 Code of Federal Regulations (CFR), Part 312. The scope of services performed were in accordance with the proposal dated June 28, 2021 and included evaluation of the following:

- Environmental databases to determine the likelihood of current and historical releases of hazardous substances and petroleum through storage, treatment, and/or disposal on or near the Subject Property where migration could occur;
- Subject Property's history through prior reports on the GeoTracker database, historical aerial photographs, topographic maps, fire insurance maps, city directories, building permits, and the preliminary title report provided by the User;
- The Subject Property's current conditions by conducting an on-site survey of the Subject Property and visual evaluation of surrounding properties;
- Physical characteristics of the Subject Property including hydrologic and soil data through available environmental files from local agencies including the California Regional Water Quality Control Board, California Department of Toxic Substances Control, City of Milpitas, Santa Clara County, Santa Clara Valley Water District, and other appropriate agencies.

Any RECs, *historical RECs* (HREC) or *controlled RECs* (CREC), as defined by ASTM E1527-13, that were identified during the assessment are discussed in the findings and conclusions sections of this report.

1.3 Significant Assumptions

Apex has performed the historical and environmental record searches in accordance with current ASTM and industry practice. The data, findings, and conclusions presented in this ESA are based upon a detailed search, review, and analysis of the documents and interviews as well as observations made during the site reconnaissance. Conclusions reached regarding the conditions of the Subject Property do not represent a warranty that all areas within the Subject Property are of a similar quality as may be inferred from observable conditions and available history of the Subject

Property. As stated in the ASTM Standard, no ESA can wholly eliminate uncertainty regarding the potential for environmental liability in connection with the Subject Property. Apex's evaluation and analysis are intended to reduce, not eliminate, the potential for conditions that result in liability for the User of this ESA.

1.4 Limitations and Exceptions

This report was prepared as a result of a contractual agreement that defined the approach and scope of services to be employed during the course of the investigation. The opinions and conclusions expressed in this study have been based strictly on the results of these contracted services. The scope of this ESA is intended to aid in the evaluation of RECs. The services provided by Apex should not be construed as a warranty or guarantee that no RECs exist at the Subject Property or that all RECs have been uncovered. No conclusions are stated or implied concerning the suitability of the Subject Property for its eventual use. This document is not intended for purposes other than those expressly set forth herein or for use by parties other than for whom it has been prepared.

As outlined in the ASTM Standard for ESAs and Apex's scope of work, this project was non-intrusive in nature and did not include any sampling or testing of soils, groundwater, surface water, or other materials. Additionally, unless specifically described in this report, Apex's scope of work explicitly excluded issues that are outside the scope of ASTM E1527-13 which would constitute a business environmental risk as defined by ASTM. The ASTM Standard Practice E1527-13 recognizes, but not limited to, the following inherent limitations for this ESA:

- Uncertainty is Not Eliminated - No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs, and this practice recognizes reasonable limits of time and cost.
- Not Exhaustive - All Appropriate Inquiry does not mean an exhaustive assessment of a property. There is a point at which the cost of information obtained, or the time required to gather it outweighs the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions.
- Level of Inquiry Is Variable - Not every property will warrant the same level of assessment. Consistent with good commercial or customary practice, the appropriate level of environmental site assessment will be guided by the type of property, the expertise and risk tolerance of the User, and the information developed in the course of the inquiry.

In general, the EPA does not regulate indoor air quality except to the extent that indoor air impacts are caused by releases of hazardous substances into subsurface soil or groundwater (vapor intrusion). ASTM E1527-13 defines "migrate" and "migration" as referring to the movement of hazardous substances or petroleum products in any form, including solid and liquid at the surface or subsurface, and vapor in the subsurface. Vapor migration in the subsurface is described in Guide E2600 – Guide for Vapor Encroachment Screening on Property Involved in Real Estate

Transactions; however, nothing in ASTM E1527-13 requires application of the Guide E2600 to achieve compliance with all appropriate inquiries.

An ESA completed less than 180 days prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction, is presumed to be valid. An ESA meeting or exceeding this practice and for which the information was collected or updated within one year prior to the date of the intended transaction, may be used provided that the following components of the ESA were conducted or updated within 180 days of the date of purchase or the date of the intended transaction:

- interviews with owners, operators, and occupants;
- searches for recorded environmental cleanup liens;
- reviews of federal, tribal, state, and local government records;
- visual inspections of the property and of adjoining properties, and;
- the declaration by the environmental professional responsible for the assessment or update.

1.5 Special Terms and Conditions

This project was performed in accordance with the scope of work, terms and conditions, and limitations stated in the proposal dated June 28, 2021, and as stated in this report. There are no other special terms or conditions concerning this project.

1.6 User Reliance

This report documents the ESA of the Subject Property performed by Apex in accordance with the proposal and in accordance with ASTM E1527-13 and the U.S. EPA Standards and Practices for All Appropriate Inquiries, 40 CFR 312. The findings, opinions and conclusions of this ESA are for the confidential and exclusive use of Duke, its affiliates, employees, agents, successors, and assigns. Reliance on this report for any use by parties other than those specifically stated is prohibited without the express written consent of Apex and Duke, and such use is at the sole risk of the User.

1.7 Data Gaps

Site history was not conducted in 5-year intervals. However, this is not likely to alter the report's conclusions due to Apex's search of standard historical sources of information such as aerial photographs, historic topographic maps, city directory abstracts, and reviews of previous investigations.

A User Questionnaire was not utilized and interviews with former owner(s) and/or current owner(s) were not conducted. However, this too is not likely to alter the report's conclusions.

2.0 SITE DESCRIPTION

2.1 Site Location and Ownership

The Subject Property comprises three commercial buildings located on a 14.0 acre parcel identified as Santa Clara County APN 083-31-001. The Subject Property is located near the northeast corner of Sycamore Drive at the intersection of Barber Lane, within the boundaries of the city of Milpitas, the county of Santa Clara, and the state of California. The Subject Property is located in a commercial, light-industrial area just west of Interstate 880 (I-880). The nearest residential area is approximately 0.13 miles east of the Subject Property, on the opposite side of I-880. The Subject Property is shown on a Site Location Map provided as **Figure 1** and on a Site Plan provided as **Figure 2**.

The Subject Property is part of Oak Creek Business Park, an office and research complex. According to documents filed on August 19, 2020 with Santa Clara County officials, the three buildings (475, 501, and 525 Sycamore Drive) are currently ownded by STP Milpitas Owner, LLC, an affiliate of Vertical Ventures Capital, LLC.

2.2 Current Uses and Improvements of Subject Property

The Subject Property was agricultural land from at least 1939 to the early 1980s. The Subject Property was originally occupied by General Electric Calma (GE Calma), a subsidiary of GE, from 1983 to 1989. Quantum, Inc. (Quantum) occupied the Subject Property from 1992 to 2003. The Subject Property has sat vacant since Quantum vacated the building in 2003.

From 1982 – 1983, the Subject Property was developed into its current configuration: two single-story buildings (475 and 525 Sycamore), and one two-story (501 Sycamore) building used for light manufacturing/assembly and office space with asphalt paved parking and landscaped areas. According to CBRE, Inc. – Assessment and Consulting Services (CBRE), construction of the Subject Property consists of a mixture of cast-in-place concrete and tilt-up concrete panel systems on foundations of concrete footings and slabs-on-grade. Interior floor and roof framing consists of steel tube columns, glue laminated girders, and wood framed truss-joists. The second floor is framed with open web steel joists and concrete-filled metal decking. The moderately articulated facade systems are predominantly of painted concrete panels with aluminum-framed entrances and windows. A common aesthetic characteristic are the truncated concrete abutments into which the sloped roofing terminates at the primary facades. Roofing consists primarily of flat roofs which are covered with mineral cap sheet built-up systems. Visually prominent roofing consists of sloped standing seam metal panel systems which are present at almost every facade. Domestic hot water is produced by individual systems consisting of tank-type water heaters. Space conditioning is provided by packaged rooftop heating and cooling units. Conditioned air is distributed throughout the building by systems of sheet metal ductwork. Electricity is provided from pad-mounted utility transformers. Vertical transport is provided by a single hydraulic elevator that was installed in 2013 (replacing a former hydraulic elevator). Interior finishes include floor coverings of carpet, resilient floor tile, and

bare concrete, while walls of painted and papered gypsum board and ceilings typically consist of a suspended system with inlaid acoustical ceiling tiles

Corning – SpiderCloud has occupied 475 Sycamore Drive since the early-2000s. Spectra Laboratories has occupied 525 Sycamore Drive since the mid-1990s.

2.3 Current Land Uses of Adjoining and Surrounding Properties

Geographically, the Subject Property is located in a commercial, light-industrial area approximately 3 miles southwest of downtown Milpitas and approximately 6.5 miles north of downtown San Jose, as shown on **Figure 2**. Properties adjacent to and surrounding the Subject Property primarily consist of light industrial, research and development (R&D) and include the businesses described in **Table 2-1**.

Apex's visual and record review of adjoining and surrounding properties did not identify any current uses that are considered to be a REC with respect to the Subject Property.

TABLE 2-1: Adjoining and Surrounding Properties

Direction	Description
East	Barber Lane with Interstate Highway 880 and residences beyond
West	Cisco warehouse and Omnicell medication management software provider, 755 Sycamore Drive.
South	Incube Modulus, 526 Sycamore Drive, medical devices R&D
Northwest	Pensando Systems, 570 Alder Drive, cloud infrastructure R&D
Northeast	Auro Robotics, 1189 Barber Lane, self-driving vehicles R&D

3.0 USER PROVIDED INFORMATION

This section summarizes the information provided by the User, Duke, for this ESA. Information provided is summarized in **Table 3-1** and elsewhere in this report.

TABLE 3-1: User Provided Information

Data Type	Information Provided
Environmental Liens, AUL, Title Records	The Subject Property does not have any Environmental Liens. The Subject Property does not have any Activity and Use Limitations (AULs). A Title Records search was not included in this scope of work.
Specialized User Knowledge	No specialized user knowledge was provided regarding the Subject Property.
Commonly Known or Reasonably Ascertainable Information	Reports related to the Subject Property were found on GeoTracker. Environmental investigations and/or remediation has occurred at the Subject Property since the late 1980's.
Valuation Reduction for Environmental Issues	The User is responsible to perform the additional inquiries regarding purchase price to the fair market value of the Subject Property.
Reason for Performing Phase I ESA	This ESA was performed at the request of Duke in anticipation of an acquisition involving the Subject Property, for the User to qualify for defenses to Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability, and as part of Duke's due diligence for the acquisition loan requirements.
Other User Provided Information	No additional user information was provided regarding the Subject Property.

4.0 RECORDS REVIEW

This section summarizes all records obtained by Environmental Data Resources, Inc. (EDR) and reviewed by Apex to help identify RECs in connection with the Subject Property. The first section (Section 4.1) discusses the physical setting sources that will provide an understanding of the physical characteristics of the Subject Property and surrounding area. This important information will help determine the likelihood of potential contaminants migrating onto the Subject Property from surrounding properties with environmental contaminants. The next section (Section 4.2) reviews current and historical environmental records associated with the Subject Property and surrounding properties. Relevant listings will be discussed and reviewed for potential RECs. The section for historical use record review (Section 4.3) will follow to develop a history of the previous uses of the Subject Property and surrounding area to help identify RECs from past uses. The next section (Section 4.4) will provide a site history related to the historic environmental investigations and any environmental remediation that occurred on the Subject Property. This is followed by a findings section (Section 4.5) where identified RECs and information is summarized. The EDR Radius Map Report can be found in **Appendix A**.

4.1 Physical Setting Sources

Although the ASTM E1527-13 Standards only require a current U.S. Geological Survey (USGS) 7.5-Minute Topographic Map for analysis, that is not enough information to fully characterize the physical setting of the Subject Property. Apex utilized several sources to understand the physical properties of the Subject Property and surrounding area, as shown in **Table 4-1**. This information will determine the likelihood of hazardous substances and/or petroleum contaminants migrating from surrounding areas through the soil and groundwater onto the Subject Property. More importantly, it will also identify significant environmental record listings in the following sections that are upgradient of groundwater flow where the contaminants could migrate onto the Subject Property.

TABLE 4-1: Physical Setting Sources

Data Type	Data Source
Topography	United States Geological Survey (USGS) 7.5-minute topographic maps provided by EDR
Floodplain	Federal Emergency Management Agency (FEMA), Flood Insurance Rate Map
Wetlands	Fish and Wildlife Service (FWS) National Wetlands Inventory (http://www.fws.gov/wetlands/data/mapper.html)
Soils	United States Department of Agriculture (USDA) – Natural Resources Conservation Service (NRCS) Web Soil Survey (WSS) (http://websoilsurvey.nrcs.usda.gov/app/)

TABLE 4-1: Physical Setting Sources	
Data Type	**Data Source**
Geology	Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

4.1.1 Topography

The site of the Subject Property is essentially level, although properties to the south are at a higher topographic elevation. In general, the topography of the area is gently sloping. According to the USGS Milpitas, CA 7.5-Minute Series topographic map, the Subject Property's topographic elevation is approximately 30 feet above mean sea level (msl).

4.1.2 Geology and Soils

The San Jose area includes large Quaternary alluvial complexes in the Santa Clara and western San Joaquin Valleys, several contrasting Cenozoic sedimentary sequences that include Miocene and Pliocene volcanics and strongly deformed Plio-Pleistocene gravels, and fundamentally different basement terranes. Southwest of the San Andreas fault in the Santa Cruz Mountains, the basement consists of granitic and mafic crystalline rock; however, northeast of the fault in the Santa Cruz Mountains, beneath the Santa Clara Valley and in the Diablo Range, the basement consists of accreted Franciscan Complex structurally overlain by Coast Range ophiolite and marine clastics of the Mesozoic Great Valley sequence. These rocks are transected by the active San Andreas fault in the Santa Cruz Mountains and the active Calaveras and Hayward faults along the southwestern border of the Diablo Range, together with numerous other young faults of the San Andreas system.

According to soil boring logs obtained by CBRE, a 1983 subsurface investigation completed at the Subject Property showed soils generally consist of clay and silt in the uppermost 20 feet, underlain by fine grained sand to depths of 35 feet.

4.1.3 Hydrology

There are no surface water bodies or streams on or adjacent to the Subject. The radius map within the EDR Report (**Appendix A**) shows the closest open surface water to the Subject Property is Coyote Creek, located approximately 0.5 miles west of the Subject Property. Coyote Creek drains northward approximately 9 miles to San Francisco Bay.

Under natural, undisturbed conditions, shallow groundwater flow generally follows the topography of the land surface; thus, the topography suggests that groundwater flow across the Subject Property is in a northerly direction. However, localized conditions can alter flow direction and the presumed flow may not coincide with the actual flow. Historically, shallow groundwater located 1.25 miles south

of the Subject Property was encountered at a depth of approximately 11 to 22 feet below ground surface (bgs). According to the boring logs obtained by CBRE from the 1983 subsurface investigation conducted at the Subject Property, groundwater was encountered at approximately 25 feet bgs and flowing to the north.

Apex reviewed a wetlands map of the Subject Property using the U.S. Fish and Wildlife Service's Wetland Mapper. The source material used to produce the National Wetlands Inventory digital data for these maps was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Based on this review, no wetlands were identified on or adjacent to the Subject Property. In addition, the radius map within the EDR Report (**Appendix A**) contains layers from the FEMA Flood Insurance Rate Map (FIRM) and the Fish and Wildlife Services (FWS) National Wetlands Inventory Map. This figure shows that the Subject Property is not located on a national or state wetland. Portions of the Subject Property are located within a 500- or 100-year flood zone.

4.2 Environmental Record Review

The purpose of the environmental record review is to identify any records that are currently or historically associated with the Subject Property or adjacent and surrounding properties. This information will help identify any RECs in connection with the Subject Property and whether the listed sites with environmental records have current or former releases of hazardous substances and/or petroleum products that may have the potential to migrate onto the Subject Property.

4.2.1 Standard and Additional Environmental Record Sources

Consistent with ASTM E1527-13, a search of federal, state, and tribal environmental record sources within the established minimum search distances was conducted for the Subject Property by EDR and provided to Apex for review. The records search is used to identify adjoining or surrounding properties within the minimum search distance that may have a REC, HREC, CREC, or a de minimis condition that may exist at the Subject Property in connection with the searched listing. Apex reviewed the listings provided in the EDR report and summarized significant listings below. A full list of databases searched for this review can be found in the EDR Radius Map report in **Appendix A**.

Environmental record sources required by the ASTM standard are listed below in Table 4-2 along with the additional database sources that were searched and produced a record result. Pertinent findings from the record review are discussed in this section, while significant findings as they pertain to RECs are discussed in Section 4.5 and referenced in Section 8.0.

TABLE 4-2: Summary of Environmental Database Information			
Environmental Record	**Search Distance (Miles)**	**Listings within Search Distance**	**Subject Property Listed?**
Standard Environmental Records Sources Required by ASTM E1527-13			
Federal National Priorities Sites List (NPL)	1.0	0	No
Federal Delisted NPL Sites	1.0	0	No
Federal SEMS Sites (Former CERCLIS)	0.5	0	No
Federal SEMS Archive Sites (Former CERCLIS NFRAP)	0.5	2	No
Federal RCRA CORRACTS Facilities	1.0	0	No
Federal RCRA Non-CORRACTS TSD Facilities List	0.5	0	No
Federal RCRA Generators List	0.25	4	**Yes**
Federal Institutional Control / Engineering Control Registries	0.5	0	No
Federal Emergency Response Notification System (ERNS) List	0.125	0	No
State / Tribal-Equivalent NPL Sites	1.0	0	No
State / Tribal-Equivalent CERCLIS Sites	1.0	18	No
State / Tribal-Equivalent Landfill and Solid Waste Disposal Sites	0.5	0	No
State / Tribal-Equivalent Leaking Storage Tank (LUST) Sites	0.5	4	No
State / Tribal Registered Storage Tank List	0.25	2	No
State / Tribal Voluntary Cleanup Sites (VCP)	0.5	0	No
State / Tribal Brownfields Sites	0.5	0	No
Cleanup Program Sites (Former SLIC Sites)	0.5	6	**Yes**
Historical LUST	0.5	2	No
Additional State and Federal Record Sources			
U. S. Brownfields	0.50	0	No
Local Lists of Landfill / Solid Waste Disposal Sites	0.50	0	No
Local Lists of Hazardous Waste / Contaminated Sites	0.25	6	No
Local Lists of Registered Storage Tanks	0.25	1	No
Local Land Records	0.50	0	No
Records of Emergency Release Reports	Site	0	No

TABLE 4-2: Summary of Environmental Database Information			
Environmental Record	**Search Distance (Miles)**	**Listings within Search Distance**	**Subject Property Listed?**
RCRA NonGen / NLR	0.25	24	**Yes**
Other Ascertainable Records	Varies	34	No

4.2.2 Subject Property's Environmental Record Results

The Subject Property was listed in the following seven databases in the EDR report: CPS-SLIC, CERS, RCRA NonGen / NLR, RCRA-SQG, FINDS, CUPA Listings, and ECHO.

Records in one of the above databases (CPS-SLIC) did indicate a historic investigation in the late 1980s and an environmental remediation event in 2013, which are further discussed in Section 4.4.

- CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.
    - Thiocyanate contamination may have been contributed by former operations by General Electric Company (through use and storage of spent ink toners) or from agricultural operations prior to development. Thiocyanate investigation was conducted at the Subject Property in the late 1980s.
    - In 2013, the elevator system at 501 Sycamore released approximately 100 gallons of hydraulic oil beneath the property. Impacted soil was excavated and impacted groundwater was pumped out.
    - Given the low levels of thiocyanate and the adequate remediation of hydraulic oil, the case was considered low threat and was closed by the RWQCB February of 2018.
- CERS and CUPA Listings: The CalEPA Regulated Site Portal databases combine data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials.
    - No significant findings.
- RCRA NonGen / NLR and SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA)

of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

  - No significant findings.

- FINDS: FINDS contains both facility information and "pointers" to other sources that contain more detail. EDR includes the following FINDS databases: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).
  - No significant findings.
- ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.
  - No significant findings.

In summary, Apex does not consider these listings to be RECs with respect to the Subject Property.

4.2.3 Adjoining and Surrounding Properties' Environmental Record Results

There are several listings in the EDR report for off-site facilities within applicable ASTM search radii. These listings (i.e., small quantity hazardous waste generators, registered and historical USTs, solid waste disposal sites, permitted hazardous waste facilities, etc.) by themselves are not indicative of a contamination concern. However, the listings in the EDR report for the off-site facilities at a lower elevation than the Subject Property and within a 0.25-mile search radii are discussed below for purposes of this assessment.

Facility: Micron Technology; 540 & 570 Alder Dr.

Database: RCRA NonGen / NLR; CUPA Listings; CERS

- RCRA NonGen / NLR
  - No significant findings.
- CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

- 02-17-15: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. Returned to compliance on 03-26-2015.
- 08-08-2016: Facility engaged in research and development of electronic components such as memory/flash drives. Facility has 4 re-work soldering stations that collect solder splatter and drips. Occasionally sponges and lead vapor filters are changed out and these must be evaluated for potential to meet hazardous waste criteria. Solder waste (drips, splatters and others) may be managed as scrap metal as long as they are 100 microns in size or larger.
- 10-10-2016: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
- 02-27-2020: Facility failed to annually review and certify the Hazardous Materials Business Plan (HMBP). Prior to submission on 02-27-2020, facility last submitted on 12-03-2018 (facility, plans) and 11-30-2018 (inventory). Reportable hazardous materials include diesel fuel (600 gallons in above ground storage tank for emergency power). Reviewed SPCC and HMBP training most recently performed on 03-29-2019. Returned to compliance on 03-27-2020.

- CERS
  - No significant findings.

Facility: Blue Sky Research; 510 Alder Dr.

Databases: RCRA NonGen / NLR; CUPA Listings

- RCRA NonGen / NLR
  - No significant findings.
- CUPA Listings
  - No significant findings.

Facility: ADAC Laboratories; 570 Alder Dr.

Database: CUPA Listings

- CUPA Listings
  - No significant Findings.

Facility: Phillips Nuclear Medicine; 560 Alder Dr.

Database: CUPA Listings

- CUPA Listings
    - No significant Findings.

Facility: Varian Medical Systems; 596 Alder Dr.

Databases: RCRA NonGen / NRL; FINDS; ECHO; CUPA Listings; CERS

- RCRA NonGen / NRL
    - Hazardous waste summary (date unknown) includes the following: ignitable waste, corrosive waste, reactive waste, arsenic, lead, mercury, benzene, carbon tetrachloride, chloroform, methyl ethyl ketone, and trichloroethylene. No violations reported.
- FINDS
    - No significant findings.
- ECHO
    - No significant findings.
- CUPA Listings
    - No significant findings.
- CERS
    - No significant findings.

Facility: Atari Games; 715 & 735 Sycamore Dr.

Databases: RCRA-SQG; FINDS; ECHO; CUPA Listings

- RCRA-SQG: Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.
    - No significant findings.
- FINDS
    - No significant findings.
- ECHO
    - No significant findings.
- CUPA Listings
    - No significant findings.

Facility: Cisco Systems; 755 Sycamore Dr.

Databases: AST; CUPA Listings; NPDES; CIWQS; CERS; RCRA NonGen / NLR; CERS HAZ Waste; CERS Tanks; HAZNET; HWTS

- AST: A listing of aboveground (petroleum) storage tank locations.
    - No significant findings.
- CUPA Listings
    - No significant findings.
- NPDES: National Pollutant Discharge Elimination System (NPDES) program.
    - No significant findings.
- CIWQS: The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.
    - No significant findings.
- CERS
    - 05-19-2014: Failure to provide training regarding 1. The operation and maintenance of equipment to prevent discharges; 2. Discharge procedure protocols; 3. Applicable pollution control laws, rules, and regulations; 4. General facility operations; and 5. The contents of the SPCC Plan. Returned to compliance on 05-20-2014.
    - 05-14-2014: Failure to include inspections of tank supports/foundation, deterioration, discharges and/or accumulations of oil inside diked areas, and comparison records in the records of inspections (or customary business records). Returned to compliance on 05-20-2014.
    - 05-14-2014: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required). Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds). Returned to compliance on 06-19-2014.
    - 05-19-2014: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the threshold quantities of 55 gallons or 500 pounds per 200 cubic feet. Returned to compliance on 06-30-2014.
    - 05-19-2014: Failure to test liquid level sensing devices to ensure proper operation. Returned to compliance on 10-27-2014.

  - 09-07-2016: Failure to regularly inspect aboveground valves, piping, and appurtenances.
  - 09-07-2016: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

- RCRA NonGen / NLR
  - No significant findings.
- CERS HAZ Waste: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.
  - No significant findings.
- CERS Tanks: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.
  - No significant findings.
- HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.
  - No significant findings.
- HWTS: DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.
  - No significant findings.

Facility: Amo Sales and Services/Manufacturing; 715 Sycamore Dr.

Databases: RCRA NonGen / NLR; CUPA Listings

- RCRA NonGen / NLR
  - No significant findings.
- CUPA Listings
  - No significant findings.

Facility: Quantum Corporation; 715 Sycamore Dr.

Database: CUPA Listings

- CUPA Listings
    - No significant findings.

Facility: Omnicell; 725 Sycamore Dr.

Databases: CUPA Listings; CERS; RCRA NonGen / NLR

- CUPA Listings
    - No significant findings.
- CERS
    - No significant findings.
- RCRA NonGen / NLR
    - No significant findings.

In Summary, Apex does not consider these listings to be RECs with respect to the Subject Property.

4.2.4 Environmental Liens Search

Environmental liens and Activity/Use Limitations (AULs) can commonly be found within recorded land title records (e.g., County Recorder/Registry of Deeds). The types of title reports that may disclose environmental liens and AULs include Preliminary Title Reports, Title Commitments, Condition of Title, and Title Abstracts. Chain-of-title reports will not normally disclose environmental liens or AULs. Environmental liens and AULs that are imposed by judicial authorities may be recorded or filed in judicial records only. An environmental lien report was obtained from EDR for review. No environmental liens are associated with the Subject Property. No AULs were included in the EDR search report.

A copy of the Environmental Lien and AUL Search Report is included in **Appendix B**.

4.3 Historical Use Records

Apex reviewed reasonably ascertainable records documenting the history of the use and/or ownership of the Subject Property and adjoining/surrounding properties. **Table 4-3** below summaries this historical use information. Further significant details of displayed uses in **Table 4-3** are summarized in this section by the source from which the information was obtained.

TABLE 4-3: Historical Use Summary		
Period	**Source**	**Description**
1939, 1940, 1948, 1950	Aerial Photographs & Topographic Maps	The Subject Property is undeveloped and used for agricultural purposes.
1956, 1963	Aerial Photographs & Topographic Maps	The Subject Property remains unchanged. A highway (Interstate 880) has been constructed just east of the Subject Property (1956).
1968	Aerial Photograph & Topographic Map	The Subject Property remains unchanged. A residential neighborhood is being developed east of the highway and to the southeast of the Subject Property.
1974, 1979	Aerial Photographs & Topographic Maps	The Subject Property remains unchanged. The residential neighborhood has continued its development to the east of the Subject Property (1974).
1982	Aerial Photograph & Topographic Map	The Subject Property (475, 501 and 525 Sycamore Drive) appear to be under construction.
1993	Aerial Photograph & Topographic Map	The Subject Property and adjoining properties appear relatively unchanged from the 1982 aerial photograph. A road (Great Mall Parkway) has been constructed north of the Subject Property and the residential neighborhood has continued its development to the northeast of the Subject Property.
1998	Aerial Photograph & Topographic Map	The Subject Property and adjoining properties appear relatively unchanged from the 1982 aerial photograph. Industrial development has occurred north of the Subject Property.
2006, 2009, 2012, 2016	Aerial Photographs & Topographic Maps	The Subject Property, adjoining properties, and surrounding area appear relatively unchanged from the 1998 aerial photograph.

4.3.1 Aerial Photographs

Digital aerial photographs dated 1939, 1940, 1948, 1950, 1956, 1963, 1968, 1974, 1979, 1982, 1993, 1998, 2006, 2009, 2012, and 2016 provided by EDR were reviewed by Apex. Copies of aerial photographs can be found in **Appendix C**.

4.3.2 Topographic Maps

EDR provided historic topographic maps with coverage of the Subject Property dated 1889, 1897, 1899, 1953, 1961, 1968, 1973, 1980, and 2012 which were reviewed by Apex. Because they show many man-made features not evident in photographs, historical topographic maps are useful in documenting the history of developments and land use features on many properties, particularly those in rural, unincorporated areas. Copies of these maps are included in **Appendix D**.

4.3.3 City Directories

EDR provided historic city directories for the years available between 1922 and 2017. Historical city directories, listed by street address, are frequently useful in documenting the historical occupancy of properties in urban or otherwise incorporated areas that have a significant history of developed commercial use. A copy of the City Directories Results is included as **Appendix E**.

4.3.4 Fire Insurance Maps

EDR did not find any fire insurance maps associated with the Subject Property. The certified Sanborn search results are included in **Appendix F**.

4.3.5 Building Permit Records

Building permit records can be used to identify structures and/or features of previous or current properties on the Subject Property and adjacent/surrounding properties. This information can be used to determine potential environmental concerns through the presence of USTs, sump pumps, septic tanks and connection dates to sewer, electrical, water, and natural gas.

Building, mechanical, and electrical permits for the Subject Property and from adjoining and surrounding properties had no identifiable environmental concern. A copy of the building permits report is included as **Appendix G**.

4.3.6 Property Tax Map Report

The EDR Property Tax Map Report indicated that the Subject Property consists of one parcel identified as APN 083-31-001 and encompasses approximately 14.0 acres. A copy of the Property Tax Map Report is included as **Appendix H**.

4.4 Site History – Environmental Investigations

Apex reviewed the Phase I Environmental Site Assessment (Phase I ESA) submitted by CBRE on June 15, 2016. Within the Phase I ESA, CBRE referenced a report entitled Phase I Environmental Site Assessment, Vacant Office Building, 501 Sycamore Drive, Milpitas, CA. The report was prepared by BBJ Group (BBJ), on behalf of iStar Financial, Inc. (iStar), and dated November 16, 2015. The report was prepared for 501 Sycamore Drive (referred to as the Subject Property by BBJ), while 475 and 525 Sycamore Drive were considered adjoining properties. According to BBJ, the Subject Property appeared as agricultural property from at least 1939 to the early 1980s. From 1982 – 1983, the Subject Property was developed into its current configuration with a two-story office building and associated asphalt paved parking and landscaped areas. The Subject Property was occupied by General Electric Calma (GE Calma), a subsidiary of GE, from 1983 to 1989 and used for office space. From 1992 to 2003, the Subject Property was occupied by Quantum, Inc. (Quantum) and used for office use. According to Ms. Sheba Challenger (interviewed by BBJ in 2015), Regional

Director at iStar, "the Subject Property has been vacant since 2003". The Subject Property features have reportedly remained unchanged since construction was completed in 1983. BBJ stated that they did not identify any RECs, CRECs or HRECs in connection with the Subject Property; however, historic investigations (i.e., the SLIC case) and a historic hydraulic oil release were identified. BBJ was able to review the SLIC regulatory file associated with the former GE tenant. Below is BBJ's discussion of this SLIC case (which includes their summary of several prior reports).

- A 1983 Groundwater Report assessed groundwater conditions at the Subject Property and adjoining properties (475 and 525 Sycamore Drive) prior to the proposed move of GTE Lenkurt (GTE) to the Subject Property in June 1983. A network of three monitoring wells were installed to collect groundwater samples for water quality analysis and to determine the direction of groundwater flow. The three monitoring wells were located on the north, south, and east portions of the proposed GTE site, of which one monitoring well, W3, was located on the Subject Property. Soil encountered during drilling activities consisted of predominantly clay and silt in the uppermost 20 feet, underlain by fine grained sand to depths of 35 feet. Groundwater flow was determined to be north toward San Francisco Bay. According to the 1983 Groundwater Report, the sampling results from all three monitoring wells identified detectable concentration of chromium, copper, and nickel which were relatively low and below the levels established for drinking water. Additionally, no detectable concentrations were reported for any organic priority pollutant chemical.
- A Site Assessment Report prepared by Brown and Caldwell Consulting Engineers (Brown and Caldwell), on behalf of GE, dated December 5, 1989, was prepared to assess current conditions upon GE ceasing operations at all three buildings (475, 501, and 525 Sycamore Drive). Brown & Caldwell noted that construction of the buildings began in 1982, and GE occupied the buildings the following year in 1983. Brown & Caldwell reviewed site records and discussed GE's operations with Mr. Dave Blank of GE. Mr. Blank indicated that "chemical wastes generated at the Subject Property and adjoining properties were limited to spent toners for color plotters, which contained isoparaffinic petroleum solvent and processing chemicals including ammonium thiosulfate, ammonia thiocyanate, and acetic acid. Freon had also been used to clean electrical components". Raw chemicals were stored in small containers purchased from the supplier and waste chemicals were placed in 55-gallon drums for subsequent disposal. Brown & Caldwell collected three groundwater samples from the existing wells and eight soil samples throughout the GE site. Soil samples were collected as follows:
    - 475 Sycamore Drive: Two samples were collected from around the industrial trash compactor located north of the building;
    - 525 Sycamore Drive: Three soil samples were collected from beneath the chemical storage area in the northern portion of the property. Two samples were collected beneath the concrete vault which housed a 500-gallon plastic, three-stage clarifier

tank located on the west side of the building. One background sample was collected in the southwestern corner of the property; and

- No soil samples were obtained from the Subject Property (501 Sycamore Drive).

According to the 1989 Site Assessment Report, soil samples were analyzed for total fuel hydrocarbons (TFH), purgeable priority pollutants (PPP), sulfate, ammonia nitrogen, pH, and thiocyanate. The groundwater samples were analyzed for TFH, PPP, and extractable priority pollutants (EPP). According to the soil analytical results, TFH and PPP organic compounds were not identified in any of the soil samples above the laboratory reporting limits (RLs). Thiocyanate, sulfate, and ammonia nitrogen were identified in the soil samples above the laboratory RLs; however, thiocyanate, sulfate, and ammonia nitrogen were also identified above the laboratory RLs in the background sample. The groundwater analytical results did not identify TFH, PPP, or EPP in any of the groundwater samples above the laboratory RLs.

Brown and Caldwell concluded that the fact that the compounds were identified in all of the soil samples, including the background sample, indicate they are either naturally occurring in the soil or are the result of past practices prior to GE's occupancy, possibly agriculture. Additionally, Brown and Caldwell stated the concentrations do not indicate that a significant chemical contamination problem exists at the site which would warrant further investigation. Regarding groundwater, Brown and Caldwell stated TFH, PPP, and EPP compounds were not identified in any of the groundwater samples above the laboratory RLs and that although one compound was tentatively identified in the sample from well W1, this chemical could only be identified by its chemical formula C15H25O2. This compound falls into one of three possible groups of compounds with minimal toxicity and adverse environmental affects and does not appear to represent a significant chemical contamination problem at the site.

- A 1990 Closure Plan detailed the closure of GE's operations at the Subject Property and the eastern and western adjoining properties (525 and 475 Sycamore Drive) at the time GE vacated the Subject Property in 1989. Specifically, the 1990 Closure Plan discusses the management and disposal of office-related chemicals and an assessment of soil and groundwater at the three properties.

  Chemicals stored on-site during GE's occupancy included spent toners and dispersants for color plotters, film processing chemicals, paint, and assorted combustible liquids. These were stored within a bermed chemical storage shed at the properties or within a fenced area for storage of empty containers at the back of the 501 Sycamore, which produced roughly 150 pounds per year of disposal waste. As stated in the 1990 Closure Plan, these materials were removed and properly disposed of off-site in May and December 1989. Additionally, the 1990 Closure Plan noted that a belowground storage tank located to the west of the 525 Sycamore Drive had been installed by the original builder, GTE; however, it was never used by GTE. The storage tank appears to be a plastic, three-stage clarifier tank located on a metal frame within a concrete vault; therefore, referred to as a clarifier tank. Although GE stated they did not use the tank, it was found to have approximately 20 gallons of liquid in it.

The liquid was sampled and found to contain zinc; therefore, the liquid was subsequently pumped from the clarifier tank by Aardvark Pumping before the lease expired on December 31, 1989.

- Wahler Associates completed a technical review report of the 1990 Closure Plan on behalf of the owner of the Subject Property. The Wahler Associates technical review indicated that GE occupied the Subject Property from 1983 to 1989. Wahler Associates' technical review consisted of a site reconnaissance, a review of the 1983 Groundwater Report, a review of the 1989 Site Assessment Report, a review of the 1990 Closure Plan, and correspondence with the City of Milpitas Fire Department. During the site reconnaissance, Wahler Associates observed 12 rusted drum locking rings within a fenced area for storage of empty containers at the back of the Subject Property. A hazardous materials warning sign was posted at the entrance of the fenced area. Wahler Associates suggested that the drums may have produced chemical waste generation and disposal rates beyond the 150 lbs. per year rate reported by GE. Wahler Associates reported no stains on the concrete surface of the storage area. The 1990 Technical Review of the above-mentioned reports indicated that the site was not to be considered contaminated.

- The 1998 Fluor Daniel GTI Phase I Environmental Site Assessment (Phase I ESA) was performed on the entire three-building parcel consisting of 475, 501 and 525 Sycamore Drive. At the time of the Phase I ESA, Quantum occupied all three buildings and reportedly used the 501 Sycamore proerty for office space only.

  The Phase I ESA indicated that a below ground storage tank (i.e., the clarifier tank) was installed at 525 Sycamore Drive during development. Flour Daniel GTI reported that the tank was a plastic, three-stage clarifier tank situated underground in a concrete vault behind the building. Flour Daniel GTI contacted the Santa Clara RWQCB for more information regarding the tank. Mr. Chuck Headlee of the Santa Clara RWQCB stated that "there was a record of a 500-gallon plastic tank located in a vault at 501 Sycamore Drive"; however, he also stated that "475, 501, and 525 were all listed under the name 501 Sycamore Drive". Therefore, the tank in the LUST database was likely located at 525 Sycamore Drive as stated in the General Electric Closure Report. Mr. Headlee indicated that the identification of the property in the LUST database was "the result of soil samples collected from beneath the underground vault which housed the tank". The soil analyses conducted on samples collected from beneath the tank's vault showed low levels of agricultural chemicals which were also found in the background samples collected on-site. However, because of the nature of the RWQCB database, the low-level agricultural contamination was entered into the database as a solvent release which, according to Mr. Headlee, "is the standard entry for any non-petroleum contamination from an underground storage tank". Mr. Headlee also stated that "the file was listed as inactive and would not be re-opened unless excavations by current or future owners uncovered additional contamination". In the event that the file was re-opened, Mr. Headlee stated that "the original owner of the tank (General Electric) would be held responsible". Mr.

Headlee had no information regarding the closure or removal of the tank. Neither the Milpitas Fire Department nor the Hazardous Materials Department had any information relating to the tank in question. During the Fluor Daniel GTI site visit, the clarifier tank reported at the 525 Sycamore Drive property was not present and it was concluded that no recognized environmental conditions (RECs) were observed at the Subject Property during the Phase I assessment.

- BBJ previously prepared a Letter Report of Elevator Soil and Groundwater Collection Services for the Subject Property, dated April 5, 2013. BBJ's summary of their 2013 letter is as follows:
    - The elevator located in the Subject Property was found to be out of order in January 2013. Otis Elevator Co. (Otis) performed diagnostic tests on the hydraulic system and determined that 100 gallons of hydraulic oil were missing from the sub-grade hydraulic system. The hydraulic system consisted of an approximately 16-foot long single piston encased in a 7-inch, single-walled, metal cylinder which was situated in the soil below the concrete elevator shaft approximately 4-feet below the first floor grade of the Subject Property building. Otis added an additional 40 gallons of hydraulic oil to the hydraulic system and determined that the hydraulic oil had drained from the hydraulic system and needed to be replaced.
    - Otis returned to the Subject Property on March 4, 2013 to remove the hydraulic system. Upon removal of the hydraulic system, a small hole approximately 0.25-inches in size, was discovered at the base of the cylinder and hydraulic oil was observed at the bottom of the 16-foot hole where the cylinder was formerly situated. iStar subsequently engaged BBJ to oversee the removal of the impacted subsurface media and investigate the subsurface at the location of the former hydraulic system.
    - BBJ instructed Otis' contractor, KM McRae Drilling, Inc. (KM McRae), to pump out the oily liquid from the cylinder hole. Approximately 20 gallons were removed and containerized in a 55-gallon drum. KM McRae then began auguring a 20-inch hole using a mechanically-driven, solid-stem auger attached to the elevator rails to accommodate the new hydraulic piston and remove impacted soil. KM McRae advanced the boring to a depth of 17-feet below the elevator shaft floor (when groundwater was encountered). KM McRae pumped out an additional 30 gallons of liquid which were containerized in the 55-gallon drum.
    - KM McRae pumped out an additional 50 gallons of oily liquid from the cylinder hole and containerized the liquid in another 55-gallon drum, bringing the total amount of oily liquid (groundwater) to approximately 100 gallons. Moreover, impacted soil from soil cuttings were containerized in seven 55-gallon drums, bringing the total amount of impacted soil removed to approximately three cubic yards. Otis stated that the 55- gallon drums of soil cuttings and groundwater were transported off-site and disposed of by Nevada Thermal of Sparks, Nevada.

- BBJ collected a grab sample of the liquid and two soil samples from the sidewall of the cylinder hole for laboratory analysis of volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), total petroleum hydrocarbon (TPH), and California Assessment Manual metals (CAM-17). The laboratory analytical results were compared to the United States Protection Agency (USEPA) Region 9 Regional Screening Levels, San Francisco Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs), California Environmental Protection Agency (CalEPA) and California Human Health Screening Levels (CHHSLs), and Background Concentrations of Trace and Major Elements in California Soils. Based on a review of the laboratory analytical results for soil and groundwater, TPH-diesel range organics and TPH-motor oil range organics were detected in soil and groundwater samples exceeding applicable San Francisco RWQCB ESLs. VOCs and PCBs were not identified in soil or groundwater samples exceeding applicable standards. In addition, several CAM-17 metals were identified above the previously listed standards; however, soil concentrations were within the range of background concentrations and turbidity in the groundwater sample likely inflated the concentrations in groundwater. Therefore, it is unlikely that the concentrations of metals were indicative of the hydraulic oil release from the hydraulic system.

Based on the activities performed at the Subject Property, BBJ concluded that the majority of the hydraulic oil released was recovered. BBJ notified the California Environmental Management Agency (CalEMA) on March 8, 2013 of the hydraulic oil release and the remedial and sampling activities conducted at the Subject Property. No further actions have been required.

4.5 Record Review Findings

Apex reviewed the available environmental and historical records for the Subject Property according to ASTM E1527-13 Standards.

As stated in Section 4.2.2, Apex does not consider this listings in the EDR report to be RECs with respect to the Subject Property.

As discussed in Section 4.4, aside from the hydraulic oil leak discovered in 2013, there are no known releases at the Subject Property. Therefore, there are no associated soil, soil vapor, or groundwater impacts with respect to the Subject Property.

The California State Water Resources Control Board GeoTracker website contains documents regarding the Subject Property under Global ID T0608591745.

5.0 SITE RECONNAISSANCE

The Subject Property was inspected on September 1, 2021 by Apex representative Suzanne Nase, a qualified environmental professional. Weather conditions at the time of the inspection were clear with temperatures of approximately 75 degrees Fahrenheit. Ms. Nase was accompanied by Tamsen Scott of Riverrock Real Estate Group. 475 Sycamore Drive was occupied by SpiderCloud Wireless, Inc. 501 Sycamore Drive was vacant. 525 Sycamore Drive was occupied by Spectra Laboratories. Photographs were limited inside of 475 Sycamore Drive and 525 Sycamore Drive at the requests of the current tenants. Photographs taken during the site walk can be found in **Appendix I**. This section summarizes the findings of the site inspection.

5.1 Hazardous Substances and Petroleum Products

Apex did not identify any hazardous substances or petroleum products on the Subject Property. Chemicals used in 475 Sycamore Drive and 525 Sycamore Drive were small amounts of cleaning chemicals. All chemicals were stored in flammable liquid storage cabinets that were in good condition.

5.2 Waste Generation, Storage, and Disposal

525 Sycamore Drive generates biohazard waste that is stored in a locked, fenced location outside the building. It is picked up and properly disposed of regularly. 501 Sycamore Drive has been vacant since 2003. Therefore, Apex did not observe any solid waste or hazardous waste generated. General office type waste is generated from 475 Sycamore Drive.

5.3 Underground Storage Tanks & Aboveground Storage Tanks

Apex did not observe any USTs or common indicators of USTs such as vent pipes, fill ports, manways, pavement cuts, fuel gauges, or dispensers on the Subject Property.

Apex did not observe any ASTs on the Subject Property.

5.4 Polychlorinated Biphenyls (PCBs) and Oil-Containing Equipment

Apex observed utility-owned, pad-mounted electrical transformers on the Subject Property. Based on their age, it is unlikely that the transformers contain PCBs. The electrical equipment appeared to be in good condition, free of leakage. The current hydraulic elevator in 501 Sycamore Drive was installed in 2013 and is not suspected to contain PCBs.

5.5 Other Observations

Apex did not observe soil staining, stained pavement, or stressed vegetation on the Subject Property. No visible evidence of liquid discharges suspected to represent an environmental concern were observed. Apex did not observe standing surface water or pools containing liquids likely to be

hazardous substances or petroleum products. No pits, ponds, or lagoons suspected of containing hazardous substances or petroleum products were identified. Apex did not identify any dry wells, irrigation wells, injection wells, observation wells, monitoring wells, potable water wells, recovery wells, or abandoned wells on the Subject Property. Apex did not identify strong, pungent, or noxious odors suspected to represent an environmental concern.

5.6 Findings from the Site Reconnaissance

This assessment did not reveal any issues that are considered RECs in connection with the Subject Property.

This assessment did not reveal any issues that are considered de minimis conditions associated with the Subject Property.

Apex identified the following issue as a Business Environmental Risk associated with the Subject Property:

- Construction of the Subject Property began in 1982. Based on the age of site improvements, the potential on-site use of asbestos-containing materials exists.

6.0 INTERVIEWS

Apex interviewed available tenants of the Subject Property to obtain information regarding their knowledge of recent activities or other environmental concerns at the site. Mr. Durland Miller, the location manager for SpiderCloud Wireless, was interviewed regarding the activities at 475 Sycamore Drive. According to Mr. Miller, SpiderCloud Wireless has occupied the building since 2016. Mr. Miller confirmed that SpiderCloud Wireless is a provider of small wireless cell systems and had no knowledge of environmental impairments at the Subject Property.

Mr. Robert Albino, the location manager for Spectra Laboratories, was interviewed regarding the activities at 525 Sycamore Drive. According to Mr. Albino, Spectra Laboratories has occupied the building since 2008. Mr. Albino confirmed that Spectra Laboratories is a provider of bio-medical testing services and had no knowledge of environmental impairments at the Subject Property.

The second story of 501 Sycamore has also been leased by Spectra Laboratories since 2013, however, according to Mr. Albino, they have never occupied that space. The remainder of 501 Sycamore was also vacant and, therefore, no additional interviews were obtained.

The tenants of the Subject Property available for interviews at the time the site visit was conducted were unaware of any chemical releases or any other environmental concerns in regard to the properties in which they leased. No additional information related to environmental conditions of the Subject Property was obtained.

7.0 CONDITIONS OUTSIDE THE SCOPE OF ASTM E1527-13

According to the ASTM E1527-13 Standards, Duke Realty may conduct additional investigations to assess other environmental conditions in connection with the commercial real estate. At the request of Duke, Apex did not conduct any additional investigations at the Subject Property.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Apex performed this Phase I ESA in accordance with the U.S. Environmental Protection Agency's 40 CFR, Part 312 Standards and Practices for All Appropriate Inquiries (AAI) and ATSM E1527-13: "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" and the proposal from Apex to Duke Realty dated June 28, 2021. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report.

This assessment did not reveal any issues that are considered RECs in connection with the Subject Property.

This assessment did not reveal any issues that are considered de minimis conditions associated with the Subject Property.

Apex identified the following issue as a Business Environmental Risk associated with the Subject Property:

- Construction of the Subject Property began in 1982. Based on the age of site improvements, the potential on-site use of asbestos-containing materials exists.

Conclusions

The results from the soil sampling conducted in 1989 showed that thiocyanate, sulfate, and ammonia nitrogen were identified above laboratory RLs in all of the soil samples and in the background sample. Chemical wastes generated by GE at the Subject Property and adjoining properties were limited to spent toners for color plotters, which contained isoparaffinic petroleum solvent and processing chemicals including ammonium thiosulfate, ammonia thiocyanate, and acetic acid. The results from the soil sampling may have been contributed by GE's former operations through the use and storage of spent ink toners. The fact that the compounds were identified in all of the soil samples, including the background sample, could also indicate that they are either naturally occurring in the soil or are the result of past practices prior to GE's occupancy, possibly from agricultural operations. Additional characterization and/or remediation is not warranted.

In 2013, the subgrade hydraulic system at the 501 Sycamore Property released approximately 140 gallons of hydraulic oil beneath the property. Remediation included the removal and off-site disposal of approximately 100 gallons of oily liquid (groundwater) and 3 cubic yards of impacted soil. A grab sample of the liquid and two soil samples from the sidewall of the cylinder hole were collected. TPH-diesel range organics and TPH-motor oil range organics were detected in soil and groundwater samples exceeding applicable San Francisco RWQCB ESLs. Several CAM-17 metals were detected in soil and groundwater samples exceeding the applicable standards; however, soil concentrations were within the range of background concentrations and turbidity likely inflated the concentrations in groundwater. Therefore, it is unlikely that the concentrations of metals were indicative of the hydraulic oil release. VOCs and PCBs were not detected in soil or groundwater samples exceeding the applicable standards. The majority of the hydraulic oil released was recovered through remedial efforts and the risk posed by the residual diesel and motor oil is low.

Based on these conclusions, Apex has determined the following: the Subject Property has been adequately characterized through multiple rounds of soil and groundwater sampling; current pathways to groundwater, surface water and human receptors are not of concern due to minimal levels of contamination; there are no suspected risks to human health, ecological health or sensitive receptors, considering current and future land and water uses; and there are no suspected threats to groundwater or surface water resources, considering existing and potential beneficial uses. In summary, risk management measures are not required.

Recommendations

Construction of the Subject Property began in 1982. Based on the age of site improvements, the potential on-site use of asbestos-containing material exists. Common building components that may contain asbestos include ceiling tiles, floor finish assemblies, wallboard assemblies, built-up roofing systems, caulking, and mastics. If these materials are in good condition and the potential for fiber release is low, no further action is recommended at this time other than maintaining the materials in good condition under an Asbestos Operations and Maintenance (O&M) Program. All activities involving potential asbestos-containing material should be conducted in accordance with governmental (Federal and State) regulations.

It is Apex's understanding that Duke has agreed to take on the responsibility for future redevelopment of the Subject Property.

9.0 ENVIRONMENTAL PROFESSIONALS

9.1 Signatures of Responsible Environmental Professionals

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR Part 312, and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Michael Basilisco
Staff Scientist

Bob Robitaille
Senior Geologist

9.2 Qualifications of Responsible Environmental Professionals

Mr. Basilisco has a Bachelor of Arts in Biology, a Doctor of Medicine (M.D.), and over 5 years of professional experience in the environmental consulting field. He has provided oversight and participated in numerous investigations in varied settings including industrial, commercial, and groundwater resources. During that time, Mr. Basilisco has regularly conducted Phase I and Phase II Environmental Site Assessments in California. Mr. Basilisco is an Environmental Professional as defined in § 312.10 of 40 CFR Part 312.

Mr. Robitaille has a Bachelor of Science in Geology and over 29 years of professional experience in the environmental consulting field. He has designed, provided oversight, and participated in numerous investigations in varied settings including industrial, commercial, mining, oil field, and groundwater resources. During that time, Mr. Robitaille has regularly conducted Phase I and Phase II Environmental Site Assessments throughout the United States. Mr. Robitaille is an Environmental Professional as defined in § 312.10 of 40 CFR Part 312.

10.0 REFERENCES

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Fish and Wildlife Service (FWS) National Wetlands Inventory. 2018. http://www.fws.gov/wetlands/data/mapper.HTML.

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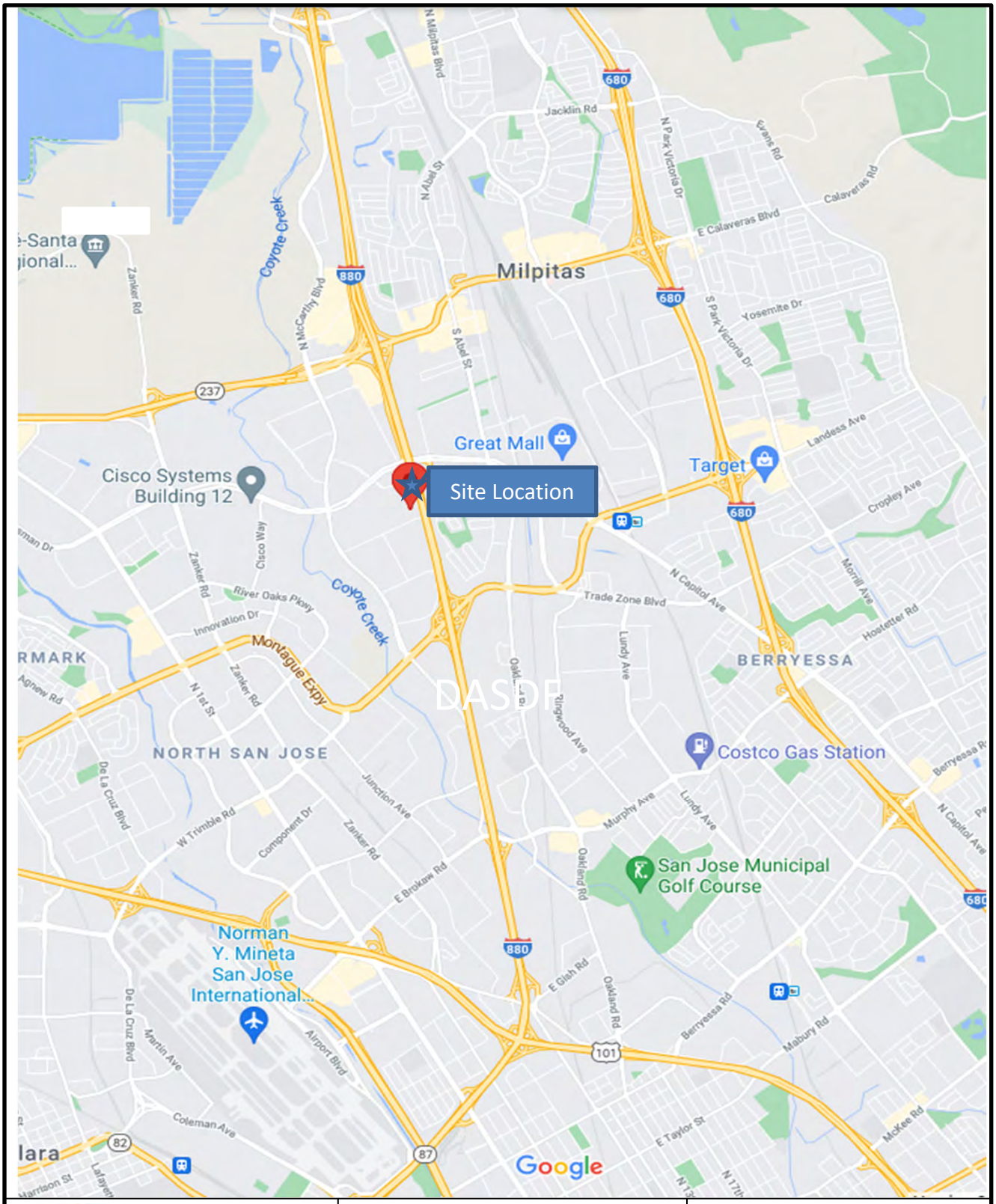
FIGURES



APEX

3478 BUSKIRK AVENUE, SUITE 100
PLEASANT HILL, CA 94523

Duke Realty
475, 501, and 525 Sycamore Drive
Milpitas, California

SITE LOCATION MAP

FILE NAME	DATE	DR. BY	APP. BY	PROJECT #	FIGURE #
	09/08/21	TC	BR	093-DUKE-063	1

APEX 3478 BUSKIRK AVENUE, SUITE 100 PLEASANT HILL, CA 94523	Duke Realty 475, 501, and 525 Sycamore Drive Milpitas, California			**SITE PLAN**		
	FILE NAME figure 2 site plan (factory)	DATE 09/08/21	DR. BY TC	APP. BY BR	PROJECT # 093-DUKE-063	FIGURE # 2

APPENDIX A

EDR RADIUS MAP REPORT

Duke - Sycamore
501sycamore Rd
Milpitas, CA 95035

Inquiry Number: 6649058.1s
September 03, 2021

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	492
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

501SYCAMORE RD
MILPITAS, CA 95035

COORDINATES

Latitude (North):	37.4110160 - 37° 24' 39.65''
Longitude (West):	121.9135940 - 121° 54' 48.93''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	596145.2
UTM Y (Meters):	4140819.0
Elevation:	30 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5640070 MILPITAS, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140606
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
501SYCAMORE RD
MILPITAS, CA 95035

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	GENERAL ELECTRIC CAL	475, 501, 525 SYCAMO	CPS-SLIC, CERS	Higher	179, 0.034, North
A2	GTE LENKURT CO INC	501 SYCAMORE DR	RCRA NonGen / NLR, FINDS, ECHO	Higher	298, 0.056, SSE
A3	MAXTOR CORPORATION	525 SYCAMORE DR	RCRA-SQG, FINDS, ECHO	Higher	298, 0.056, SSE
A4	CALMA/DIVISION OF PR	475 SYCAMORE DR	RCRA NonGen / NLR, FINDS, ECHO	Higher	298, 0.056, SSE
A5	SPECTRA LABORATORIES	525 SYCAMORE DR	RCRA NonGen / NLR	Higher	298, 0.056, SSE
A6	GENERAL ELECTRIC CAL	501 SYCAMORE DR	CPS-SLIC	Higher	298, 0.056, SSE
A7	SPECTRA LAB	525 SYCAMORE DR	CERS HAZ WASTE, CUPA Listings, CERS	Higher	298, 0.056, SSE
B8	INCUBE LABS, LLC	518 SYCAMORE DR	RCRA NonGen / NLR	Higher	568, 0.108, SSW
B9	MODULUS,INC	518 SYCAMORE DR	RCRA NonGen / NLR	Higher	568, 0.108, SSW
B10	INCUBE LABS, LLC	518 SYCAMORE DR	CERS HAZ WASTE, CUPA Listings, HAZNET, CERS, HWTS	Higher	568, 0.108, SSW
B11	SACRAMED	518 SYCAMORE DR-S	RCRA NonGen / NLR	Higher	568, 0.108, SSW
B12	EDWARDS HIGH VACUUM	550 SYCAMORE DR	RCRA NonGen / NLR, FINDS, ECHO, EMI	Higher	580, 0.110, SSW
B13	PSI WATER TECHNOLOGI	550 SYCAMORE DRIVE	RCRA NonGen / NLR	Higher	580, 0.110, SSW
B14	RURAL METRO OF CALIF	550 SYCAMORE DR	RCRA NonGen / NLR	Higher	580, 0.110, SSW
B15	EDWARDS HIGH VACUUM	550 SYCAMORE DR	CUPA Listings	Higher	580, 0.110, SSW
B16	RURAL METRO OF NORTH	550 SYCAMORE DR	CUPA Listings	Higher	580, 0.110, SSW
17	MICRON TECHNOLOGY	540 ALDER DR	RCRA NonGen / NLR	Lower	582, 0.110, NNW
C18	DIODES INC	1545 BARBER LN	RCRA NonGen / NLR	Higher	657, 0.124, SE
C19	NETFRAME SYSTEMS INC	1545 BARBER LN	CUPA Listings	Higher	657, 0.124, SE
C20	DIODES INC.	1545 BARBER LN	CERS HAZ WASTE, CERS	Higher	657, 0.124, SE
C21	NETFRAME SYSTEMS INC	1545 BARBER LN	CUPA Listings, HAZNET, CERS, HWTS	Higher	657, 0.124, SE
D22	BLUE SKY RESEARCH	510 ALDER DR	CUPA Listings	Lower	677, 0.128, North
D23	BLUE SKY RESEARCH	510 ALDER DR	RCRA NonGen / NLR	Lower	677, 0.128, North
E24	MICRON TECHNOLOGY -	570 ALDER DR	CUPA Listings, CERS	Lower	682, 0.129, WNW
E25	A D A C LABORATORIES	570 ALDER DR	CUPA Listings	Lower	682, 0.129, WNW
F26	BESTK MANUFACTURING	675 SYCAMORE DR STE	RCRA NonGen / NLR	Higher	752, 0.142, SW
F27	WINTEC INDUSTRIES, I	675 SYCAMORE DR	CUPA Listings, EMI, HAZNET, HWTS	Higher	752, 0.142, SW
F28	BESTEK MANUFACTURING	675 SYCAMORE DR STE	CUPA Listings	Higher	752, 0.142, SW
F29	BESTEK MANUFACTURING	675 SYCAMORE DR STE	CERS HAZ WASTE, CERS	Higher	752, 0.142, SW
30	PHILLIPS NUCLEAR MED	560 ALDER DR	CUPA Listings	Lower	874, 0.166, NNW
G31	VARIAN MEDICAL SYSTE	596 ALDER DR	CUPA Listings, CERS	Lower	888, 0.168, NW
G32	VARIAN MEDICAL SYSTE	596 ALDER DR	RCRA NonGen / NLR, FINDS, ECHO	Lower	888, 0.168, NW
H33	LINEAR TECHNOLOGY CO	1530 BUCKEYE DR	RCRA NonGen / NLR	Higher	956, 0.181, SSW
H34	ANALOG DEVICES INC	1530 BUCKEYE DR	RCRA NonGen / NLR	Higher	956, 0.181, SSW
H35	INTERNATIONAL IMAGIN	1500 BUCKEYE DR	RCRA-SQG, FINDS, ECHO, HAZNET, HWTS	Higher	985, 0.187, SSW
I36	NEWPORT CORPORATION	1565 BARBER LN	CERS HAZ WASTE, CERS, HWTS	Higher	1044, 0.198, SE
I37	NUVOSUN INC	1565 BARBER LN	CHMIRS, CUPA Listings, HAZNET, HWTS	Higher	1044, 0.198, SE
I38	MKS INSTRUMENTS INC.	1565 BARBER	RCRA NonGen / NLR	Higher	1044, 0.198, SE
I39	NUVOSUN INC	1565 BARBER LANE	RCRA-SQG, FINDS, ECHO	Higher	1044, 0.198, SE

MAPPED SITES SUMMARY

Target Property Address:
501SYCAMORE RD
MILPITAS, CA 95035

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
I40	NEWPORT CORPORATION	1565 BARBER LANE	RCRA NonGen / NLR	Higher	1044, 0.198, SE
J41	ANALOG DEVICES INC	1511 BUCKEYE DR	CUPA Listings	Higher	1112, 0.211, SSW
J42	XICOR INC	1511 BUCKEYE DR	CUPA Listings, CIWQS, CERS	Higher	1112, 0.211, SSW
K43	SHIELA NANGPI	1375 STARLITE DR	RCRA NonGen / NLR	Higher	1155, 0.219, ESE
K44	SHIELA NANGPI	1375 STARLITE DR	RCRA NonGen / NLR	Higher	1155, 0.219, ESE
L45	OMNICELL, INC.	725 SYCAMORE DR	CUPA Listings, CERS	Lower	1255, 0.238, SW
L46	AMO MANUFACTURING US	715 SYCAMORE DR	CUPA Listings	Lower	1255, 0.238, SW
L47	IA 112911 CISCO SYST	755 SYCAMORE DR	CUPA Listings	Lower	1255, 0.238, SW
L48	QUANTUM CORP-SYCAMOR	715 SYCAMORE ST 11	CUPA Listings	Lower	1255, 0.238, SW
L49	CISCO SYSTEMS INC SI	755 SYCAMORE DRIVE	CUPA Listings, NPDES, CIWQS, CERS	Lower	1255, 0.238, SW
L50	CISCO SYSTEMS INC -S	755 SYCAMORE DR	CERS HAZ WASTE, CERS TANKS, HAZNET, CERS, HWTS	Lower	1255, 0.238, SW
L51	CISCO SYSTEMS INC -S	755 SYCAMORE DR	AST	Lower	1255, 0.238, SW
L52	OMNICELL	725 SYCAMORE DR	RCRA NonGen / NLR	Lower	1255, 0.238, SW
L53	CISCO	755 SYCAMORE DR	AST	Lower	1255, 0.238, SW
L54	ATARI INC	715 SYCAMORE DR	RCRA-SQG, FINDS, ECHO	Lower	1255, 0.238, SW
L55	AMO SALES AND SERVIC	715 SYCAMORE DR	RCRA NonGen / NLR	Lower	1255, 0.238, SW
L56	CISCO SYSTEMS INC- S	755 SYCAMORE DR	RCRA NonGen / NLR	Lower	1255, 0.238, SW
L57	ATARI GAMES CORP	735 SYCAMORE DR	CUPA Listings	Lower	1259, 0.238, SW
M58	ACUTE TECHNOLOGIES I	1550 BUCKEYE DR	CUPA Listings, HAZNET, HWTS	Higher	1262, 0.239, SSW
M59	NANO METRICS INC	1550 BUCKEYE DR	CERS HAZ WASTE, CUPA Listings, HAZNET, CERS, HWTS	Higher	1262, 0.239, SSW
M60	NANOMETRICS INC	1550 BUCKEYE DR	RCRA NonGen / NLR	Higher	1262, 0.239, SSW
N61	SYCAMORE ONE	782-788 SYCAMORE DRI	CPS-SLIC, CERS	Lower	1487, 0.282, SW
N62	SYCAMORE ONE	782/788 SYCAMORE DRI	CPS-SLIC, CERS	Lower	1487, 0.282, SW
63	XICOR INC	851 BUCKEYE COURT	ENVIROSTOR, HIST UST, EMI, CERS	Higher	1646, 0.312, SSW
64	ANALOG DEVICES, INC	1630 MCCARTHY BLVD	RCRA-SQG, ENVIROSTOR, SWEEPS UST, HIST UST, CA FID...	Higher	1929, 0.365, SSW
O65	X LAM TECHNOLOGIES	1504 MC CARTHY BLVD	RCRA-SQG, ENVIROSTOR	Lower	2162, 0.409, WSW
O66	HARRIS MICROWAVE SEM	1530 MCCARTHY BLVD	SEMS-ARCHIVE, RCRA-LQG, ENVIROSTOR, CPS-SLIC,...	Lower	2162, 0.409, WSW
67	OAK CREEK PUMP STATI	1515 MCCARTHY BLVD	LUST, HIST LUST, Cortese, HIST CORTESE, CERS	Higher	2261, 0.428, SW
68	PINEWOOD WELL	232 GREENTREE WY	LUST, HIST LUST, Cortese, HIST CORTESE, CERS	Higher	2269, 0.430, ESE
69	WORLDCOM	1656 MCCARTHY BLVD	LUST, Cortese, EMI, CERS	Higher	2294, 0.434, SSW
70	L S I LOGIC CORP	1501 MCCARTHY BLVD	SEMS-ARCHIVE, RCRA-SQG, CPS-SLIC, SWEEPS UST, HIST...	Higher	2333, 0.442, WSW
71	MCCARTHY RANCH	MCCARTHY & MAGNOLIA	LUST, CERS	Lower	2447, 0.463, WNW
72	LSI LOGIC CORP.	1601 MC CARTHY BOULE	ENVIROSTOR	Higher	2519, 0.477, SSW
73	MCCARTHY RANCH	MCCARTHY & MAGNOLIA	HIST CORTESE	Lower	2532, 0.480, WNW
74	SILICON MICROSTRUCTU	1701 MC CARTHY BL	ENVIROSTOR, CERS HAZ WASTE, CUPA Listings, CERS	Higher	2893, 0.548, SSW
75	DISC STAMPERS LLC	1003 MONTAGUE CT	ENVIROSTOR	Higher	3314, 0.628, SE
76	MILPITAS SENIOR HOUS	1600 S. MAIN STREET	ENVIROSTOR, CPS-SLIC, HIST UST, CERS	Higher	3324, 0.630, ESE
77	U-TECH MEDIA USA, LL	1103 MONTAGUE CT	ENVIROSTOR	Higher	3350, 0.634, SE
78	SENSYM INC	1804 MCCARTHY	RCRA-SQG, ENVIROSTOR, FINDS, ECHO, EMI, WDS, CERS	Higher	3440, 0.652, South

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
79	BAE SYSTEMS IMAGING	1801 MCCARTHY BLVD	ENVIROSTOR, CHMIRS, CIWQS	Higher	3526, 0.668, South
80	HANDCRAFT TILE	1696 SOUTH MAIN STRE	ENVIROSTOR, VCP, CA BOND EXP. PLAN	Higher	3626, 0.687, ESE
81	FORD MOTOR COMPANY	1100 SOUTH MAIN STRE	ENVIROSTOR, ENF	Higher	3883, 0.735, ENE
82	SHELL SERVICE STATIO	1780 SOUTH MAIN STRE	Notify 65	Higher	3978, 0.753, SE
P83	MEKTEC CORPORATION	1740 MCCANDLESS DR	ENVIROSTOR, CHMIRS, EMI	Higher	4612, 0.873, ESE
P84	MABEL MATTOS ELEMENT	1750 MCCANDLESS DR	ENVIROSTOR, SCH, NPDES, CIWQS	Higher	4612, 0.873, ESE
85	APTOS CORP	1557 CENTRE POINTE D	RCRA-SQG, ENVIROSTOR, ICIS, FINDS, ECHO, CUPA...	Higher	4759, 0.901, East
86	INTEGRATED DEVICE TE	2670 SEELEY AVE	RCRA-SQG, ENVIROSTOR, FINDS, ECHO	Higher	5173, 0.980, SSW
87	MCCANDLESS ADDITIONA	HOURET DRIVE AND HOU	ENVIROSTOR, SCH	Higher	5176, 0.980, ESE
88	IONIZATION RESEARCH	1823 HOURET CT	ICE, HWP, CERS	Higher	5219, 0.988, ESE
89	AMAZON.COM SERVICES	1700 MONTAGUE EXPRES	LUST, CERS HAZ WASTE, SWEEPS UST, CUPA Listings,...	Higher	5278, 1.000, ESE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROLS ---------- Institutional Controls Sites List

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST Underground Storage Tank Listing
UST Active UST Facilities
INDIAN UST Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP Voluntary Cleanup Program Properties
INDIAN VCP Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT Waste Management Unit Database
SWRCY Recycler Database
HAULERS Registered Waste Tire Haulers Listing
INDIAN ODI Report on the Status of Open Dumps on Indian Lands
ODI Open Dump Inventory
DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL Delisted National Clandestine Laboratory Register
HIST Cal-Sites Historical Calsites Database
SCH School Property Evaluation Program
CDL Clandestine Drug Labs
Toxic Pits Toxic Pits Cleanup Act Sites
US CDL National Clandestine Laboratory Register
PFAS PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

SWEEPS UST SWEEPS UST Listing

HIST UST ---- Hazardous Substance Storage Container Database
CA FID UST ---- Facility Inventory Database

Local Land Records

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information
DEED ---- Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
CHMIRS ---- California Hazardous Material Incident Report System
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
FINDS ---- Facility Index System/Facility Registry System
UXO ---- Unexploded Ordnance Sites
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
ECHO ---- Enforcement & Compliance History Information

FUELS PROGRAM - EPA Fuels Program Registered Listing
DRYCLEANERS - Cleaner Facilities
EMI - Emissions Inventory Data
ENF - Enforcement Action Listing
Financial Assurance - Financial Assurance Information Listing
HAZNET - Facility and Manifest Data
ICE - ICE
HWT - Registered Hazardous Waste Transporter Database
MINES - Mines Site Location Listing
MWMP - Medical Waste Management Program Listing
NPDES - NPDES Permits Listing
PEST LIC - Pesticide Regulation Licenses Listing
PROC - Certified Processors Database
HAZMAT - Hazardous Material Facilities
UIC - UIC Listing
UIC GEO - UIC GEO (GEOTRACKER)
WASTEWATER PITS - Oil Wastewater Pits Listing
WDS - Waste Discharge System
WIP - Well Investigation Program Case List
MILITARY PRIV SITES - MILITARY PRIV SITES (GEOTRACKER)
PROJECT - PROJECT (GEOTRACKER)
WDR - Waste Discharge Requirements Listing
CIWQS - California Integrated Water Quality System
CERS - CERS
NON-CASE INFO - NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS - OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS - PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT - SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ - Well Stimulation Project (GEOTRACKER)
HWTS - Hazardous Waste Tracking System
MINES MRDS - Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP - EDR Proprietary Manufactured Gas Plants
EDR Hist Auto - EDR Exclusive Historical Auto Stations
EDR Hist Cleaner - EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF - Recovered Government Archive Solid Waste Facilities List
RGA LUST - Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/29/2021 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
L S I LOGIC CORP Site ID: 0902705 EPA Id: CAT080033160	***1501 MCCARTHY BLVD***	***WSW 1/4 - 1/2 (0.442 mi.)***	***70***	***306***

Lower Elevation	Address	Direction / Distance	Map ID	Page
HARRIS MICROWAVE SEM Site ID: 0902707 EPA Id: CAT080033996	***1530 MCCARTHY BLVD***	***WSW 1/4 - 1/2 (0.409 mi.)***	***O66***	***270***

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/22/2021 has revealed that there are 4 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MAXTOR CORPORATION EPA ID:: CAD983671439	***525 SYCAMORE DR***	***SSE 0 - 1/8 (0.056 mi.)***	***A3***	***13***
INTERNATIONAL IMAGIN EPA ID:: CAD981449630	***1500 BUCKEYE DR***	***SSW 1/8 - 1/4 (0.187 mi.)***	***H35***	***95***
NUVOSUN INC EPA ID:: CAD981978588	***1565 BARBER LANE***	***SE 1/8 - 1/4 (0.198 mi.)***	***I39***	***142***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ATARI INC	***715 SYCAMORE DR***	***SW 1/8 - 1/4 (0.238 mi.)***	***L54***	***193***

EXECUTIVE SUMMARY

EPA ID:: CAD980798326

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 04/23/2021 has revealed that there are 18 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
XICOR INC Facility Id: 71002870 Status: Inactive - Needs Evaluation	***851 BUCKEYE COURT***	***SSW 1/4 - 1/2 (0.312 mi.)***	***63***	***226***
ANALOG DEVICES, INC Facility Id: 71002682 Status: Inactive - Needs Evaluation	***1630 MCCARTHY BLVD***	***SSW 1/4 - 1/2 (0.365 mi.)***	***64***	***231***
LSI LOGIC CORP. Facility Id: 71003548 Status: Inactive - Needs Evaluation	1601 MC CARTHY BOULE	SSW 1/4 - 1/2 (0.477 mi.)	72	320
SILICON MICROSTRUCTU Facility Id: 71003092 Status: Inactive - Needs Evaluation	***1701 MC CARTHY BL***	***SSW 1/2 - 1 (0.548 mi.)***	***74***	***322***
DISC STAMPERS LLC Facility Id: 71004097 Status: Inactive - Needs Evaluation	1003 MONTAGUE CT	SE 1/2 - 1 (0.628 mi.)	75	348
MILPITAS SENIOR HOUS Facility Id: 43730001 Status: Refer: 1248 Local Agency	***1600 S. MAIN STREET***	***ESE 1/2 - 1 (0.630 mi.)***	***76***	***349***
U-TECH MEDIA USA, LL Facility Id: 71004114 Facility Id: 71004121 Status: Inactive - Needs Evaluation	1103 MONTAGUE CT	SE 1/2 - 1 (0.634 mi.)	77	351
SENSYM INC Facility Id: 71003177 Status: Inactive - Needs Evaluation	***1804 MCCARTHY***	***S 1/2 - 1 (0.652 mi.)***	***78***	***353***
BAE SYSTEMS IMAGING Facility Id: 71002678 Status: Inactive - Needs Evaluation	***1801 MCCARTHY BLVD***	***S 1/2 - 1 (0.668 mi.)***	***79***	***363***
HANDCRAFT TILE Facility Id: 43320043	***1696 SOUTH MAIN STRE***	***ESE 1/2 - 1 (0.687 mi.)***	***80***	***366***

Status: Certified

FORD MOTOR COMPANY	***1100 SOUTH MAIN STRE***	***ENE 1/2 - 1 (0.735 mi.)***	***81***	***371***
Facility Id: 43370007				
Status: Refer: RWQCB				
MEKTEC CORPORATION	***1740 MCCANDLESS DR***	***ESE 1/2 - 1 (0.873 mi.)***	***P83***	***376***
Facility Id: 71003057				
Status: Inactive - Needs Evaluation				
MABEL MATTOS ELEMENT	***1750 MCCANDLESS DR***	***ESE 1/2 - 1 (0.873 mi.)***	***P84***	***381***
Facility Id: 60001954				
Status: Active				
APTOS CORP	***1557 CENTRE POINTE D***	***E 1/2 - 1 (0.901 mi.)***	***85***	***396***
Facility Id: 71003565				
Status: Refer: RWQCB				
INTEGRATED DEVICE TE	***2670 SEELEY AVE***	***SSW 1/2 - 1 (0.980 mi.)***	***86***	***457***
Facility Id: 71003106				
Status: Inactive - Needs Evaluation				
MCCANDLESS ADDITIONA	***HOURET DRIVE AND HOU***	***ESE 1/2 - 1 (0.980 mi.)***	***87***	***465***
Facility Id: 60002090				
Status: Inactive - Withdrawn				

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
X LAM TECHNOLOGIES	***1504 MC CARTHY BLVD***	***WSW 1/4 - 1/2 (0.409 mi.)***	***O65***	***262***
Facility Id: 71003062				
Status: Inactive - Needs Evaluation				
HARRIS MICROWAVE SEM	***1530 MCCARTHY BLVD***	***WSW 1/4 - 1/2 (0.409 mi.)***	***O66***	***270***
Facility Id: 71003552				
Status: Inactive - Needs Evaluation				

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
OAK CREEK PUMP STATI	***1515 MCCARTHY BLVD***	***SW 1/4 - 1/2 (0.428 mi.)***	***67***	***290***
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014				
Database: LUST, Date of Government Version: 06/03/2021				
Status: Completed - Case Closed				
Facility Status: Case Closed				
Date Closed: 12/03/1998				
Global Id: T0608501615				
SCVWD ID: 06S1W13Q01F				
date9: 12/3/1998				
PINEWOOD WELL	***232 GREENTREE WY***	***ESE 1/4 - 1/2 (0.430 mi.)***	***68***	***295***
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014				
Database: LUST, Date of Government Version: 06/03/2021				

Status: Completed - Case Closed
Facility Status: Case Closed
Date Closed: 08/04/1999
Global Id: T0608502122
SCVWD ID: 06S1E18L01F
date9: 8/4/1999

WORLDCOM ***1656 MCCARTHY BLVD*** ***SSW 1/4 - 1/2 (0.434 mi.)*** ***69*** ***298***
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014
Database: LUST, Date of Government Version: 06/03/2021
Status: Completed - Case Closed
Date Closed: 06/22/2005
Global Id: T0608596206
SCVWD ID: 06S1W13R04F

Lower Elevation	Address	Direction / Distance	Map ID	Page

MCCARTHY RANCH ***MCCARTHY & MAGNOLIA*** ***WNW 1/4 - 1/2 (0.463 mi.)*** ***71*** ***318***
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014
Database: LUST, Date of Government Version: 06/03/2021
Status: Completed - Case Closed
Date Closed: 06/25/1996
Global Id: T0608501651
SCVWD ID: 06S1W13G01F

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 6 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page

GENERAL ELECTRIC CAL ***475, 501, 525 SYCAMO*** ***N 0 - 1/8 (0.034 mi.)*** ***1*** ***9***
Database: CPS-SLIC, Date of Government Version: 06/03/2021
Facility Status: Completed - Case Closed
Global Id: T0608591745

GENERAL ELECTRIC CAL 501 SYCAMORE DR SSE 0 - 1/8 (0.056 mi.) A6 21
Database: SLIC REG 2, Date of Government Version: 09/30/2004
Facility Id: 43-1915

L S I LOGIC CORP ***1501 MCCARTHY BLVD*** ***WSW 1/4 - 1/2 (0.442 mi.)*** ***70*** ***306***
Database: SLIC REG 2, Date of Government Version: 09/30/2004
Database: CPS-SLIC, Date of Government Version: 06/03/2021
Facility Status: Completed - Case Closed
Facility Id: 43-1947
Global Id: T0608591772

Lower Elevation	Address	Direction / Distance	Map ID	Page

SYCAMORE ONE ***782-788 SYCAMORE DRI*** ***SW 1/4 - 1/2 (0.282 mi.)*** ***N61*** ***224***
Database: CPS-SLIC, Date of Government Version: 06/03/2021
Facility Status: Completed - Case Closed

Global Id: T10000012754

SYCAMORE ONE	***782/788 SYCAMORE DRI***	***SW 1/4 - 1/2 (0.282 mi.)***	***N62***	***225***

Database: CPS-SLIC, Date of Government Version: 06/03/2021
Facility Status: Completed - Case Closed
Global Id: T10000007808

HARRIS MICROWAVE SEM	***1530 MCCARTHY BLVD***	***WSW 1/4 - 1/2 (0.409 mi.)***	***O66***	***270***

Database: SLIC REG 2, Date of Government Version: 09/30/2004
Facility Id: 43-1961
Facility Id: 43S0155

HIST LUST: A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

A review of the HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there are 2 HIST LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OAK CREEK PUMP STATI	***1515 MCCARTHY BLVD***	***SW 1/4 - 1/2 (0.428 mi.)***	***67***	***290***
SCVWD ID: 06S1W13Q01				
PINEWOOD WELL	***232 GREENTREE WY***	***ESE 1/4 - 1/2 (0.430 mi.)***	***68***	***295***
SCVWD ID: 06S1E18L01				

State and tribal registered storage tank lists

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CISCO SYSTEMS INC -S	755 SYCAMORE DR	SW 1/8 - 1/4 (0.238 mi.)	L51	189
Database: AST, Date of Government Version: 07/06/2016				
CISCO	755 SYCAMORE DR	SW 1/8 - 1/4 (0.238 mi.)	L53	192
Database: AST, Date of Government Version: 07/06/2016				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 04/19/2021 has revealed that there

are 7 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SPECTRA LAB	***525 SYCAMORE DR***	***SSE 0 - 1/8 (0.056 mi.)***	***A7***	***21***
INCUBE LABS, LLC	***518 SYCAMORE DR***	***SSW 0 - 1/8 (0.108 mi.)***	***B10***	***32***
DIODES INC.	***1545 BARBER LN***	***SE 0 - 1/8 (0.124 mi.)***	***C20***	***56***
BESTEK MANUFACTURING	***675 SYCAMORE DR STE***	***SW 1/8 - 1/4 (0.142 mi.)***	***F29***	***81***
NEWPORT CORPORATION	***1565 BARBER LN***	***SE 1/8 - 1/4 (0.198 mi.)***	***I36***	***100***
NANO METRICS INC	***1550 BUCKEYE DR***	***SSW 1/8 - 1/4 (0.239 mi.)***	***M59***	***204***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CISCO SYSTEMS INC -S	***755 SYCAMORE DR***	***SW 1/8 - 1/4 (0.238 mi.)***	***L50***	***169***

Local Lists of Registered Storage Tanks

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 04/19/2021 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CISCO SYSTEMS INC -S	***755 SYCAMORE DR***	***SW 1/8 - 1/4 (0.238 mi.)***	***L50***	***169***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/22/2021 has revealed that there are 24 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GTE LENKURT CO INC EPA ID:: CAD980695506	***501 SYCAMORE DR***	***SSE 0 - 1/8 (0.056 mi.)***	***A2***	***10***
CALMA/DIVISION OF PR EPA ID:: CAD981650914	***475 SYCAMORE DR***	***SSE 0 - 1/8 (0.056 mi.)***	***A4***	***15***
SPECTRA LABORATORIES EPA ID:: CAL000323920	525 SYCAMORE DR	SSE 0 - 1/8 (0.056 mi.)	A5	18
INCUBE LABS, LLC EPA ID:: CAL000414222	518 SYCAMORE DR	SSW 0 - 1/8 (0.108 mi.)	B8	27
MODULUS,INC EPA ID:: CAL000438819	518 SYCAMORE DR	SSW 0 - 1/8 (0.108 mi.)	B9	30
SACRAMED	518 SYCAMORE DR-S	SSW 0 - 1/8 (0.108 mi.)	B11	39
EDWARDS HIGH VACUUM	***550 SYCAMORE DR***	***SSW 0 - 1/8 (0.110 mi.)***	***B12***	***41***

EPA ID:: CA0000081166				
PSI WATER TECHNOLOGI EPA ID:: CAC003050351	550 SYCAMORE DRIVE	SSW 0 - 1/8 (0.110 mi.)	B13	45
RURAL METRO OF CALIF EPA ID:: CAL000374622	550 SYCAMORE DR	SSW 0 - 1/8 (0.110 mi.)	B14	47
DIODES INC EPA ID:: CAL000430849	1545 BARBER LN	SE 0 - 1/8 (0.124 mi.)	C18	53
BESTK MANUFACTURING EPA ID:: CAL000433783	675 SYCAMORE DR STE	SW 1/8 - 1/4 (0.142 mi.)	F26	75
LINEAR TECHNOLOGY CO EPA ID:: CAL000379189	1530 BUCKEYE DR	SSW 1/8 - 1/4 (0.181 mi.)	H33	90
ANALOG DEVICES INC EPA ID:: CAL000444661	1530 BUCKEYE DR	SSW 1/8 - 1/4 (0.181 mi.)	H34	93
MKS INSTRUMENTS INC.	1565 BARBER	SE 1/8 - 1/4 (0.198 mi.)	I38	140
NEWPORT CORPORATION	1565 BARBER LANE	SE 1/8 - 1/4 (0.198 mi.)	I40	146
SHIELA NANGPI EPA ID:: CAC003038555	1375 STARLITE DR	ESE 1/8 - 1/4 (0.219 mi.)	K43	152
SHIELA NANGPI EPA ID:: CAC003038544	1375 STARLITE DR	ESE 1/8 - 1/4 (0.219 mi.)	K44	155
NANOMETRICS INC EPA ID:: CAL000305743	1550 BUCKEYE DR	SSW 1/8 - 1/4 (0.239 mi.)	M60	222

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
MICRON TECHNOLOGY EPA ID:: CAC003040519	540 ALDER DR	NNW 0 - 1/8 (0.110 mi.)	17	50
BLUE SKY RESEARCH EPA ID:: CAL000399163	510 ALDER DR	N 1/8 - 1/4 (0.128 mi.)	D23	67
VARIAN MEDICAL SYSTE EPA ID:: CAD981443674	***596 ALDER DR***	***NW 1/8 - 1/4 (0.168 mi.)***	***G32***	***86***
OMNICELL EPA ID:: CAL000448388	725 SYCAMORE DR	SW 1/8 - 1/4 (0.238 mi.)	L52	190
AMO SALES AND SERVIC EPA ID:: CAL000424725	715 SYCAMORE DR	SW 1/8 - 1/4 (0.238 mi.)	L55	196
CISCO SYSTEMS INC- S EPA ID:: CAL000223151	755 SYCAMORE DR	SW 1/8 - 1/4 (0.238 mi.)	L56	198

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

Equal/Higher Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
HANDCRAFT TILE	***1696 SOUTH MAIN STRE***	***ESE 1/2 - 1 (0.687 mi.)***	***80***	***366***

EXECUTIVE SUMMARY

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 03/22/2021 has revealed that there are 3 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OAK CREEK PUMP STATI	***1515 MCCARTHY BLVD***	***SW 1/4 - 1/2 (0.428 mi.)***	***67***	***290***
Cleanup Status: COMPLETED - CASE CLOSED				
PINEWOOD WELL	***232 GREENTREE WY***	***ESE 1/4 - 1/2 (0.430 mi.)***	***68***	***295***
Cleanup Status: COMPLETED - CASE CLOSED				
WORLDCOM	***1656 MCCARTHY BLVD***	***SSW 1/4 - 1/2 (0.434 mi.)***	***69***	***298***
Cleanup Status: COMPLETED - CASE CLOSED				

CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 24 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SPECTRA LAB	***525 SYCAMORE DR***	***SSE 0 - 1/8 (0.056 mi.)***	***A7***	***21***
Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021				
INCUBE LABS, LLC	***518 SYCAMORE DR***	***SSW 0 - 1/8 (0.108 mi.)***	***B10***	***32***
Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021				
EDWARDS HIGH VACUUM	550 SYCAMORE DR	SSW 0 - 1/8 (0.110 mi.)	B15	50
Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021				
RURAL METRO OF NORTH	550 SYCAMORE DR	SSW 0 - 1/8 (0.110 mi.)	B16	50
Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021				
NETFRAME SYSTEMS INC	1545 BARBER LN	SE 0 - 1/8 (0.124 mi.)	C19	55
Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021				
NETFRAME SYSTEMS INC	***1545 BARBER LN***	***SE 0 - 1/8 (0.124 mi.)***	***C21***	***60***
Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021				
WINTEC INDUSTRIES, I	***675 SYCAMORE DR***	***SW 1/8 - 1/4 (0.142 mi.)***	***F27***	***78***
Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021				
BESTEK MANUFACTURING	675 SYCAMORE DR STE	SW 1/8 - 1/4 (0.142 mi.)	F28	80
Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021				
NUVOSUN INC	***1565 BARBER LN***	***SE 1/8 - 1/4 (0.198 mi.)***	***I37***	***103***
Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021				
ANALOG DEVICES INC	1511 BUCKEYE DR	SSW 1/8 - 1/4 (0.211 mi.)	J41	149
Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021				
XICOR INC	***1511 BUCKEYE DR***	***SSW 1/8 - 1/4 (0.211 mi.)***	***J42***	***149***
Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021				
ACUTE TECHNOLOGIES I	***1550 BUCKEYE DR***	***SSW 1/8 - 1/4 (0.239 mi.)***	***M58***	***201***
Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021				
NANO METRICS INC	***1550 BUCKEYE DR***	***SSW 1/8 - 1/4 (0.239 mi.)***	***M59***	***204***
Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021				

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
BLUE SKY RESEARCH Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021	510 ALDER DR	N 1/8 - 1/4 (0.128 mi.)	D22	66
MICRON TECHNOLOGY - Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021	***570 ALDER DR***	***WNW 1/8 - 1/4 (0.129 mi.)***	***E24***	***69***
A D A C LABORATORIES Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021	570 ALDER DR	WNW 1/8 - 1/4 (0.129 mi.)	E25	75
PHILLIPS NUCLEAR MED Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021	560 ALDER DR	NNW 1/8 - 1/4 (0.166 mi.)	30	85
VARIAN MEDICAL SYSTE Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021	***596 ALDER DR***	***NW 1/8 - 1/4 (0.168 mi.)***	***G31***	***85***
OMNICELL, INC. Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021	***725 SYCAMORE DR***	***SW 1/8 - 1/4 (0.238 mi.)***	***L45***	***157***
AMO MANUFACTURING US Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021	715 SYCAMORE DR	SW 1/8 - 1/4 (0.238 mi.)	L46	160
IA 112911 CISCO SYST Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021	755 SYCAMORE DR	SW 1/8 - 1/4 (0.238 mi.)	L47	160
QUANTUM CORP-SYCAMOR Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021	715 SYCAMORE ST 11	SW 1/8 - 1/4 (0.238 mi.)	L48	160
CISCO SYSTEMS INC SI Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021	***755 SYCAMORE DRIVE***	***SW 1/8 - 1/4 (0.238 mi.)***	***L49***	***161***
ATARI GAMES CORP Database: CUPA SANTA CLARA, Date of Government Version: 02/24/2021	735 SYCAMORE DR	SW 1/8 - 1/4 (0.238 mi.)	L57	201

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OAK CREEK PUMP STATI Reg Id: 43-1668	***1515 MCCARTHY BLVD***	***SW 1/4 - 1/2 (0.428 mi.)***	***67***	***290***
PINEWOOD WELL Reg Id: 43-2309	***232 GREENTREE WY***	***ESE 1/4 - 1/2 (0.430 mi.)***	***68***	***295***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MCCARTHY RANCH Reg Id: 43-1710	MCCARTHY & MAGNOLIA	WNW 1/4 - 1/2 (0.480 mi.)	73	321

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 05/14/2021 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
IONIZATION RESEARCH	***1823 HOURET CT***	***ESE 1/2 - 1 (0.988 mi.)***	***88***	***468***
EPA ID: CAL000175030				
Cleanup Status: CLOSED				

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 03/12/2021 has revealed that there are 2 Notify 65 sites within approximately 1 mile of the target property.

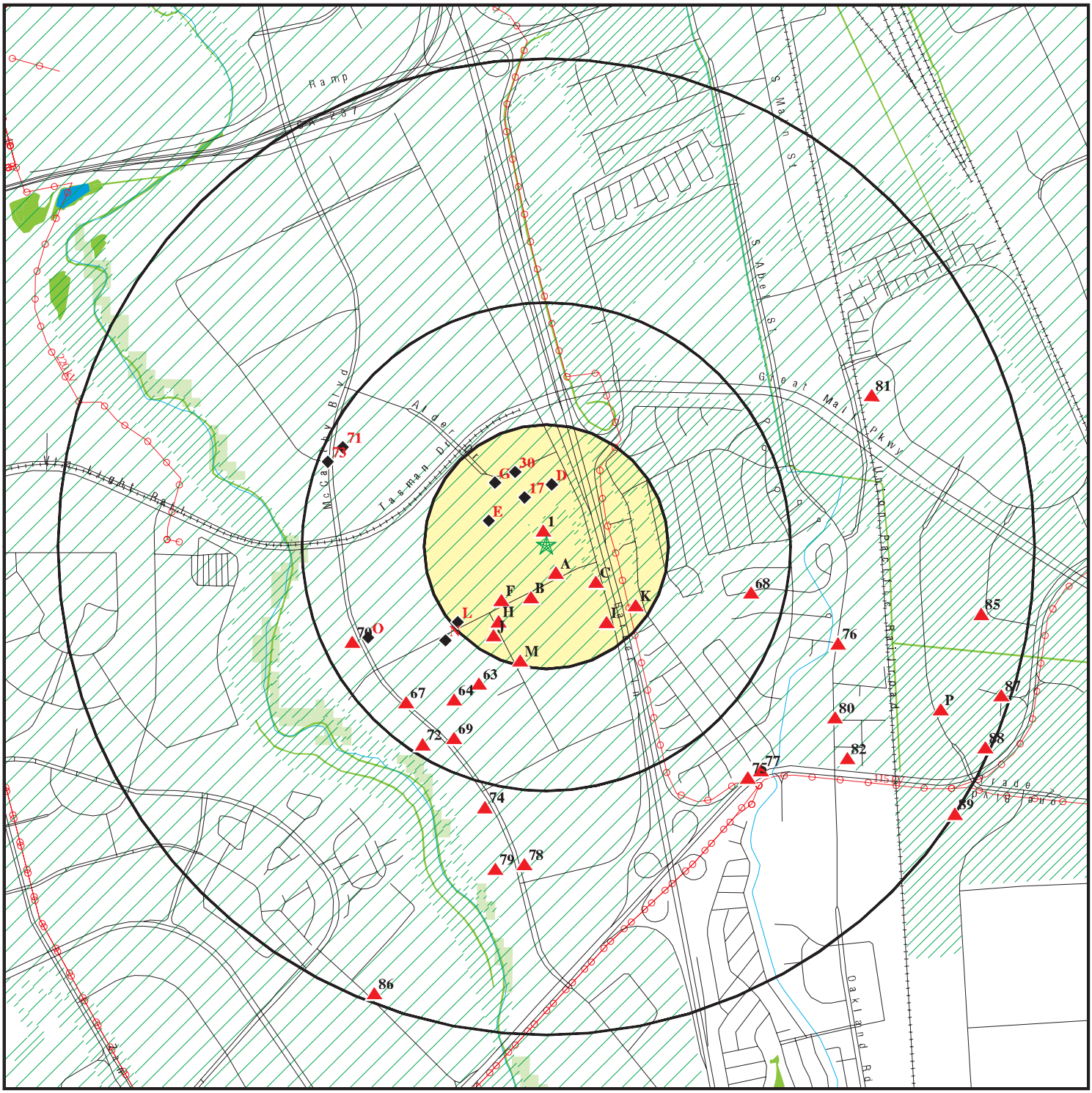
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL SERVICE STATIO	1780 SOUTH MAIN STRE	SE 1/2 - 1 (0.753 mi.)	82	375
AMAZON.COM SERVICES	***1700 MONTAGUE EXPRES***	***ESE 1/2 - 1 (1.000 mi.)***	***89***	***474***

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 7 records.

Site Name	Database(s)
	CDL
	CDL
	CDL
TULARCITOS CREEK IDS	SWF/LF
COCHRANE PLAZA CHEVROLET	LUST
GREAT MALL - MILIPITAS	CPS-SLIC
SAN JOSE CITY DATA CENTER DEVELOPM	CPS-SLIC

OVERVIEW MAP - 6649058.1S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Duke - Sycamore	CLIENT:	APEX Environmental
ADDRESS:	501sycamore Rd Milpitas CA 95035	CONTACT:	Tania Cowden
		INQUIRY #:	6649058.1s
LAT/LONG:	37.411016 / 121.913594	DATE:	September 03, 2021 4:49 pm

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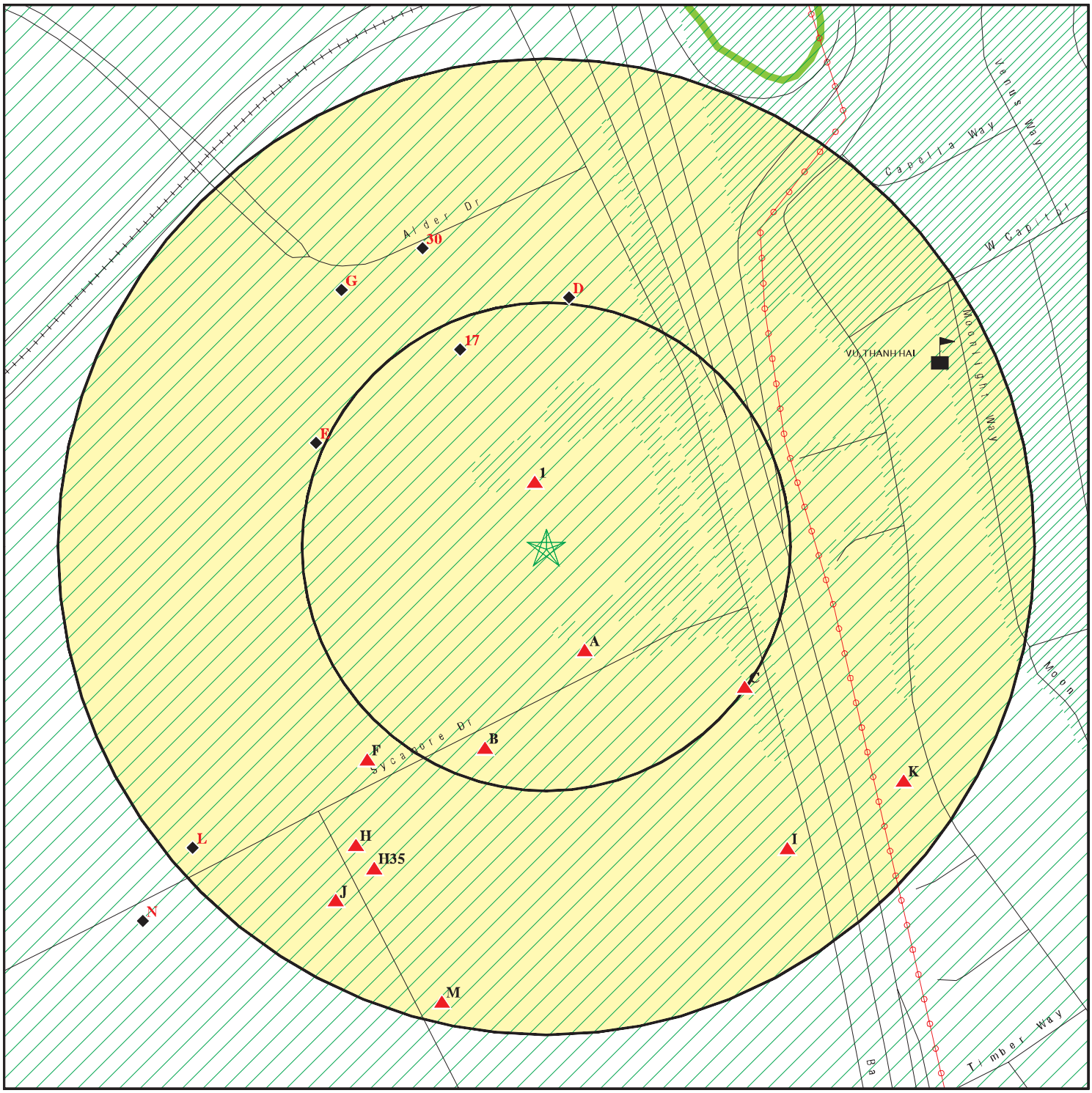
DETAIL MAP - 6649058.1S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Duke - Sycamore	CLIENT:	APEX Environmental
ADDRESS:	501sycamore Rd Milpitas CA 95035	CONTACT:	Tania Cowden
		INQUIRY #:	6649058.1s
LAT/LONG:	37.411016 / 121.913594	DATE:	September 03, 2021 4:49 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	2	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		1	3	NR	NR	NR	4
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	5	13	NR	18
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	4	NR	NR	4

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		2	0	4	NR	NR	6
HIST LUST	0.500		0	0	2	NR	NR	2
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	2	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		3	4	NR	NR	NR	7
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	1	NR	NR	NR	1
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		11	13	NR	NR	NR	24
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	1	NR	1
Cortese	0.500		0	0	3	NR	NR	3
CUPA Listings	0.250		6	18	NR	NR	NR	24

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	3	NR	NR	3
HWP	1.000		0	0	0	1	NR	1
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	2	NR	2
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	23	41	23	17	0	104

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
North
< 1/8
0.034 mi.
179 ft.

GENERAL ELECTRIC CALMA SITE
475, 501, 525 SYCAMORE DR
MILPITAS, CA 95035

CPS-SLIC
CERS

S121475978
N/A

Relative:
Higher

Actual:
30 ft.

CPS-SLIC:

Name:	GENERAL ELECTRIC CALMA SITE
Address:	475, 501, 525 SYCAMORE DR
City,State,Zip:	MILPITAS, CA 95035
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	02/13/2018
Global Id:	T0608591745
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.4115
Longitude:	-121.9137
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	43-1915
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Other Insecticides / Pesticide / Fumigants / Herbicides, Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Thiocyanate contamination may have been contributed by former operations by General Electric Company (through use and storage of spent ink toners) or from agricultural operations prior to development. Thiocyanate investigation was conducted in late 1980s. In 2013, the elevator system in 501 Sycamore released approximately 100 gallons of hydraulic oil beneath the property. Impacted soil was excavated and impacted groundwater was pumped out. Given the low levels of thiocyanate and the adequate remediation of hydraulic oil, the case is considered low threat and was closed in February of 2018.

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	GENERAL ELECTRIC CALMA SITE
Address:	475, 501, 525 SYCAMORE DR
City,State,Zip:	MILPITAS, CA 95035
Site ID:	254879
CERS ID:	T0608591745
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

A2 **GTE LENKURT CO INC** **RCRA NonGen / NLR** **1000122172**
SSE **501 SYCAMORE DR** **FINDS** **CAD980695506**
< 1/8 **MILPITAS, CA 95035** **ECHO**
0.056 mi.
298 ft. **Site 1 of 6 in cluster A**

Relative:
Higher

Actual:
31 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		1982-11-12 00:00:00.0
Handler Name:	GTE LENKURT CO INC	
Handler Address:		501 SYCAMORE DR
Handler City,State,Zip:		MILPITAS, CA 95035
EPA ID:		CAD980695506
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		501 SYCAMORE DR
Contact City,State,Zip:		MILPITAS, CA 95035
Contact Telephone:		415-595-3000
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Other
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		CA
State District:		2
Mailing Address:		1105 COUNTY RD
Mailing City,State,Zip:		SAN CARLOS, CA 94070
Owner Name:		GTE LENKURT CO INC
Owner Type:		Private
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

GTE LENKURT CO INC (Continued) **1000122172**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:22:47.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GTE LENKURT CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GTE LENKURT CO INC (Continued) **1000122172**

Historic Generators:

Receive Date:	1982-11-12 00:00:00.0
Handler Name: GTE LENKURT CO INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID: 110002670814

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000122172
Registry ID:	110002670814
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002670814
Name:	GTE LENKURT CO INC
Address:	501 SYCAMORE DR
City,State,Zip:	MILPITAS, CA 95035

A3 **MAXTOR CORPORATION** **RCRA-SQG** **1000857698**
SSE **525 SYCAMORE DR** **FINDS** **CAD983671439**
< 1/8 **MILPITAS, CA 95035** **ECHO**
0.056 mi.
298 ft. **Site 2 of 6 in cluster A**

Relative: **Higher**
Actual: **31 ft.**

RCRA-SQG:

Date Form Received by Agency:		2001-03-26 00:00:00.0
Handler Name:	MAXTOR CORPORATION	
Handler Address:		525 SYCAMORE DR
Handler City,State,Zip:		MILPITAS, CA 95035-7429
EPA ID:		CAD983671439
Contact Name:		PRENNIE PASCUAL
Contact Address:		500 MCCARTHY BLVD
Contact City,State,Zip:		MILPITAS, CA 95035-7909
Contact Telephone:		408-894-4793
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		500 MCCARTHY BLVD
Mailing City,State,Zip:		MILPITAS, CA 95035-7909
Owner Name:		MAXTOR CORPORATION
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

MAXTOR CORPORATION (Continued) **1000857698**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-07 16:38:34.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MAXTOR CORPORATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	500 MCCARTHY BLVD
Owner/Operator City,State,Zip:	MILPITAS, CA 95035-7909
Owner/Operator Telephone:	408-894-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2001-03-26 00:00:00.0
Handler Name: MAXTOR CORPORATION	
Federal Waste Generator Description:	Small Quantity Generator

MAXTOR CORPORATION (Continued) **1000857698**

State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002410472

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000857698
Registry ID: 110002410472
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002410472
Name: MAXTOR CORPORATION
Address: 525 SYCAMORE DR
City,State,Zip: MILPITAS, CA 95035

A4 **CALMA/DIVISION OF PRIME COMPUTER INC** **RCRA NonGen / NLR** **1000294811**
SSE **475 SYCAMORE DR** **FINDS** **CAD981650914**
< 1/8 **MILPITAS, CA 95035** **ECHO**
0.056 mi.
298 ft. **Site 3 of 6 in cluster A**

Relative: **Higher**
Actual: **31 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 1989-08-02 00:00:00.0
Handler Name: CALMA/DIVISION OF PRIME COMPUTER INC
Handler Address: 475 SYCAMORE DR
Handler City,State,Zip: MILPITAS, CA 95035
EPA ID: CAD981650914
Contact Name: ENVIRONMENTAL MANAGER

CALMA/DIVISION OF PRIME COMPUTER INC (Continued) **1000294811**

Contact Address:	475 SYCAMORE DR
Contact City,State,Zip:	MILIPITAS, CA 95035
Contact Telephone:	408-943-5490
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	CA
State District:	2
Mailing Address:	501 SYCAMORE DR
Mailing City,State,Zip:	MILPITAS, CA 95035
Owner Name:	WILLIAM MOROLLO AND ASSOC
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

CALMA/DIVISION OF PRIME COMPUTER INC (Continued) **1000294811**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:27:58.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WILLIAM MOROLLO AND ASSOC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1989-08-02 00:00:00.0
Handler Name:	CALMA/DIVISION OF PRIME COMPUTER INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

CALMA/DIVISION OF PRIME COMPUTER INC (Continued) **1000294811**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110006473011

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000294811
Registry ID: 110006473011
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110006473011
Name: CALMA/DIVISION OF PRIME COMPUTER INC
Address: 475 SYCAMORE DR
City,State,Zip: MILPITAS, CA 95035

A5 **SPECTRA LABORATORIES INC** **RCRA NonGen / NLR** **1024818043**
SSE **525 SYCAMORE DR** **CAL000323920**
< 1/8 **MILPITAS, CA 95035**
0.056 mi.
298 ft. **Site 4 of 6 in cluster A**

Relative:
Higher

Actual:
31 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 2007-08-20 00:00:00.0
Handler Name: SPECTRA LABORATORIES INC
Handler Address: 525 SYCAMORE DR
Handler City,State,Zip: MILPITAS, CA 95035-7429
EPA ID: CAL000323920
Contact Name: ROBERT VELOIRA
Contact Address: 525 SYCAMORE DR
Contact City,State,Zip: MILPITAS, CA 95035
Contact Telephone: 408-526-3200
Contact Fax: 408-526-3770
Contact Email: ROBERT.VELOIRA@FMC-NA.COM
Contact Title: Not reported

SPECTRA LABORATORIES INC (Continued) **1024818043**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	525 SYCAMORE DR
Mailing City,State,Zip:	MILPITAS, CA 95035-7429
Owner Name:	SRC HOLDING COMPANY
Owner Type:	Other
Operator Name:	ROBERT VELOIRA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

SPECTRA LABORATORIES INC (Continued) **1024818043**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:29:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SRC HOLDING COMPANY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	920 WINTER ST
Owner/Operator City,State,Zip:	WALTHAM, MA 02451-0000
Owner/Operator Telephone:	781-699-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBERT VELOIRA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	525 SYCAMORE DR
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-526-3200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2007-08-20 00:00:00.0
Handler Name:	SPECTRA LABORATORIES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	621512

SPECTRA LABORATORIES INC (Continued) **1024818043**

NAICS Description: DIAGNOSTIC IMAGING CENTERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A6 **GENERAL ELECTRIC CALMA SITE** **CPS-SLIC** **S101542449**
SSE **501 SYCAMORE DR** **N/A**
< 1/8 **MILPITAS, CA 95035**
0.056 mi.
298 ft. **Site 5 of 6 in cluster A**

Relative:
Higher

Actual:
31 ft.

SLIC REG 2:
Region: 2
Facility ID: 43-1915
Facility Status: Preliminary site assessment underway
Date Closed: Not reported
Local Case #: 43-1915
How Discovered: Subsurface Monitoring
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: 12/5/1989
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

A7 **SPECTRA LAB** **CERS HAZ WASTE** **S121747351**
SSE **525 SYCAMORE DR** **CUPA Listings** **N/A**
< 1/8 **MILPITAS, CA 95035** **CERS**
0.056 mi.
298 ft. **Site 6 of 6 in cluster A**

Relative:
Higher

Actual:
31 ft.

CERS HAZ WASTE:
Name: SPECTRA LAB
Address: 525 SYCAMORE DR
City,State,Zip: MILPITAS, CA 95035
Site ID: 155736
CERS ID: 10353688
CERS Description: Hazardous Waste Generator

CUPA SANTA CLARA:
Name: SPECTRA LAB
Address: 525 SYCAMORE DR
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: Not reported
Program Description: HMBP FACILITY, 10-15 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.410071

SPECTRA LAB (Continued) **S121747351**

Longitude: -121.913525
Record ID: PR0387245
Facility ID: FA0260884

CERS:
Name: SPECTRA LAB
Address: 525 SYCAMORE DR
City,State,Zip: MILPITAS, CA 95035
Site ID: 155736
CERS ID: 10353688
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 155736
Site Name: SPECTRA LAB
Violation Date: 01-23-2017
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 155736
Site Name: SPECTRA LAB
Violation Date: 01-23-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 155736
Site Name: SPECTRA LAB
Violation Date: 09-08-2016
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 155736
Site Name: SPECTRA LAB
Violation Date: 05-05-2014
Citation: 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4,

SPECTRA LAB (Continued) **S121747351**

Section(s) 2729.5
Violation Description: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes: Returned to compliance on 05/14/2014.
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 155736
Site Name: SPECTRA LAB
Violation Date: 10-25-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 155736
Site Name: SPECTRA LAB
Violation Date: 09-08-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 155736
Site Name: SPECTRA LAB
Violation Date: 09-08-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 155736
Site Name: SPECTRA LAB
Violation Date: 09-08-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the

SPECTRA LAB (Continued) **S121747351**

business plan is complete and accurate on or before the annual due date.
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 06-01-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual Facility Review --
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual Facility Review --
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-12-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspection is a follow up to the routine inspection dated 10/25/2017. All violations observed during that inspection were not corrected.
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-23-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspection is a follow up to the routine inspection dated 09/08/2016. All violations observed during that inspection were not corrected.
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-05-2014

SPECTRA LAB (Continued) **S121747351**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual Facility Review --
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 155736
Site Name: SPECTRA LAB
Site Address: 525 SYCAMORE DR
Site City: MILPITAS
Site Zip: 95035
Enf Action Date: 05-05-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Milpitas City Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 155736
Site Name: SPECTRA LAB
Site Address: 525 SYCAMORE DR
Site City: MILPITAS
Site Zip: 95035
Enf Action Date: 09-08-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Milpitas City Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 155736
Site Name: SPECTRA LAB
Site Address: 525 SYCAMORE DR
Site City: MILPITAS
Site Zip: 95035
Enf Action Date: 10-25-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Milpitas City Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:
Site ID: 155736
Facility Name: SPECTRA LAB
Env Int Type Code: HMBP
Program ID: 10353688
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.411010
Longitude: -121.913600

SPECTRA LAB (Continued) **S121747351**

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	SRC HOLDING COMPANY INC
Entity Title:	Not reported
Affiliation Address:	920 WINTER ST
Affiliation City:	WALTHAM
Affiliation State:	MA
Affiliation Country:	United States
Affiliation Zip:	02451
Affiliation Phone:	(781) 699-9000

Affiliation Type Desc:	Document Preparer
Entity Name:	Caryn Mack
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	525 SYCAMORE DR
Affiliation City:	MILPITAS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95035
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Environmental Contact
Entity Name:	Maria Christina Almaguer
Entity Title:	Not reported
Affiliation Address:	525 Sycamore Dr
Affiliation City:	Milpitas
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95035
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Caryn Mack
Entity Title:	Director QS/RA
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

SPECTRA LAB (Continued) **S121747351**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Istar Real Estate Services
Entity Title:	Not reported
Affiliation Address:	525 Sycamore Dr
Affiliation City:	Milpitas
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95035
Affiliation Phone:	(408) 526-3500
Affiliation Type Desc:	Operator
Entity Name:	CURTIS JOHNSON
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 526-3200
Affiliation Type Desc:	Parent Corporation
Entity Name:	SPECTRA LAB
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

B8 **INCUBE LABS, LLC** **RCRA NonGen / NLR** **1024853916**
SSW **518 SYCAMORE DR** **CAL000414222**
< 1/8 **MILPITAS, CA 95035**
0.108 mi.
568 ft. **Site 1 of 9 in cluster B**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:		2016-02-10 00:00:00.0
Handler Name:	INCUBE LABS, LLC	
Handler Address:		518 SYCAMORE DR
Handler City,State,Zip:		MILPITAS, CA 95035
EPA ID:		CAL000414222
Contact Name:		SYED ZAIDI
Contact Address:		2051 RINGWOOD AVE
Contact City,State,Zip:		SAN JOSE, CA 95131
Contact Telephone:		408-457-3712
Contact Fax:		408-433-5440
Contact Email:		SYED@INCUBELABS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported

Actual:
31 ft.

INCUBE LABS, LLC (Continued) **1024853916**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	518 SYCAMORE DR
Mailing City,State,Zip:	MILPITAS, CA 95035
Owner Name:	MIR IMRAN
Owner Type:	Other
Operator Name:	SYED ZAIDI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

INCUBE LABS, LLC (Continued) **1024853916**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-10-01 18:39:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MIR IMRAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2051 RINGWOOD AVE
Owner/Operator City,State,Zip:	SAN JOSE, CA 95131
Owner/Operator Telephone:	408-457-3712
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SYED ZAIDI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2051 RINGWOOD AVE
Owner/Operator City,State,Zip:	SAN JOSE, CA 95131
Owner/Operator Telephone:	408-457-3712
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-02-10 00:00:00.0
Handler Name: INCUBE LABS, LLC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	334517
NAICS Description:	IRRADIATION APPARATUS MANUFACTURING

NAICS Code:	541715
NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE

INCUBE LABS, LLC (Continued) **1024853916**

SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B9 **MODULUS,INC** **RCRA NonGen / NLR** **1024870192**
SSW **518 SYCAMORE DR** **CAL000438819**
< 1/8 **MILPITAS, CA 95035**
0.108 mi.
568 ft. **Site 2 of 9 in cluster B**

Relative: **Higher**

Actual: **31 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2018-09-04 00:00:00.0
Handler Name:	MODULUS,INC	
Handler Address:		518 SYCAMORE DR
Handler City,State,Zip:		MILPITAS, CA 95035
EPA ID:		CAL000438819
Contact Name:		SYED ZAIDI
Contact Address:		2051 RINGWOOD AVE
Contact City,State,Zip:		SAN JOSE, CA 95131
Contact Telephone:		408-457-3712
Contact Fax:		408-433-5440
Contact Email:		SYED@INCUBELABS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		518 SYCAMORE DR
Mailing City,State,Zip:		MILPITAS, CA 95035
Owner Name:		MIR IMRAN
Owner Type:		Other
Operator Name:		SYED ZAIDI
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported

MODULUS,INC (Continued) **1024870192**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:38:57.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SYED ZAIDI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2051 RINGWOOD AVE
Owner/Operator City,State,Zip:	SAN JOSE, CA 95131
Owner/Operator Telephone:	408-457-3712
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

MODULUS,INC (Continued) **1024870192**

Owner/Operator Name:	MIR IMRAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2051 RINGWOOD AVE
Owner/Operator City,State,Zip:	SAN JOSE, CA 95131
Owner/Operator Telephone:	408-457-3712
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-09-04 00:00:00.0
Handler Name: MODULUS,INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	339113
NAICS Description:	SURGICAL APPLIANCE AND SUPPLIES MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

B10 **INCUBE LABS, LLC** **CERS HAZ WASTE** **S123102683**
SSW **518 SYCAMORE DR** **CUPA Listings** **N/A**
< 1/8 **MILPITAS, CA 95035** **HAZNET**
0.108 mi. **CERS**
568 ft. **Site 3 of 9 in cluster B** **HWTS**

Relative: Higher
Actual: 31 ft.

CERS HAZ WASTE:

Name:	INCUBE LABS, LLC
Address:	518 SYCAMORE DR
City,State,Zip:	MILPITAS, CA 95035
Site ID:	444252
CERS ID:	10774291
CERS Description:	Hazardous Waste Generator

CUPA SANTA CLARA:

Name:	INCUBE LABS, LLC
Address:	518 SYCAMORE DR
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA

INCUBE LABS, LLC (Continued) **S123102683**

PE#: 2202
Program Description: GENERATES < 100 KG/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.4097791
Longitude: -121.9129226
Record ID: PR0433086
Facility ID: FA0288763

Name: INCUBE LABS, LLC
Address: 518 SYCAMORE DR
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: Not reported
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.4097791
Longitude: -121.9129226
Record ID: PR0433087
Facility ID: FA0288763

Name: MODULUS
Address: 518 SYCAMORE DR
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: 2240
Program Description: GENERATES < 10 GAL/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.4097791
Longitude: -121.9129226
Record ID: PR0433081
Facility ID: FA0288809

HAZNET:
Name: MODULUSINC
Address: 518 SYCAMORE DR
Address 2: Not reported
City,State,Zip: MILPITAS, CA 95035
Contact: JOHN FRABONI
Telephone: 4083729403
Mailing Name: Not reported
Mailing Address: 518 SYCAMORE DR

Year: 2019
Gepaid: CAL000438819
TSD EPA ID: NVD980895338
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.01100

Year: 2019
Gepaid: CAL000414222
TSD EPA ID: NVD980895338
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.06450

INCUBE LABS, LLC (Continued) **S123102683**

Year: 2019
Gepaid: CAL000414222
TSD EPA ID: NVD980895338
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.03400

CERS:
Name: INCUBE LABS, LLC
Address: 518 SYCAMORE DR
City,State,Zip: MILPITAS, CA 95035
Site ID: 444252
CERS ID: 10774291
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 444252
Site Name: InCube Labs, LLC
Violation Date: 05-22-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 06/19/2019. Facility has been operating under this legal entity since at least 2017 with reportable amounts of hazardous materials but has not yet submitted a hazardous materials business plan.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 444252
Site Name: InCube Labs, LLC
Violation Date: 05-22-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 06/19/2019. The following containers of hazardous waste were unmarked or insufficiently marked: 2x5gal containers of waste isopropyl alcohol - no marking except contents. approximately 15 containers of expired epoxy resin - no marking except contents. 2x1 gal heptane - no marking except contents.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 444252
Site Name: InCube Labs, LLC
Violation Date: 05-22-2019
Citation: HSC 6.5 25189.5(a),25201(a) - California Health and Safety Code,

INCUBE LABS, LLC (Continued) **S123102683**

Chapter 6.5, Section(s) 25189.5(a),25201(a)
Violation Description: Failure to dispose of hazardous waste at a facility which has a permit from DTSC or disposing of hazardous waste at any point which is not authorized according to HSC 6.5.
Violation Notes: Returned to compliance on 06/19/2019. Facility uses a cobalt chromium wire in medical devices and small amounts wire ends are disposed of in the trash. Composition of these wires (MP35N) may range from 19-21% chromium and 30-39% cobalt. 2,500mg/kg or approximately .25% Chromium meets hazardous waste criteria. 8,000 mg/kg or approximately .8% Cobalt meets hazardous waste criteria, This waste wire must be managed as hazardous waste or a scrap metal.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 444252
Site Name: InCube Labs, LLC
Violation Date: 05-22-2019
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes: Returned to compliance on 06/19/2019. Facility operator does not own property and failed to notify property owner in writing that it is subject to and in compliance with the hazardous materials business plan.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-22-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Observed the following reportable hazardous materials on-site including: Helium Argon (5x211 cubic feet) Argon Oxygen (2x305 cubic feet) *note has sufficient % of oxygen to be a DOT regulated oxidizer; therefore, the 200 cubic feet threshold applies. Emergency response training is performed and documented annually.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-22-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: State ID # CAL000414222 is active. Facility performs research and development of medical devices. Production is anticipated to be performed in the near future. Waste streams that are managed as hazardous waste include: IPA/solder paste/flux contaminated wipes and debris (part/stencil/surface cleaning) Isopropyl alcohol liquid waste (parts cleaning in glass beakers) Miscellaneous expired chemicals (eg 2 part epoxy, heptane, acetone) Facility has been operating under this legal entity since at least 2017 and has had 1 disposal of its

INCUBE LABS, LLC (Continued) **S123102683**

hazardous waste (12-10-2018). Reviewed uniform hazardous waste manifest dated 12-10-2018. Facility sends in generator copy of the uniform hazardous waste manifest to DTSC. MINOR VIOLATIONS CORRECTED AT TIME OF INSPECTION; Observed 1x55 gal drum of ipa and solder paste/flux contaminated debris - no accumulation start date, contents, physical state, or statement of hazard. MARKED. WARNING: Waste from sister company (Modulus) [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 444252
Facility Name: InCube Labs, LLC
Env Int Type Code: HMBP
Program ID: 10774291
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.409910
Longitude: -121.913440

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Syed Zaidi
Entity Title: Not reported
Affiliation Address: 2051 Ringwood Ave
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95131
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: InCube Labs, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400

Affiliation Type Desc: Document Preparer
Entity Name: John Fraboni
Entity Title: Not reported
Affiliation Address: Not reported

INCUBE LABS, LLC (Continued) **S123102683**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Syed Zaidi
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 457-3712

Affiliation Type Desc:	Identification Signer
Entity Name:	John Fraboni
Entity Title:	Sr Dir, Mfg and Supply Chain
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Mir Imran
Entity Title:	Not reported
Affiliation Address:	2051 Ringwood Ave
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95131
Affiliation Phone:	(408) 457-3712

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2051 Ringwood Ave
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95131
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	Diodes, Inc
Entity Title:	Not reported
Affiliation Address:	1545 Barber Lane
Affiliation City:	Milpitas
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95035
Affiliation Phone:	(408) 232-9100

INCUBE LABS, LLC (Continued) **S123102683**

HWTS:

Name:	INCUBE LABS, LLC
Address:	518 SYCAMORE DR
Address 2:	Not reported
City,State,Zip:	MILPITAS, CA 95035
EPA ID:	CAL000414222
Inactive Date:	Not reported
Create Date:	02/10/2016
Last Act Date:	07/27/2020
Mailing Name:	Not reported
Mailing Address:	518 SYCAMORE DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MILPITAS, CA 95035
Owner Name:	MIR IMRAN
Owner Address:	2051 RINGWOOD AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN JOSE, CA 95131
Contact Name:	JOHN FRABONI
Contact Address:	518 SYCAMORE DRIVE
Contact Address 2:	Not reported
City,State,Zip:	MILPITAS, CA 95035

NAICS:

EPA ID:	CAL000414222
Create Date:	2016-02-10 11:11:55.827
NAICS Code:	334517
NAICS Description:	Irradiation Apparatus Manufacturing
Issued EPA ID Date:	2016-02-10 11:11:55.81700
Inactive Date:	Not reported
Facility Name:	INCUBE LABS, LLC
Facility Address:	518 SYCAMORE DR
Facility Address 2:	Not reported
Facility City:	MILPITAS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	95035

EPA ID:	CAL000414222
Create Date:	2018-09-12 10:23:41.033
NAICS Code:	541715
NAICS Description:	Research and development in the physical, engineering, and life sciences (except nanotechnology and biotechnology)
Issued EPA ID Date:	2016-02-10 11:11:55.81700
Inactive Date:	Not reported
Facility Name:	INCUBE LABS, LLC
Facility Address:	518 SYCAMORE DR
Facility Address 2:	Not reported
Facility City:	MILPITAS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	95035

B11
SSW
< 1/8
0.108 mi.
568 ft.

SACRAMED
518 SYCAMORE DR-S
MILPITAS, CA 95035

Site 4 of 9 in cluster B

RCRA NonGen / NLR **1026170835**
CAL000454403

Relative:
Higher

Actual:
31 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2020-04-30 00:00:00.0
Handler Name:	SACRAMED	
Handler Address:		518 SYCAMORE DR-S
Handler City,State,Zip:		MILPITAS, CA 95035
EPA ID:		CAL000454403
Contact Name:		JOHN FRABONI
Contact Address:		518 SYCAMORE DRIVE
Contact City,State,Zip:		MILPITAS, CA 95035
Contact Telephone:		408-372-9403
Contact Fax:		Not reported
Contact Email:		JOHN.FRABONI@INCUBELABS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		518 SYCAMORE DR
Mailing City,State,Zip:		MILPITAS, CA 95035
Owner Name:		MIR IMRAN
Owner Type:		Other
Operator Name:		JOHN FRABONI
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

SACRAMED (Continued) **1026170835**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-05-15 19:44:04.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MIR IMRAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2051 RINGWOOD AVE
Owner/Operator City,State,Zip:	SAN JOSE, CA 95131
Owner/Operator Telephone:	408-457-3712
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN FRABONI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	518 SYCAMORE DRIVE
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-372-9403
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SACRAMED (Continued) **1026170835**

Historic Generators:
Receive Date: 2020-04-30 00:00:00.0
Handler Name: SACRAMED
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B12 **EDWARDS HIGH VACUUM** **RCRA NonGen / NLR** **1000886126**
SSW **550 SYCAMORE DR** **FINDS** **CA0000081166**
< 1/8 **MILPITAS, CA 95035** **ECHO**
0.110 mi. **EMI**
580 ft. **Site 5 of 9 in cluster B**

Relative: **Higher**
Actual: **31 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 1999-03-11 00:00:00.0
Handler Name: EDWARDS HIGH VACUUM
Handler Address: 550 SYCAMORE DR
Handler City,State,Zip: MILPITAS, CA 95035
EPA ID: CA0000081166
Contact Name: GREG MAC LEAN
Contact Address: 1 EDWARDS PK
Contact City,State,Zip: WILMINGTON, MA 01887-1075
Contact Telephone: 978-658-5410
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 550 SYCAMORE DR
Mailing City,State,Zip: MILPITAS, CA 95035

EDWARDS HIGH VACUUM (Continued) **1000886126**

Owner Name:	EDWARDS HIGH VACUUM INTERNATIONAL
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:21:47.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported

EDWARDS HIGH VACUUM (Continued) **1000886126**

Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: EDWARDS HIGH VACUUM INTERNATIONAL
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 301 BALLARDVALE ST
Owner/Operator City,State,Zip: WILMINGTON, MA 01887
Owner/Operator Telephone: 508-658-5410
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1999-03-11 00:00:00.0
Handler Name: EDWARDS HIGH VACUUM
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002411319

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

EDWARDS HIGH VACUUM (Continued) **1000886126**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000886126
Registry ID:	110002411319
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002411319
Name:	EDWARDS HIGH VACUUM
Address:	550 SYCAMORE DR
City,State,Zip:	MILPITAS, CA 95035

EMI:

Name:	EDWARD HIGH VACUUM INTERNATION
Address:	550 SYCAMORE DRIVE
City,State,Zip:	MILPITAS, CA 950350000
Year:	1996
County Code:	43
Air Basin:	SF
Facility ID:	9273
Air District Name:	BA
SIC Code:	3563
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	EDWARD HIGH VACUUM INTERNATION
Address:	550 SYCAMORE DRIVE
City,State,Zip:	MILPITAS, CA 950350000
Year:	1997
County Code:	43
Air Basin:	SF
Facility ID:	9273
Air District Name:	BA
SIC Code:	3563
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

B13 **PSI WATER TECHNOLOGIES** **RCRA NonGen / NLR** **1026044077**
SSW **550 SYCAMORE DRIVE** **CAC003050351**
< 1/8 **MILPITAS, CA 95035**
0.110 mi.
580 ft. **Site 6 of 9 in cluster B**

Relative: **Higher**

Actual: **31 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2020-01-09 00:00:00.0
Handler Name:	PSI WATER TECHNOLOGIES
Handler Address:	550 SYCAMORE DRIVE
Handler City,State,Zip:	MILPITAS, CA 95035
EPA ID:	CAC003050351
Contact Name:	GARY TURNER
Contact Address:	550 SYCAMORE DRIVE
Contact City,State,Zip:	MILPITAS, CA 95035
Contact Telephone:	408-370-6540
Contact Fax:	Not reported
Contact Email:	GTURNER@UGSICORP.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	550 SYCAMORE DRIVE
Mailing City,State,Zip:	MILPITAS, CA 95035
Owner Name:	PSI WATER TECHNOLOGIES INC.
Owner Type:	Other
Operator Name:	GARY TURNER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

PSI WATER TECHNOLOGIES (Continued) **1026044077**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-02-10 17:52:22.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSI WATER TECHNOLOGIES INC.
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	550 SYCAMORE DRIVE
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-370-6540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GARY TURNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	550 SYCAMORE DRIVE
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-370-6540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PSI WATER TECHNOLOGIES (Continued) **1026044077**

Historic Generators:
Receive Date: 2020-01-09 00:00:00.0
Handler Name: PSI WATER TECHNOLOGIES
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 425110
NAICS Description: BUSINESS TO BUSINESS ELECTRONIC MARKETS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B14 **RURAL METRO OF CALIFORNIA INC** **RCRA NonGen / NLR** **1024834308**
SSW **550 SYCAMORE DR** **CAL000374622**
< 1/8 **MILPITAS, CA 95035**
0.110 mi.
580 ft. **Site 7 of 9 in cluster B**

Relative: **Higher**
Actual: **31 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2012-05-17 00:00:00.0
Handler Name: RURAL METRO OF CALIFORNIA INC
Handler Address: 550 SYCAMORE DR
Handler City,State,Zip: MILPITAS, CA 95035
EPA ID: CAL000374622
Contact Name: RANDY HARRELL
Contact Address: 1345 VANDER WAY
Contact City,State,Zip: SAN JOSE, CA 95112
Contact Telephone: 415-656-6105
Contact Fax: 800-310-4693
Contact Email: RANDY.HARRELL@AMR.NET
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 1345 VANDER WAY
Mailing City,State,Zip: SAN JOSE, CA 95112-2808
Owner Name: RURAL/METRO CORP

RURAL METRO OF CALIFORNIA INC (Continued) **1024834308**

Owner Type:	Other
Operator Name:	RANDY HARRELL
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:00:50.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

RURAL METRO OF CALIFORNIA INC (Continued) **1024834308**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: RANDY HARRELL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1345 VANDER WAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95112
Owner/Operator Telephone: 415-656-6105
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RURAL/METRO CORP
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6363 S. FIDDLERS GREEN CIRCLE #140
Owner/Operator City,State,Zip: GREENWOOD VILLAGE, CO 80111-0000
Owner/Operator Telephone: 303-495-1222
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2012-05-17 00:00:00.0
Handler Name: RURAL METRO OF CALIFORNIA INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B15 **EDWARDS HIGH VACUUM INTL** **CUPA Listings** **S121468788**
SSW **550 SYCAMORE DR** **N/A**
< 1/8 **MILPITAS, CA 95035**
0.110 mi.
580 ft. **Site 8 of 9 in cluster B**

Relative: CUPA SANTA CLARA:
Higher

Name:	EDWARDS HIGH VACUUM INTL
Address:	550 SYCAMORE DR
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.409721
Longitude:	-121.913644
Record ID:	PR0315845
Facility ID:	FA0202778

Actual:
31 ft.

B16 **RURAL METRO OF NORTHERN CA** **CUPA Listings** **S121474508**
SSW **550 SYCAMORE DR** **N/A**
< 1/8 **MILPITAS, CA 95035**
0.110 mi.
580 ft. **Site 9 of 9 in cluster B**

Relative: CUPA SANTA CLARA:
Higher

Name:	RURAL METRO OF NORTHERN CA
Address:	550 SYCAMORE DR
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	2202
Program Description:	GENERATES < 100 KG/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.409845
Longitude:	-121.91371
Record ID:	PR0420545
Facility ID:	FA0269310

Actual:
31 ft.

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17 **MICRON TECHNOLOGY** **RCRA NonGen / NLR** **1025859923**
NNW **540 ALDER DR** **CAC003040519**
< 1/8 **MILPITAS, CA 95035**
0.110 mi.
582 ft.

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:		2019-10-25 00:00:00.0
Handler Name:	MICRON TECHNOLOGY	
Handler Address:		540 ALDER DR
Handler City,State,Zip:		MILPITAS, CA 95035-7443
EPA ID:		CAC003040519
Contact Name:		WAYNE BARRS
Contact Address:		110 HOLGER WAY
Contact City,State,Zip:		SAN JOSE, CA 95134-1376
Contact Telephone:		510-396-1613
Contact Fax:		Not reported
Contact Email:		TLUKE@MICRON.COM
Contact Title:		Not reported
EPA Region:		09

Actual:
29 ft.

MICRON TECHNOLOGY (Continued) **1025859923**

Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	110 HOLGER WAY
Mailing City,State,Zip:	SAN JOSE, CA 95134-1376
Owner Name:	MICRON TECHNOLOGY
Owner Type:	Other
Operator Name:	WAYNE BARRS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

MICRON TECHNOLOGY (Continued) **1025859923**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-11-08 14:09:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WAYNE BARRS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 HOLGER WAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95134-1376
Owner/Operator Telephone:	510-396-1613
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MICRON TECHNOLOGY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 HOLGER WAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95134-1376
Owner/Operator Telephone:	510-396-1613
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-10-25 00:00:00.0
Handler Name: MICRON TECHNOLOGY	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	541940
NAICS Description:	VETERINARY SERVICES

MICRON TECHNOLOGY (Continued) **1025859923**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C18 **DIODES INC** **RCRA NonGen / NLR** **1024862335**
SE **1545 BARBER LN** **CAL000430849**
< 1/8 **MILPITAS, CA 95035**
0.124 mi.
657 ft. **Site 1 of 4 in cluster C**

Relative: **Higher**
Actual: **32 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2017-09-19 00:00:00.0
Handler Name: DIODES INC	
Handler Address:	1545 BARBER LN
Handler City,State,Zip:	MILPITAS, CA 95035
EPA ID:	CAL000430849
Contact Name:	JEFF LINDLY
Contact Address:	1545 BARBER LN
Contact City,State,Zip:	MILPITAS, CA 95035
Contact Telephone:	408-232-9360
Contact Fax:	408-434-1040
Contact Email:	JEFF_LINDLY@DIODES.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1545 BARBER LN
Mailing City,State,Zip:	MILPITAS, CA 95035
Owner Name:	DIODES INC
Owner Type:	Other
Operator Name:	JEFF LINDLY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

DIODES INC (Continued) **1024862335**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:36:39.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFF LINDLY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1545 BARBER LN
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-232-9360
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DIODES INC
Legal Status:	Other

DIODES INC (Continued) **1024862335**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4949 HEDGCOXE
Owner/Operator City,State,Zip:	PLANO, TX 75024
Owner/Operator Telephone:	972-987-3900
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2017-09-19 00:00:00.0
Handler Name: DIODES INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	334413
NAICS Description:	SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

C19 **NETFRAME SYSTEMS INC** **CUPA Listings** **S121468715**
SE **1545 BARBER LN** **N/A**
< 1/8 **MILPITAS, CA 95035**
0.124 mi.
657 ft. **Site 2 of 4 in cluster C**

Relative:
Higher

Actual:
32 ft.

CUPA SANTA CLARA:

Name:	NETFRAME SYSTEMS INC
Address:	1545 BARBER LN
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	2202
Program Description:	GENERATES < 100 KG/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.407695
Longitude:	-121.910958
Record ID:	PR0314866
Facility ID:	FA0202476

C20 **DIODES INC.** **CERS HAZ WASTE** **S121788105**
SE **1545 BARBER LN** **CERS** **N/A**
< 1/8 **MILPITAS, CA 95035**
0.124 mi.
657 ft. **Site 3 of 4 in cluster C**

Relative:
Higher

Actual:
32 ft.

CERS HAZ WASTE:
Name: DIODES INC.
Address: 1545 BARBER LN
City,State,Zip: MILPITAS, CA 95035
Site ID: 56315
CERS ID: 10090945
CERS Description: Hazardous Waste Generator

CERS:
Name: DIODES INC.
Address: 1545 BARBER LN
City,State,Zip: MILPITAS, CA 95035
Site ID: 56315
CERS ID: 10090945
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 56315
Site Name: Diodes Inc.
Violation Date: 07-12-2017
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 56315
Site Name: Diodes Inc.
Violation Date: 07-12-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 56315
Site Name: Diodes Inc.
Violation Date: 06-18-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

DIODES INC. (Continued) **S121788105**

Violation Notes: Returned to compliance on 07/22/2015. Observed insufficient labeling of hazardous waste including: Waste with no hazardous waste markings Waste with markings lacking accumulation start dates Waste with markings lacking hazard properties Waste with inaccurate accumulation start dates Examples include Solder waste, mixed organic solvents in wet lab, hydrofluoric acid in wet lab, Hydrogen Peroxide 30% in wet lab, pump oil in wet lab.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 56315
Site Name: Diodes Inc.
Violation Date: 06-18-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 07/22/2015. Facility accumulated various containers of hazardous waste beyond the 1 year time limit. Examples include: Aluminum Etch and hydrogen peroxide. Make immediate arrangements for disposal for all containers beyond 1 year or begin managing hazardous waste under the very small quantity generator rules.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-18-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility performs failure analysis and R&D relating to semiconductor components. Facility currently regulated under satellite accumulation rules however may transition to managing as a very small quantity generator allowing for accumulation of hazardous waste for an indefinite period until reaching 100kg (approximately 27 gallons) of waste at which point 180 days additional time is allowed prior to disposal. Facility generates less than 10 gallons per year and disposes of waste at the county sponsored hazardous waste disposal program for small businesses. If transitioning to very small quantity generator accumulation, ensure weekly inspections are performed, emergency procedures/ information is posted, emergency response equipment is maintained, and employees are adequately trained. Additional container management standards that also would apply include :containers are handled to avoid ruptures/leaks, and incompatibles materials are separated. Note: observed 1x1l [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-12-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Milpitas City Fire Department

DIODES INC. (Continued) **S121788105**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-09-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspection is a follow up to the routine inspection dated 07/12/2017. All violations observed during that inspection were not corrected.
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 56315
Site Name: Diodes Inc.
Site Address: 1545 BARBER LN
Site City: MILPITAS
Site Zip: 95035
Enf Action Date: 06-18-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS

Site ID: 56315
Site Name: Diodes Inc.
Site Address: 1545 BARBER LN
Site City: MILPITAS
Site Zip: 95035
Enf Action Date: 07-12-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Milpitas City Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Jeff Lindly
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Diodes, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

DIODES INC. (Continued) **S121788105**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Jeff Lindly
Entity Title:	Not reported
Affiliation Address:	1545 Barber Lane
Affiliation City:	Milpitas
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95035
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1545 Barber Lane
Affiliation City:	Milpitas
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95035
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Jeff Lindly
Entity Title:	Facility Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Diodes Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 232-9360
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400
Affiliation Type Desc:	Legal Owner
Entity Name:	Diodes Inc.

DIODES INC. (Continued) **S121788105**

Entity Title: Not reported
Affiliation Address: 4949 Hedgcoxe Road
Affiliation City: Plano
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75024
Affiliation Phone: (972) 987-3900

Affiliation Type Desc: Property Owner
Entity Name: Diodes Inc.
Entity Title: Not reported
Affiliation Address: 4949 Hedgcoxe Road
Affiliation City: Plano
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75024
Affiliation Phone: (972) 987-3900

C21 **NETFRAME SYSTEMS INCORPORATED** **CUPA Listings** **S113058362**
SE **1545 BARBER LN** **HAZNET** **N/A**
< 1/8 **MILPITAS, CA 95035** **CERS**
0.124 mi. **HWTS**
657 ft. **Site 4 of 4 in cluster C**

Relative: Higher

Actual: 32 ft.

CUPA SANTA CLARA:
Name: DIODES INCORPORATED
Address: 1545 BARBER LN
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: 2240
Program Description: GENERATES < 10 GAL/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.409714
Longitude: -121.912523
Record ID: PR0414528
Facility ID: FA0274087

Name: DIODES INCORPORATED
Address: 1545 BARBER LN
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: Not reported
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.409714
Longitude: -121.912523
Record ID: PR0425240
Facility ID: FA0274087

HAZNET:
Name: NETFRAME SYSTEMS INCORPORATED
Address: 1545 BARBER LN
Address 2: Not reported
City,State,Zip: MILPITAS, CA 950350000
Contact: UNDELIVERABLE 1996 FEES FORM
Telephone: --

NETFRAME SYSTEMS INCORPORATED (Continued) **S113058362**

Mailing Name: Not reported
Mailing Address: 1545 BARBER LN

Year: 1997
Gepaid: CAL000095927
TSD EPA ID: CAD059494310
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: -
Tons: 0.0625

Year: 1996
Gepaid: CAL000095927
TSD EPA ID: CAD059494310
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: D99 - Disposal, Other
Tons: 0.0417

Year: 1995
Gepaid: CAL000095927
TSD EPA ID: CAD059494310
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: D99 - Disposal, Other
Tons: 0.0417

Year: 1994
Gepaid: CAL000095927
TSD EPA ID: CAD059494310
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: D99 - Disposal, Other
Tons: 0.0417

Year: 1993
Gepaid: CAL000095927
TSD EPA ID: CAD059494310
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: -
Tons: 0.0417

Year: 1992
Gepaid: CAL000095927
TSD EPA ID: CAD059494310
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: D99 - Disposal, Other
Tons: 0.2293

Additional Info:
Year: 1996
Gen EPA ID: CAL000095927

Shipment Date: 19960819
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19960819
Manifest ID: 96580303
Trans EPA ID: UTD980635890
Trans Name: Not reported
Trans 2 EPA ID: Not reported

NETFRAME SYSTEMS INCORPORATED (Continued) **S113058362**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAL000095927
Shipment Date:	19950427
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950427
Manifest ID:	95294145
Trans EPA ID:	TXD988052494
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAL000095927
Shipment Date:	19970623
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970623
Manifest ID:	96867233
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

NETFRAME SYSTEMS INCORPORATED (Continued) **S113058362**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAL000095927
Shipment Date:	19931102
Creation Date:	9/12/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	90177025
Trans EPA ID:	TXD988052494
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAL000095927
Shipment Date:	19940913
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940913
Manifest ID:	90177026
Trans EPA ID:	TXD988052494
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

NETFRAME SYSTEMS INCORPORATED (Continued) **S113058362**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	AT&T MOBILITY - I-880 - SYCAMORE (USID26442)
Address:	1545 BARBER LN
City,State,Zip:	MILPITAS, CA 95035
Site ID:	573383
CERS ID:	10341469
CERS Description:	Chemical Storage Facilities

Coordinates:

Site ID:	573383
Facility Name:	AT&T Mobility - I-880 - SYCAMORE (USID26442)
Env Int Type Code:	HMBP
Program ID:	10341469
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	37.409710
Longitude:	-121.912520

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Environmental Contact
Entity Name:	Rose Blackmer
Entity Title:	Not reported
Affiliation Address:	155 S. White Rd. Room 6
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95127
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address

NETFRAME SYSTEMS INCORPORATED (Continued) **S113058362**

Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Jeremy McGrue
Entity Title:	National EPCRA Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	New Cingular Wireless PCS, LLC dba AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75202
Affiliation Phone:	(214) 464-1712
Affiliation Type Desc:	Operator
Entity Name:	AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 772-0254
Affiliation Type Desc:	Parent Corporation
Entity Name:	AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Peter Burnell, Sigma Consultants, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

NETFRAME SYSTEMS INCORPORATED (Continued) **S113058362**

Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Limar Realty Corp.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94402
Affiliation Phone: (650) 525-9100

HWTS:
Name: NETFRAME SYSTEMS INCORPORATED
Address: 1545 BARBER LN
Address 2: Not reported
City,State,Zip: MILPITAS, CA 950350000
EPA ID: CAL000095927
Inactive Date: 06/30/1996
Create Date: 12/21/1992
Last Act Date: 07/10/2001
Mailing Name: Not reported
Mailing Address: 1545 BARBER LN
Mailing Address 2: Not reported
Mailing City,State,Zip: MILPITAS, CA 950350000
Owner Name: ENZO TORRESI CEO
Owner Address: 1545 BARBER LN
Owner Address 2: Not reported
Owner City,State,Zip: MILPITAS, CA 950350000
Contact Name: UNDELIVERABLE 1996 FEES FORM
Contact Address: --
Contact Address 2: Not reported
City,State,Zip: --, 99 --

D22 **BLUE SKY RESEARCH** **CUPA Listings** **S113028764**
North **510 ALDER DR** **N/A**
1/8-1/4 **MILPITAS, CA 95035**
0.128 mi.
677 ft. **Site 1 of 2 in cluster D**

Relative: **Lower**

Actual: **29 ft.**

CUPA SANTA CLARA:
Name: BLUE SKY RESEARCH
Address: 510 ALDER DR
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.413536
Longitude: -121.91367
Record ID: PR0313660
Facility ID: FA0202766

D23 **BLUE SKY RESEARCH** **RCRA NonGen / NLR** **1024845785**
North **510 ALDER DR** **CAL000399163**
1/8-1/4 **MILPITAS, CA 95035**
0.128 mi.
677 ft. **Site 2 of 2 in cluster D**

Relative: **Lower**

Actual: **29 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2014-07-23 00:00:00.0
Handler Name:	BLUE SKY RESEARCH	
Handler Address:		510 ALDER DR
Handler City,State,Zip:		MILPITAS, CA 95035
EPA ID:		CAL000399163
Contact Name:		JUVENAL FERNANDES
Contact Address:		510 ALDER DRIVE
Contact City,State,Zip:		MILPITAS, CA 95035
Contact Telephone:		408-941-6033
Contact Fax:		408-941-0406
Contact Email:		JFERNANDES@BLUESKYRESEARCH.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		510 ALDER DR
Mailing City,State,Zip:		MILPITAS, CA 95035-0000
Owner Name:		BLUE SKY RESEARCH
Owner Type:		Other
Operator Name:		JUVENAL FERNANDES
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

BLUE SKY RESEARCH (Continued) **1024845785**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:04:50.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BLUE SKY RESEARCH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	510 ALDER DR
Owner/Operator City,State,Zip:	MILPITAS, CA 95035-0000
Owner/Operator Telephone:	408-941-6068
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JUVENAL FERNANDES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	510 ALDER DRIVE
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-941-6033
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BLUE SKY RESEARCH (Continued) **1024845785**

Historic Generators:
Receive Date: 2014-07-23 00:00:00.0
Handler Name: BLUE SKY RESEARCH
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 333314
NAICS Description: OPTICAL INSTRUMENT AND LENS MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E24 **MICRON TECHNOLOGY - SITE 962** **CUPA Listings S121474856**
WNW **570 ALDER DR** **CERS N/A**
1/8-1/4 **MILPITAS, CA 95035**
0.129 mi.
682 ft. **Site 1 of 2 in cluster E**

Relative: **Lower**

Actual: **29 ft.**

CUPA SANTA CLARA:
Name: MICRON TECHNOLOGY - SITE 962
Address: 570 ALDER DR
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: 2240
Program Description: GENERATES < 10 GAL/YR
Program Identifier: DEH PERMIT - HAZ WASTE GENERATOR PROGRAM
Latitude: 37.413116343
Longitude: -121.91573642
Record ID: PR0421958
Facility ID: FA0274896

Name: MICRON TECHNOLOGY - SITE 962
Address: 570 ALDER DR
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: Not reported
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.413116343
Longitude: -121.91573642
Record ID: PR0415509
Facility ID: FA0274896

MICRON TECHNOLOGY - SITE 962 (Continued) **S121474856**

CERS:

Name:	MICRON TECHNOLOGY - SITE 962
Address:	570 ALDER DR
City,State,Zip:	MILPITAS, CA 95035
Site ID:	563898
CERS ID:	10490821
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	563898
Site Name:	Micron Technology - Site 962
Violation Date:	02-27-2020
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes:	Returned to compliance on 03/27/2020. Facility believes they have notified property owner in writing indicating that facility is subject to, and in compliance with the Hazardous Materials Business Plan (HMBP), but is unable to provide evidence that property owner was notified.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	563898
Site Name:	Micron Technology - Site 962
Violation Date:	10-10-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Not reported
Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	563898
Site Name:	Micron Technology - Site 962
Violation Date:	02-17-2015
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes:	Returned to compliance on 03/26/2015.
Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	563898
Site Name:	Micron Technology - Site 962
Violation Date:	02-27-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

MICRON TECHNOLOGY - SITE 962 (Continued) **S121474856**

Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 03/27/2020. Facility failed to annually review and certify the Hazardous Materials Business Plan (HMBP). Prior to today's submission on 2-27-2020, facility last submitted on 12-3-2018 (Facility, plans), and 11-30-2018 (Inventory).
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	563898
Site Name:	Micron Technology - Site 962
Violation Date:	10-10-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Not reported
Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-17-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Annual Facility Review --
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-27-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility most recently electronically submitted a Hazardous Materials Business Plan (HMBP) on today, 2-27-2020. Reportable hazardous materials include: Diesel (600 gallons in above ground storage tank for emergency power) Reviewed SPCC and HMBP training most recently performed on: 3-29-2019.
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection is a follow up to the routine inspection dated 02/17/2015. All violations observed during that inspection were corrected.
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

MICRON TECHNOLOGY - SITE 962 (Continued) **S121474856**

Eval General Type:	Other/Unknown
Eval Date:	03-28-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection is a follow up to the routine inspection dated 10/10/2016. All violations observed during that inspection were not corrected.
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-04-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-09-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Facility engaged in research and development of electronic components such as memory/flash drives. Facility has 4 re-work soldering stations that collect solder splatter and drips. Occasionally sponges and lead vapor filters are changed out and these must be evaluated for potential to meet hazardous waste criteria. To participate in the County's hazardous waste disposal program for small businesses, go to HHW.ORG. Solder waste (drips, splatters and others) may be managed as scrap metal as long as they are 100 microns in size or larger. Permit will be inactivated.
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-10-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Enforcement Action:

Site ID:	563898
Site Name:	Micron Technology - Site 962
Site Address:	570 ALDER DR
Site City:	MILPITAS
Site Zip:	95035
Enf Action Date:	02-17-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Milpitas City Fire Department
Enf Action Program:	HMRRP

MICRON TECHNOLOGY - SITE 962 (Continued) **S121474856**

Enf Action Source: CERS

Site ID: 563898
Site Name: Micron Technology - Site 962
Site Address: 570 ALDER DR
Site City: MILPITAS
Site Zip: 95035
Enf Action Date: 10-10-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Milpitas City Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:
Site ID: 563898
Facility Name: Micron Technology - Site 962
Env Int Type Code: HMBP
Program ID: 10490821
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.411930
Longitude: -121.915730

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Sara Browne
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Sara Browne
Entity Title: Not reported
Affiliation Address: 8000 S Federal Way
Affiliation City: Boise
Affiliation State: ID
Affiliation Country: Not reported
Affiliation Zip: 83716
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 110 Holger Way
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95134
Affiliation Phone: Not reported

MICRON TECHNOLOGY - SITE 962 (Continued) **S121474856**

Affiliation Type Desc:	Parent Corporation
Entity Name:	Micron Technology - Site 962
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Micron Technology, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(510) 396-1613

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Identification Signer
Entity Name:	Sara Browne
Entity Title:	EHS Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Micron Technology, Inc.
Entity Title:	Not reported
Affiliation Address:	110 Holger Way
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95134
Affiliation Phone:	(510) 396-1613

Affiliation Type Desc:	Property Owner
Entity Name:	Orchard Commercial, Inc.
Entity Title:	Not reported
Affiliation Address:	2055 Laurelwood Road, #130
Affiliation City:	Santa Clara
Affiliation State:	CA
Affiliation Country:	United States

MICRON TECHNOLOGY - SITE 962 (Continued) **S121474856**

Affiliation Zip: 95034
Affiliation Phone: (408) 922-0400

E25 **A D A C LABORATORIES** **CUPA Listings** **S121468794**
WNW **570 ALDER DR** **N/A**
1/8-1/4 **MILPITAS, CA 95035**
0.129 mi.
682 ft. **Site 2 of 2 in cluster E**

Relative: CUPA SANTA CLARA:
Lower
Name: A D A C LABORATORIES
Actual: Address: 570 ALDER DR
29 ft. City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.413214
Longitude: -121.914525
Record ID: PR0313661
Facility ID: FA0202793

F26 **BESTK MANUFACTURING INC** **RCRA NonGen / NLR** **1024865213**
SW **675 SYCAMORE DR STE 170** **CAL000433783**
1/8-1/4 **MILPITAS, CA 95035**
0.142 mi.
752 ft. **Site 1 of 4 in cluster F**

Relative: RCRA NonGen / NLR:
Higher
Date Form Received by Agency: 2018-02-20 00:00:00.0
Actual: Handler Name: BESTK MANUFACTURING INC
30 ft. Handler Address: 675 SYCAMORE DR STE 170
Handler City,State,Zip: MILPITAS, CA 95035
EPA ID: CAL000433783
Contact Name: NHAT NGUYEN
Contact Address: 675 SYCAMORE DR STE 170
Contact City,State,Zip: MILPITAS, CA 95035
Contact Telephone: 408-321-8834
Contact Fax: 408-321-8670
Contact Email: NHATN@BESTEKMFG.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 675 SYCAMORE DR STE 170
Mailing City,State,Zip: MILPITAS, CA 95035
Owner Name: FRANK DANG
Owner Type: Other
Operator Name: NHAT NGUYEN

BESTK MANUFACTURING INC (Continued) **1024865213**

Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:37:31.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

BESTK MANUFACTURING INC (Continued) **1024865213**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FRANK DANG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	675 SYCAMORE DR STE 170
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-321-8834
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NHAT NGUYEN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	675 SYCAMORE DR STE 170
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-321-8834
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-02-20 00:00:00.0
Handler Name:	BESTK MANUFACTURING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	334111
NAICS Description:	ELECTRONIC COMPUTER MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

F27 **WINTEC INDUSTRIES, INC.** **CUPA Listings** **S116288361**
SW **675 SYCAMORE DR** **EMI** **N/A**
1/8-1/4 **MILPITAS, CA 95035** **HAZNET**
0.142 mi. **HWTS**
752 ft. **Site 2 of 4 in cluster F**

Relative:
Higher

Actual:
30 ft.

CUPA SANTA CLARA:

Name:	BEST USA LOGISTICS INC
Address:	675 SYCAMORE DR
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.410185
Longitude:	-121.915598
Record ID:	PR0425012
Facility ID:	FA0283328

EMI:

Name:	WINTEC INDUSTRIES
Address:	675 SYCAMORE DRIVE
City,State,Zip:	MILPITAS, CA 95035
Year:	2011
County Code:	43
Air Basin:	SF
Facility ID:	20695
Air District Name:	BA
SIC Code:	7372
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.007
Reactive Organic Gases Tons/Yr:	0.0006398
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0.002
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WINTEC INDUSTRIES
Address:	675 SYCAMORE DRIVE
City,State,Zip:	MILPITAS, CA 95035
Year:	2012
County Code:	43
Air Basin:	SF
Facility ID:	20695
Air District Name:	BA
SIC Code:	7372
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.007
Reactive Organic Gases Tons/Yr:	0.0006398
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0.002
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

WINTEC INDUSTRIES, INC. (Continued) **S116288361**

Name:	WINTEC INDUSTRIES
Address:	675 SYCAMORE DRIVE
City,State,Zip:	MILPITAS, CA 95035
Year:	2013
County Code:	43
Air Basin:	SF
Facility ID:	20695
Air District Name:	BA
SIC Code:	7372
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.006
Reactive Organic Gases Tons/Yr:	0.0005484
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0.001
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WINTEC INDUSTRIES
Address:	675 SYCAMORE DRIVE
City,State,Zip:	MILPITAS, CA 95035
Year:	2014
County Code:	43
Air Basin:	SF
Facility ID:	20695
Air District Name:	BA
SIC Code:	7372
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.00574372
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.000245509
NOX - Oxides of Nitrogen Tons/Yr:	0.001456027
SOX - Oxides of Sulphur Tons/Yr:	1.622e-006
Particulate Matter Tons/Yr:	2.8548e-005
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.8548e-005

HAZNET:

Name:	WINTEC INDUSTRIES, INC.
Address:	675 SYCAMORE DR
Address 2:	Not reported
City,State,Zip:	MILPITAS, CA 950357430
Contact:	MICHAEL JENG
Telephone:	5107085521
Mailing Name:	Not reported
Mailing Address:	8674 THORNTON AVE.

Year:	2016
Gepaid:	CAC002872199
TSD EPA ID:	NVD980895338
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0625

WINTEC INDUSTRIES, INC. (Continued) **S116288361**

Year:	2016
Gepaid:	CAC002872199
TSD EPA ID:	NVD980895338
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.22

HWTS:

Name:	WINTEC INDUSTRIES, INC.
Address:	675 SYCAMORE DR
Address 2:	Not reported
City,State,Zip:	MILPITAS, CA 950357430
EPA ID:	CAC002872199
Inactive Date:	11/04/2016
Create Date:	08/04/2016
Last Act Date:	11/04/2016
Mailing Name:	Not reported
Mailing Address:	8674 THORNTON AVE.
Mailing Address 2:	Not reported
Mailing City,State,Zip:	NEWARK, CA 94560
Owner Name:	SHU-HUI C. JENG
Owner Address:	8674 THORNTON AVE.
Owner Address 2:	Not reported
Owner City,State,Zip:	NEWARK, CA 94560
Contact Name:	MICHAEL JENG
Contact Address:	8674 THORNTON AVE.
Contact Address 2:	Not reported
City,State,Zip:	NEWARK, CA 94560

NAICS:

EPA ID:	CAC002872199
Create Date:	2016-08-04 14:24:06.333
NAICS Code:	334112
NAICS Description:	Computer Storage Device Manufacturing
Issued EPA ID Date:	2016-08-04 14:24:06.42300
Inactive Date:	2016-11-04 03:00:35.50300
Facility Name:	WINTEC INDUSTRIES, INC.
Facility Address:	675 SYCAMORE DR
Facility Address 2:	Not reported
Facility City:	MILPITAS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	950357430

F28 **BESTEK MANUFACTURING** **CUPA Listings** **S121474979**
SW **675 SYCAMORE DR STE 170** **N/A**
1/8-1/4 **MILPITAS, CA 95035**
0.142 mi.
752 ft. **Site 3 of 4 in cluster F**

Relative:
Higher

Actual:
30 ft.

CUPA SANTA CLARA:

Name:	BESTEK MANUFACTURING
Address:	675 SYCAMORE DR STE 170
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA

BESTEK MANUFACTURING (Continued) **S121474979**

PE#: Not reported
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.4101667
Longitude: -121.9156431
Record ID: PR0430212
Facility ID: FA0286846

Name: BESTEK MANUFACTURING
Address: 675 SYCAMORE DR STE 170
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.4101667
Longitude: -121.9156431
Record ID: PR0430714
Facility ID: FA0286846

F29 **BESTEK MANUFACTURING** **CERS HAZ WASTE** **S123101513**
SW **675 SYCAMORE DR STE 170** **CERS** **N/A**
1/8-1/4 **MILPITAS, CA 95035**
0.142 mi.
752 ft. **Site 4 of 4 in cluster F**

Relative: Higher
Actual: 30 ft.

CERS HAZ WASTE:
Name: BESTEK MANUFACTURING
Address: 675 SYCAMORE DR STE 170
City,State,Zip: MILPITAS, CA 95035
Site ID: 441246
CERS ID: 10764715
CERS Description: Hazardous Waste Generator

CERS:
Name: BESTEK MANUFACTURING
Address: 675 SYCAMORE DR STE 170
City,State,Zip: MILPITAS, CA 95035
Site ID: 441246
CERS ID: 10764715
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 441246
Site Name: BESTEK MANUFACTURING
Violation Date: 01-03-2019
Citation: HSC 6.5 25189.5(a),25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a),25201(a)
Violation Description: Failure to dispose of hazardous waste at a facility which has a permit from DTSC or disposing of hazardous waste at any point which is not authorized according to HSC 6.5.
Violation Notes: Returned to compliance on 02/04/2019. Observed non-leaded solder splatter on the floor surrounding all PCB re-work soldering stations. Engineering manager indicated that the janitorial staff mop and clean floors nightly and the waste solder splatter has not been managed as hazardous waste. Collect splatter and dross before janitorial staff clean floors to prevent improper management of this waste. Manage solder dross splatter as scrap metal (if greater than or equal to 100

BESTEK MANUFACTURING (Continued) **S123101513**

micron particle size) or fully regulated hazardous waste.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 441246
Site Name: BESTEK MANUFACTURING
Violation Date: 01-03-2019
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: Returned to compliance on 02/04/2019. Approximately 9 months ago, facility brought 2x55 gal drums of hazardous waste (non leaded solder waste) from former location on 2150 Del Franco St in San Jose, CA and stored at this address prior to disposal on 5-30-18. Facility is not licensed and permitted to receive hazardous waste for treatment, storage, or disposal.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 441246
Site Name: BESTEK MANUFACTURING
Violation Date: 01-03-2019
Citation: 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description: Failure to send a legible copy of each hazardous waste manifest to the Department within 30 days of each shipment of hazardous waste.
Violation Notes: Returned to compliance on 02/04/2019. Engineering manager acknowledged that facility is not sending in a copy of the generator initial manifest to the state.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-03-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Facility currently permitted for 1-3 reportable hazardous materials under the Hazardous Materials Business Plan (HMBP) program however facility does not have reportable amounts of hazardous materials. Permit will be inactivated. Contact the County if storage of hazardous materials increases to reportable thresholds (55 gal liquid, 200 cubic feet gas, 500 lbs solid).
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-03-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility performs circuit board assembly and utilizes surface-mount technology and performs wave soldering and through-hole assembly .

BESTEK MANUFACTURING (Continued) **S123101513**

Facility relocated from San Jose approximately 9 months ago. State ID # CAL000433783 is active. Hazardous waste streams generated include: Solder contaminated debris (paste residuals, wipes, PPE) Solder dross from dip soldering Reviewed documentation including: Uniform hazardous waste manifests MINOR VIOLATIONS CORRECTED AT TIME OF INSPECTION 1x55 gal drum of solder dross from dip soldering - no statement of hazard. MARKED. NOTE 1: Waste from hand soldering (assuming greater than or equal to 100 micron particle size) is eligible for management as scrap metal. If not managed as scrap metal, manage as fully regulated hazardous waste. NOTE 2: Facility currently permitted incorrectly as "2201: Generates waste oil only". Permit will be changed to 2205 (100kgs - <5tons of hazardous waste)

Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Nhat Nguyen
Entity Title: Not reported
Affiliation Address: 675 SYCAMORE DR STE 170
Affiliation City: MILPITAS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95035
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 675 SYCAMORE DR STE 170
Affiliation City: MILPITAS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95035
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Nhat Nguyen
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 307-6148

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400

BESTEK MANUFACTURING (Continued) **S123101513**

Affiliation Type Desc:	Document Preparer
Entity Name:	Tien Dang
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	675 Sycamore LLC
Entity Title:	Not reported
Affiliation Address:	675 Sycamore Drive
Affiliation City:	Milpitas
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95035
Affiliation Phone:	(510) 226-1536

Affiliation Type Desc:	Identification Signer
Entity Name:	Frank Dang
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Frank Dang
Entity Title:	Not reported
Affiliation Address:	675 SYCAMORE DR STE 170
Affiliation City:	MILPITAS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95035
Affiliation Phone:	(408) 202-4612

Affiliation Type Desc:	Parent Corporation
Entity Name:	BESTEK MANUFACTURING
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

30
NNW
1/8-1/4
0.166 mi.
874 ft.

PHILLIPS NUCLEAR MEDICINE ,INC
560 ALDER DR
MILPITAS, CA 95035

CUPA Listings **S121472744**
N/A

Relative:
Lower

Actual:
28 ft.

CUPA SANTA CLARA:

Name:	PHILLIPS NUCLEAR MEDICINE ,INC
Address:	560 ALDER DR
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.413268
Longitude:	-121.914382
Record ID:	PR0373441
Facility ID:	FA0255705

G31
NW
1/8-1/4
0.168 mi.
888 ft.

VARIAN MEDICAL SYSTEMS
596 ALDER DR
MILPITAS, CA 95035

Site 1 of 2 in cluster G

CUPA Listings **S121472672**
CERS **N/A**

Relative:
Lower

Actual:
28 ft.

CUPA SANTA CLARA:

Name:	VARIAN MEDICAL SYSTEMS
Address:	596 ALDER DR
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	2201
Program Description:	GENERATES WASTE OIL ONLY
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.413072
Longitude:	-121.914905
Record ID:	PR0372643
Facility ID:	FA0255199

Name:	VARIAN MEDICAL SYSTEMS
Address:	596 ALDER DR
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.413072
Longitude:	-121.914905
Record ID:	PR0373046
Facility ID:	FA0255199

CERS:

Name:	VARIAN MEDICAL SYSTEMS
Address:	596 ALDER DR
City,State,Zip:	MILPITAS, CA 95035
Site ID:	502437
CERS ID:	110002708286
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Environmental Contact

VARIAN MEDICAL SYSTEMS (Continued) **S121472672**

Entity Name:	DENISE KATO
Entity Title:	Not reported
Affiliation Address:	3100 HANSEN WYMAIL STOP E 339
Affiliation City:	PALOALTO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

G32 **VARIAN MEDICAL SYSTEMS** **RCRA NonGen / NLR** **1000245634**
NW **596 ALDER DR** **FINDS** **CAD981443674**
1/8-1/4 **MILPITAS, CA 95035** **ECHO**
0.168 mi.
888 ft. **Site 2 of 2 in cluster G**

Relative: **Lower**
Actual: **28 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	1999-03-19 00:00:00.0
Handler Name:	VARIAN MEDICAL SYSTEMS INC
Handler Address:	596 ALDER DR
Handler City,State,Zip:	MILPITAS, CA 95035
EPA ID:	CAD981443674
Contact Name:	DENISE KATO
Contact Address:	3100 HANSEN WAY
Contact City,State,Zip:	PALO ALTO, CA 94304
Contact Telephone:	650-424-5812
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3100 HANSEN WAY
Mailing City,State,Zip:	PALO ALTO, CA 94304
Owner Name:	VARIAN MEDICAL SYSTEMS INC
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

VARIAN MEDICAL SYSTEMS (Continued) **1000245634**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2006-08-21 15:56:31.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D008

VARIAN MEDICAL SYSTEMS (Continued) **1000245634**

Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D018
Waste Description: BENZENE

Waste Code: D019
Waste Description: CARBON TETRACHLORIDE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F004
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF

VARIAN MEDICAL SYSTEMS (Continued) **1000245634**

ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: P030
Waste Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: VARIAN MEDICAL SYSTEMS INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3100 HANSEN WY
Owner/Operator City,State,Zip: PALO ALTO, CA 94304-1030
Owner/Operator Telephone: 650-424-4000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1999-03-19 00:00:00.0
Handler Name: VARIAN MEDICAL SYSTEMS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

VARIAN MEDICAL SYSTEMS (Continued) **1000245634**

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002708286

Click Here:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000245634
Registry ID: 110002708286
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002708286
Name: VARIAN MEDICAL SYSTEMS
Address: 596 ALDER DR
City,State,Zip: MILPITAS, CA 95035

H33 **LINEAR TECHNOLOGY CORPORATION** **RCRA NonGen / NLR** **1024836179**
SSW **1530 BUCKEYE DR** **CAL000379189**
1/8-1/4 **MILPITAS, CA 95035**
0.181 mi.
956 ft. **Site 1 of 3 in cluster H**

Relative: **Higher**

Actual: **31 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2012-10-23 00:00:00.0
Handler Name: LINEAR TECHNOLOGY CORPORATION
Handler Address: 1530 BUCKEYE DR
Handler City,State,Zip: MILPITAS, CA 95035
EPA ID: CAL000379189
Contact Name: JANET BURGGRAF
Contact Address: 1630 MCCARTHY BLVD
Contact City,State,Zip: MILPITAS, CA 95035
Contact Telephone: 408-432-1900
Contact Fax: 000-000-0000
Contact Email: BOWEN.RAYMOND@ANALOG.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

LINEAR TECHNOLOGY CORPORATION (Continued) **1024836179**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1630 MCCARTHY BLVD
Mailing City,State,Zip:	MILPITAS, CA 95035-7417
Owner Name:	LINEAR TECHNOLOGY CORP.
Owner Type:	Other
Operator Name:	JANET BURGGRAF
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:01:30.0

LINEAR TECHNOLOGY CORPORATION (Continued) **1024836179**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LINEAR TECHNOLOGY CORP.
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1630 MCCARTHY BLVD
Owner/Operator City,State,Zip:	MILPITAS, CA 95035-7417
Owner/Operator Telephone:	408-432-1900
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JANET BURGGRAF
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1630 MCCARTHY BLVD
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-432-1900
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2012-10-23 00:00:00.0
Handler Name:	LINEAR TECHNOLOGY CORPORATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	334413
NAICS Description:	SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

LINEAR TECHNOLOGY CORPORATION (Continued) **1024836179**

Evaluation Action Summary:
Evaluations: No Evaluations Found

H34 **ANALOG DEVICES INC** **RCRA NonGen / NLR** **1025871546**
SSW **1530 BUCKEYE DR** **CAL000444661**
1/8-1/4 **MILPITAS, CA 95035**
0.181 mi.
956 ft. **Site 2 of 3 in cluster H**

Relative: **Higher**

Actual: **31 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-03-22 00:00:00.0
Handler Name:	ANALOG DEVICES INC
Handler Address:	1530 BUCKEYE DR
Handler City,State,Zip:	MILPITAS, CA 95035
EPA ID:	CAL000444661
Contact Name:	JANET BURGGRAF
Contact Address:	1630 MCCARTHY BLVD
Contact City,State,Zip:	MILPITAS, CA 95035
Contact Telephone:	408-639-7463
Contact Fax:	Not reported
Contact Email:	JANET.BURGGRAF@ANALOG.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1630 MCCARTHY BLVD
Mailing City,State,Zip:	MILPITAS, CA 95035
Owner Name:	ANALOG DEVICES INC
Owner Type:	Other
Operator Name:	JANET BURGGRAF
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N

ANALOG DEVICES INC (Continued) **1025871546**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-28 18:26:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANALOG DEVICES INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9106
Owner/Operator City,State,Zip:	NORWOOD, MA 02062
Owner/Operator Telephone:	781-329-4700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JANET BURGGRAF
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1630 MCCARTHY BLVD

ANALOG DEVICES INC (Continued) **1025871546**

Owner/Operator City,State,Zip: MILPITAS, CA 95035
Owner/Operator Telephone: 408-639-7463
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2019-03-22 00:00:00.0
Handler Name: ANALOG DEVICES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 334413
NAICS Description: SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H35 **INTERNATIONAL IMAGING SYSTEMS** **RCRA-SQG** **1000217036**
SSW **1500 BUCKEYE DR** **FINDS** **CAD981449630**
1/8-1/4 **MILPITAS, CA 95035** **ECHO**
0.187 mi. **HAZNET**
985 ft. **Site 3 of 3 in cluster H** **HWTS**

Relative:
Higher

Actual:
31 ft.

RCRA-SQG:
Date Form Received by Agency: 1986-03-04 00:00:00.0
Handler Name: INTERNATIONAL IMAGING SYSTEMS
Handler Address: 1500 BUCKEYE DR
Handler City,State,Zip: MILPITAS, CA 95035
EPA ID: CAD981449630
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 1500 BUCKEYE DR
Contact City,State,Zip: MILPITAS, CA 95035
Contact Telephone: 408-262-4444
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

INTERNATIONAL IMAGING SYSTEMS (Continued) **1000217036**

Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	BUCKEYE DR
Mailing City,State,Zip:	MILPITAS, CA 95035
Owner Name:	BANK OF AMERICA
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:29:40.0

INTERNATIONAL IMAGING SYSTEMS (Continued) **1000217036**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BANK OF AMERICA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1986-03-04 00:00:00.0
Handler Name:	INTERNATIONAL IMAGING SYSTEMS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

INTERNATIONAL IMAGING SYSTEMS (Continued) **1000217036**

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002710950

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000217036
Registry ID: 110002710950
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002710950
Name: INTERNATIONAL IMAGING SYSTEMS
Address: 1500 BUCKEYE DR
City,State,Zip: MILPITAS, CA 95035

HAZNET:
Name: INTERNATIONAL IMAGING SYSTEMS
Address: 1500 BUCKEYE DR
Address 2: Not reported
City,State,Zip: MILPITAS, CA 950350000
Contact: INACTIVE PER VQ96
Telephone: --
Mailing Name: Not reported
Mailing Address: 1500 BUCKEYE DR

Year: 1993
Gepaid: CAD981449630
TSD EPA ID: CAD009452657
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.2085

Year: 1992
Gepaid: CAD981449630
TSD EPA ID: CAD074644659
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.2085

Year: 1990
Gepaid: CAD981449630
TSD EPA ID: 222640650

INTERNATIONAL IMAGING SYSTEMS (Continued) **1000217036**

CA Waste Code: -
Disposal Method: 01 -
Tons: 0.2085

Year: 1988
Gepaid: CAD981449630
TSD EPA ID: CAD009452657
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.1251

Year: 1987
Gepaid: CAD981449630
TSD EPA ID: CAD074644659
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.2085

Additional Info:
Year: 1993
Gen EPA ID: CAD981449630

Shipment Date: 19930722
Creation Date: 9/11/1995 0:00:00
Receipt Date: 19930723
Manifest ID: 91758105
Trans EPA ID: CAD029363876
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD009452657
Trans Name: Not reported
TSDF Alt EPA ID: CAD009452657
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F001
Meth Code: R01 - Recycler
Quantity Tons: 0.2085
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: INTERNATIONAL IMAGING SYSTEMS
Address: 1500 BUCKEYE DR
Address 2: Not reported
City,State,Zip: MILPITAS, CA 950350000
EPA ID: CAD981449630
Inactive Date: 06/30/1996

INTERNATIONAL IMAGING SYSTEMS (Continued) **1000217036**

Create Date:	04/10/1987
Last Act Date:	08/10/2004
Mailing Name:	Not reported
Mailing Address:	1500 BUCKEYE DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MILPITAS, CA 950350000
Owner Name:	INTERNATIONAL IMAGING SYSTEMS
Owner Address:	1500 BUCKEYE DR
Owner Address 2:	Not reported
Owner City,State,Zip:	MILPITAS, CA 950350000
Contact Name:	INACTIVE PER VQ96
Contact Address:	--
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

I36 **NEWPORT CORPORATION** **CERS HAZ WASTE** **S127125259**
SE **1565 BARBER LN** **CERS** **N/A**
1/8-1/4 **MILPITAS, CA 95035** **HWTS**
0.198 mi.
1044 ft. **Site 1 of 5 in cluster I**

Relative:
Higher

Actual:
32 ft.

CERS HAZ WASTE:

Name:	NEWPORT CORPORATION
Address:	1565 BARBER LN
City,State,Zip:	MILPITAS, CA 95035
Site ID:	571717
CERS ID:	10863181
CERS Description:	Hazardous Waste Generator

CERS:

Name:	NEWPORT CORPORATION
Address:	1565 BARBER LN
City,State,Zip:	MILPITAS, CA 95035
Site ID:	571717
CERS ID:	10863181
CERS Description:	Chemical Storage Facilities

Coordinates:

Site ID:	571717
Facility Name:	Newport Corporation
Env Int Type Code:	HMBP
Program ID:	10863181
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	37.408600
Longitude:	-121.911970

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

NEWPORT CORPORATION (Continued) **S127125259**

Affiliation Type Desc:	Identification Signer
Entity Name:	Jose Rivera
Entity Title:	Sr. EHS Specialist
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Newport Corporation
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 980-5597

Affiliation Type Desc:	Parent Corporation
Entity Name:	Newport Corporation
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Jose Rivera
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	JOSE RIVERA
Entity Title:	Not reported
Affiliation Address:	1565 Barber Lane
Affiliation City:	Milpitas
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95035
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Newport Corporation
Entity Title:	Not reported
Affiliation Address:	1565 Barber Lane
Affiliation City:	Milpitas
Affiliation State:	CA
Affiliation Country:	United States

NEWPORT CORPORATION (Continued) **S127125259**

Affiliation Zip: 95035
Affiliation Phone: (408) 980-5597

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1791 Deere Avenue
Affiliation City: Irvine
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92606
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Empire Square Group
Entity Title: Not reported
Affiliation Address: 54 West 21st Street, Suite 507
Affiliation City: New York
Affiliation State: NY
Affiliation Country: United States
Affiliation Zip: 10010
Affiliation Phone: (646) 357-1855

HWTS:
Name: NEWPORT CORPORATION
Address: 1565 BARBER LANE
Address 2: Not reported
City,State,Zip: MILPITAS, CA 95035
EPA ID: CAL000459932
Inactive Date: Not reported
Create Date: 02/08/2021
Last Act Date: 02/08/2021
Mailing Name: Not reported
Mailing Address: 1565 BARBER LANE
Mailing Address 2: Not reported
Mailing City,State,Zip: MILPITAS, CA 95035
Owner Name: NEWPORT CORPORATION
Owner Address: 1791 DEERE AVE
Owner Address 2: Not reported
Owner City,State,Zip: IRVINE, CA 92606
Contact Name: JOSE RIVERA
Contact Address: 1565 BARBER LANE
Contact Address 2: Not reported
City,State,Zip: MILPITAS, CA 95035

NAICS:
EPA ID: CAL000459932
Create Date: 2021-02-08 09:48:54.310
NAICS Code: 335999
NAICS Description: All Other Miscellaneous Electrical Equipment and Component Manufacturing
Issued EPA ID Date: 2021-02-08 09:48:54.29700
Inactive Date: Not reported
Facility Name: NEWPORT CORPORATION
Facility Address: 1565 BARBER LANE
Facility Address 2: Not reported

NEWPORT CORPORATION (Continued) **S127125259**

Facility City:	MILPITAS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	95035

I37 **NUVOSUN INC** **CHMIRS** **S100219269**
SE **1565 BARBER LN** **CUPA Listings** **N/A**
1/8-1/4 **MILPITAS, CA 95035** **HAZNET**
0.198 mi. **HWTS**
1044 ft. **Site 2 of 5 in cluster I**

Relative: **Higher**

Actual: **32 ft.**

CHMIRS:

Name:	Not reported
Address:	1565 BARBER
City,State,Zip:	MILPITAS, CA 95035
OES Incident Number:	000456
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**02-MAR-90**
Property Use:	700
Agency Id Number:	43030
Agency Incident Number:	90-4059
Time Notified:	1717
Time Completed:	1835
Surrounding Area:	962
Estimated Temperature:	60
Property Management:	P
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	1
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	1
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	LT. JIM PILMA
Report Date:	02-MAR-90
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	02-MAR-90

NUVOSUN INC (Continued) **S100219269**

Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	27-JUN-91
Substance:	Not reported
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	N
Description:	Not reported

CUPA SANTA CLARA:

Name:	NUVOSUN INC
Address:	1565 BARBER LN
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 7-9 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.4086039
Longitude:	-121.911973
Record ID:	PR0394961
Facility ID:	FA0267670

Name:	NUVOSUN INC
Address:	1565 BARBER LN
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.4086039
Longitude:	-121.911973
Record ID:	PR0400069
Facility ID:	FA0267670

Name:	NUVOSUN INC
Address:	1565 BARBER LN
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	2262
Program Description:	CONDITIONALLY AUTHORIZED (CA)
Program Identifier:	DEH PERMIT-ONSITE HAZ WASTE TREATMENT/TIERED PERMIT PROGRAM
Latitude:	37.4086039

NUVOSUN INC (Continued) **S100219269**

Longitude: -121.911973
Record ID: PR0400070
Facility ID: FA0267670

HAZNET:
Name: NUVOSUN INC
Address: 1565 BARBER LN
Address 2: Not reported
City,State,Zip: MILPITAS, CA 950350000
Contact: ROCKY TAYLOR
Telephone: 8312520441
Mailing Name: Not reported
Mailing Address: 1565 BARBER LN

Year: 2018
Gepaid: CAD981978588
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 12.37200

Year: 2018
Gepaid: CAD981978588
TSD EPA ID: MXC130619001
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.21000

Year: 2018
Gepaid: CAD981978588
TSD EPA ID: NVT330010000
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.60900

Year: 2018
Gepaid: CAD981978588
TSD EPA ID: MXC130619001
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H020 - Solvents Recovery
Tons: 0.00350

Year: 2018
Gepaid: CAD981978588
TSD EPA ID: NVT330010000
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.17500

Year: 2018
Gepaid: CAD981978588
TSD EPA ID: NVT330010000
CA Waste Code: 135 - Unspecified aqueous solution

NUVOSUN INC (Continued) **S100219269**

Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.02100

Year: 2018
Gepaid: CAD981978588
TSD EPA ID: MXC130619001
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.00000

Year: 2017
Gepaid: CAD981978588
TSD EPA ID: CAT080014079
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.105

Year: 2017
Gepaid: CAD981978588
TSD EPA ID: CAT080014079
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2

Year: 2017
Gepaid: CAD981978588
TSD EPA ID: CAD008302903
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.185

Click this hyperlink while viewing on your computer to access
85 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2012
Gen EPA ID: CAD981978588

Shipment Date: 20121211
Creation Date: 3/7/2013 22:15:08
Receipt Date: 20121218
Manifest ID: 000771019VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080014079
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids

NUVOSUN INC (Continued) **S100219269**

RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121211
Creation Date:	3/1/2013 22:15:08
Receipt Date:	20121221
Manifest ID:	000771018VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121206
Creation Date:	8/22/2013 22:15:07
Receipt Date:	20121213
Manifest ID:	008421356JJK
Trans EPA ID:	ILD982612798
Trans Name:	SIEMENS INDUSTRY INC
Trans 2 EPA ID:	MND044176113
Trans 2 Name:	PIONEER TANK LINES INC
TSDF EPA ID:	MND981098478
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D006
Meth Code:	H129 - Other Treatment
Quantity Tons:	0.1092
Waste Quantity:	26
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

NUVOSUN INC (Continued) **S100219269**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120731
Creation Date:	10/10/2012 22:15:09
Receipt Date:	20120807
Manifest ID:	000574417VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120525
Creation Date:	5/28/2013 22:15:05
Receipt Date:	20120531
Manifest ID:	008421201JJK
Trans EPA ID:	ILD982612798
Trans Name:	SIEMENS INDUSTRY INC
Trans 2 EPA ID:	MND044176113
Trans 2 Name:	PIONEER TANK LINES INC
TSDF EPA ID:	MND981098478
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D006
Meth Code:	H129 - Other Treatment
Quantity Tons:	0.1092
Waste Quantity:	26
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120118
Creation Date:	8/13/2013 22:15:07
Receipt Date:	20120203
Manifest ID:	005280816FLE
Trans EPA ID:	CAR000070540

NUVOSUN INC (Continued) **S100219269**

Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1265
Waste Quantity:	253
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120118
Creation Date:	8/13/2013 22:15:07
Receipt Date:	20120203
Manifest ID:	005280816FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAD981978588
Shipment Date:	20141014
Creation Date:	12/31/2014 22:14:46
Receipt Date:	20141022
Manifest ID:	000934117VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES

NUVOSUN INC (Continued) **S100219269**

TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141014
Creation Date:	11/25/2014 22:15:05
Receipt Date:	20141017
Manifest ID:	000934116VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.07
Waste Quantity:	140
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140619
Creation Date:	11/6/2014 22:14:59
Receipt Date:	20140625
Manifest ID:	008420796JJK
Trans EPA ID:	MIK103800723
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
Trans 2 EPA ID:	MND044176113
Trans 2 Name:	PIONEER TANK LINES INC
TSDF EPA ID:	MND981098478
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D006
Meth Code:	H120 - Not reported
Quantity Tons:	0.6552

NUVOSUN INC (Continued) **S100219269**

Waste Quantity:	156
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140523
Creation Date:	8/22/2014 22:15:05
Receipt Date:	20140530
Manifest ID:	000739526VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140523
Creation Date:	8/10/2014 22:15:05
Receipt Date:	20140528
Manifest ID:	000739527VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

NUVOSUN INC (Continued) **S100219269**

Shipment Date:	20140523
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000739526VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140523
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000739526VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140523
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000739526VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES

NUVOSUN INC (Continued) **S100219269**

TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140523
Creation Date:	8/22/2014 22:15:05
Receipt Date:	20140530
Manifest ID:	000739526VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	U133
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140523
Creation Date:	8/22/2014 22:15:05
Receipt Date:	20140530
Manifest ID:	000739526VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

NUVOSUN INC (Continued) **S100219269**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD981978588
Shipment Date:	19950501
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950509
Manifest ID:	95180636
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080022148
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3753
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950501
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950509
Manifest ID:	95180635
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080022148
TSDF Alt Name:	Not reported
Waste Code Description:	724 - Liquids with lead > 500 mg/l
RCRA Code:	D008
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G

NUVOSUN INC (Continued) **S100219269**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950501
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950509
Manifest ID:	95180635
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080022148
TSDF Alt Name:	Not reported
Waste Code Description:	724 - Liquids with lead > 500 mg/l
RCRA Code:	D008
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950501
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950509
Manifest ID:	95180635
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080022148
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950501
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950509

NUVOSUN INC (Continued) **S100219269**

Manifest ID:	95180635
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080022148
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2919
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950501
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950509
Manifest ID:	95180637
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080022148
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0165
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950501
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950509
Manifest ID:	95180636
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080022148
TSDF Alt Name:	Not reported

NUVOSUN INC (Continued) **S100219269**

Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950501
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950509
Manifest ID:	95180636
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080022148
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D040
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950501
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950509
Manifest ID:	95180636
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080022148
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

NUVOSUN INC (Continued) **S100219269**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950501
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950509
Manifest ID:	95180637
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080022148
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0165
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAD981978588
Shipment Date:	20110624
Creation Date:	8/26/2011 18:30:36
Receipt Date:	20110705
Manifest ID:	000491945VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D006
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.8
Waste Quantity:	1600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

NUVOSUN INC (Continued) **S100219269**

Shipment Date:	20110504
Creation Date:	6/28/2011 18:30:12
Receipt Date:	20110512
Manifest ID:	000444893VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D006
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110311
Creation Date:	4/27/2011 18:30:43
Receipt Date:	20110317
Manifest ID:	000440303VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D006
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD981978588

Shipment Date:	19940830

NUVOSUN INC (Continued) **S100219269**

Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940907
Manifest ID:	92238995
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080011059
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940830
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940908
Manifest ID:	92238996
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080022148
TSDF Alt Name:	Not reported
Waste Code Description:	724 - Liquids with lead > 500 mg/l
RCRA Code:	D008
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1125
Waste Quantity:	225
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940830
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940908
Manifest ID:	92238996
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148

NUVOSUN INC (Continued) **S100219269**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080022148
TSDF Alt Name:	Not reported
Waste Code Description:	724 - Liquids with lead > 500 mg/l
RCRA Code:	D008
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940830
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940907
Manifest ID:	92238997
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1459
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940802
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940802
Manifest ID:	93629623
Trans EPA ID:	CAD982430571
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD070148432
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G

NUVOSUN INC (Continued) **S100219269**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940510
Creation Date:	10/5/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93718322
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD083166728
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940510
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940517
Manifest ID:	93718240
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940510
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940517

NUVOSUN INC (Continued) **S100219269**

Manifest ID:	93718240
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	U080
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940510
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940517
Manifest ID:	93718240
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0105
Waste Quantity:	21
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940510
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940517
Manifest ID:	93718240
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported

NUVOSUN INC (Continued) **S100219269**

Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAD981978588
Shipment Date:	20151110
Creation Date:	1/21/2016 22:16:16
Receipt Date:	20151117
Manifest ID:	000937000VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151110
Creation Date:	1/21/2016 22:16:16
Receipt Date:	20151117
Manifest ID:	000937000VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

NUVOSUN INC (Continued) **S100219269**

Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151110
Creation Date:	1/11/2016 22:16:05
Receipt Date:	20151113
Manifest ID:	000936999VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151110
Creation Date:	1/11/2016 22:16:05
Receipt Date:	20151113
Manifest ID:	000936999VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

NUVOSUN INC (Continued) **S100219269**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150910
Creation Date:	11/6/2015 22:15:17
Receipt Date:	20150915
Manifest ID:	000936777VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150910
Creation Date:	2/9/2016 22:15:39
Receipt Date:	20150916
Manifest ID:	000936776VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.08
Waste Quantity:	160
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150317
Creation Date:	5/20/2015 22:15:07
Receipt Date:	20150324
Manifest ID:	000741014VES
Trans EPA ID:	NJD080631369

NUVOSUN INC (Continued) **S100219269**

Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150317
Creation Date:	5/20/2015 22:15:07
Receipt Date:	20150325
Manifest ID:	000741013VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.08
Waste Quantity:	160
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150317
Creation Date:	5/20/2015 22:15:07
Receipt Date:	20150324
Manifest ID:	000741014VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues

NUVOSUN INC (Continued) **S100219269**

RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAD981978588
Shipment Date:	20151110
Creation Date:	1/21/2016 22:16:16
Receipt Date:	20151117
Manifest ID:	000937000VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151110
Creation Date:	1/11/2016 22:16:05
Receipt Date:	20151113
Manifest ID:	000936999VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

NUVOSUN INC (Continued) **S100219269**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151110
Creation Date:	1/11/2016 22:16:05
Receipt Date:	20151113
Manifest ID:	000936999VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151110
Creation Date:	1/21/2016 22:16:16
Receipt Date:	20151117
Manifest ID:	000937000VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported

NUVOSUN INC (Continued) **S100219269**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150910
Creation Date:	2/9/2016 22:15:39
Receipt Date:	20150916
Manifest ID:	000936776VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.08
Waste Quantity:	160
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150910
Creation Date:	11/6/2015 22:15:17
Receipt Date:	20150915
Manifest ID:	000936777VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150317
Creation Date:	5/20/2015 22:15:07
Receipt Date:	20150324
Manifest ID:	000741014VES
Trans EPA ID:	NJD080631369

NUVOSUN INC (Continued) **S100219269**

Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150317
Creation Date:	5/20/2015 22:15:07
Receipt Date:	20150325
Manifest ID:	000741013VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.08
Waste Quantity:	160
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150317
Creation Date:	5/20/2015 22:15:07
Receipt Date:	20150324
Manifest ID:	000741014VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids

NUVOSUN INC (Continued) **S100219269**

RCRA Code: D010
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.15
Waste Quantity: 300
Quantity Unit: P
Additional Code 1: D006
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2013
Gen EPA ID: CAD981978588

Shipment Date: 20131218
Creation Date: 1/28/2014 22:15:25
Receipt Date: 20131220
Manifest ID: 000933764VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD982523433
Trans 2 Name: DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20131218
Creation Date: 2/24/2014 22:15:07
Receipt Date: 20131224
Manifest ID: 000933765VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080014079
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D010
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.2

NUVOSUN INC (Continued) **S100219269**

Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130617
Creation Date:	8/29/2013 22:15:18
Receipt Date:	20130626
Manifest ID:	000772309VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD981978588
Shipment Date:	19931006
Creation Date:	9/13/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	88457606
Trans EPA ID:	CAD982430571
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

NUVOSUN INC (Continued) **S100219269**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930818
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930818
Manifest ID:	88457605
Trans EPA ID:	CAD982430571
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD070148432
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930715
Creation Date:	9/8/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92693574
Trans EPA ID:	CAT080011059
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	F001
Meth Code:	- Not reported
Quantity Tons:	1.785
Waste Quantity:	525
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930715
Creation Date:	9/8/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92693574
Trans EPA ID:	CAT080011059

NUVOSUN INC (Continued) **S100219269**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930616
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930616
Manifest ID:	88457604
Trans EPA ID:	CAD982430571
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD070148432
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930329
Creation Date:	9/1/1995 0:00:00
Receipt Date:	19930329
Manifest ID:	88457603
Trans EPA ID:	CAD982430571
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011

NUVOSUN INC (Continued) **S100219269**

Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930107
Creation Date:	9/5/1995 0:00:00
Receipt Date:	19930108
Manifest ID:	88457602
Trans EPA ID:	CAD982430571
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAD981978588
Shipment Date:	20101227
Creation Date:	2/23/2011 18:30:18
Receipt Date:	20110106
Manifest ID:	000244493VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D006
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.75
Waste Quantity:	1500

NUVOSUN INC (Continued) **S100219269**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAD981978588
Shipment Date:	20170502
Creation Date:	5/9/2018 18:32:51
Receipt Date:	20170510
Manifest ID:	001232313VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.185
Waste Quantity:	370
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170502
Creation Date:	5/9/2018 18:32:37
Receipt Date:	20170509
Manifest ID:	001233041VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	131 - Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported

NUVOSUN INC (Continued) **S100219269**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170502
Creation Date:	5/9/2018 18:32:37
Receipt Date:	20170509
Manifest ID:	001233041VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.105
Waste Quantity:	210
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170502
Creation Date:	5/9/2018 18:32:37
Receipt Date:	20170509
Manifest ID:	001233041VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.07
Waste Quantity:	140
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170502
Creation Date:	5/9/2018 18:32:37

NUVOSUN INC (Continued) **S100219269**

Receipt Date:	20170509
Manifest ID:	001233041VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	NUVOSUN INC
Address:	1565 BARBER LN
Address 2:	Not reported
City,State,Zip:	MILPITAS, CA 950350000
EPA ID:	CAD981978588
Inactive Date:	06/30/2020
Create Date:	07/03/1987
Last Act Date:	01/04/2021
Mailing Name:	Not reported
Mailing Address:	1565 BARBER LN
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MILPITAS, CA 950350000
Owner Name:	NUVOSUN INC
Owner Address:	1565 BARBER LN
Owner Address 2:	Not reported
Owner City,State,Zip:	MILPITAS, CA 950350000
Contact Name:	ROCKY TAYLOR
Contact Address:	1565 BARBER LN
Contact Address 2:	Not reported
City,State,Zip:	MILPITAS, CA 95035

NAICS:

EPA ID:	CAD981978588
Create Date:	2011-08-08 15:53:36.210
NAICS Code:	334413
NAICS Description:	Semiconductor and Related Device Manufacturing
Issued EPA ID Date:	1987-07-03 00:00:00
Inactive Date:	2020-06-30 00:00:00
Facility Name:	NUVOSUN INC
Facility Address:	1565 BARBER LN
Facility Address 2:	Not reported
Facility City:	MILPITAS

NUVOSUN INC (Continued) **S100219269**

Facility County: Not reported
Facility State: CA
Facility Zip: 950350000

I38 **MKS INSTRUMENTS INC.** **RCRA NonGen / NLR** **1026467613**
SE **1565 BARBER** **CAC003072981**
1/8-1/4 **MILPITAS, CA 95035**
0.198 mi.
1044 ft. **Site 3 of 5 in cluster I**

Relative: **Higher**
Actual: **32 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2020-06-30 00:00:00.0
Handler Name:	MKS INSTRUMENTS INC.	
Handler Address:		1565 BARBER
Handler City,State,Zip:		MILPITAS, CA 95035
EPA ID:		CAC003072981
Contact Name:		PAT CALUITTI
Contact Address:		1565 BARBER LANE
Contact City,State,Zip:		MILPITAS, CA 95035
Contact Telephone:		140-865-8293
Contact Fax:		140-865-8820
Contact Email:		PCALUITTI@SBCI.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2 TECH DRIVE
Mailing City,State,Zip:		ANDOVER, MA 01810
Owner Name:		KEVIN SMITH
Owner Type:		Other
Operator Name:		PAT CALUITTI
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N

MKS INSTRUMENTS INC. (Continued) **1026467613**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-07-10 18:44:54.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEVIN SMITH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2 TECH DRIVE
Owner/Operator City,State,Zip:	ANDOVER, MA 01810
Owner/Operator Telephone:	303-551-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAT CALUITTI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1565 BARBER LANE

MKS INSTRUMENTS INC. (Continued) **1026467613**

Owner/Operator City,State,Zip: MILPITAS, CA 95035
Owner/Operator Telephone: 140-865-8293
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2020-06-30 00:00:00.0
Handler Name: MKS INSTRUMENTS INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 336350
NAICS Description: MOTOR VEHICLE TRANSMISSION AND POWER TRAIN PARTS MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I39 **NUVOSUN INC** **RCRA-SQG** **1000385303**
SE **1565 BARBER LANE** **FINDS** **CAD981978588**
1/8-1/4 **MILPITAS, CA 95035** **ECHO**
0.198 mi.
1044 ft. **Site 4 of 5 in cluster I**

Relative:
Higher

Actual:
32 ft.

RCRA-SQG:
Date Form Received by Agency: 2010-11-30 00:00:00.0
Handler Name: NUVOSUN INC
Handler Address: 1565 BARBER LANE
Handler City,State,Zip: MILPITAS, CA 95035
EPA ID: CAD981978588
Contact Name: ROCKY TAYLOR
Contact Address: 1565 BARBER LANE
Contact City,State,Zip: MILPITAS, CA 95035
Contact Telephone: 831-252-0441
Contact Fax: 408-514-6298
Contact Email: RTAYLOR@NUVOSUN.COM
Contact Title: FACILITIES
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

NUVOSUN INC (Continued) **1000385303**

Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	1565 BARBER LANE
Mailing City,State,Zip:	MILPITAS, CA 95035
Owner Name:	ISTAR FINANCIAL
Owner Type:	Private
Operator Name:	NUVOSUN INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2010-12-21 13:34:28.0

NUVOSUN INC (Continued) **1000385303**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D006
Waste Description:	CADMIUM

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NUVOSUN INC
Legal Status:	Private
Date Became Current:	2010-08-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ISTAR FINANCIAL
Legal Status:	Private
Date Became Current:	1997-10-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE SANSOME ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94104
Owner/Operator Telephone:	415-391-4300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KURT E HANSLER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED

NUVOSUN INC (Continued) **1000385303**

Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1995-06-05 00:00:00.0
Handler Name: DIASONICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2010-11-30 00:00:00.0
Handler Name: NUVOSUN INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 334413
NAICS Description: SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002762644

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

NUVOSUN INC (Continued) **1000385303**

corrective action activities required under RCRA.
STATE MASTER
Registry ID: 110070860938

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000385303
Registry ID:	110070860938
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070860938
Name:	MKS INSTRUMENTS INC.
Address:	1565 BARBER
City,State,Zip:	MILPITAS, CA 95035

I40 **NEWPORT CORPORATION** **RCRA NonGen / NLR** **1026722845**
SE **1565 BARBER LANE** **CAL000459932**
1/8-1/4 **MILPITAS, CA 95035**
0.198 mi.
1044 ft. **Site 5 of 5 in cluster I**

Relative: **Higher**
Actual: **32 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2021-02-08 00:00:00.0
Handler Name:	NEWPORT CORPORATION	
Handler Address:		1565 BARBER LANE
Handler City,State,Zip:		MILPITAS, CA 95035
EPA ID:		CAL000459932
Contact Name:		JOSE RIVERA
Contact Address:		1565 BARBER LANE
Contact City,State,Zip:		MILPITAS, CA 95035
Contact Telephone:		408-980-4300
Contact Fax:		Not reported
Contact Email:		JOSE.RIVERA@MKSINST.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1565 BARBER LANE
Mailing City,State,Zip:		MILPITAS, CA 95035
Owner Name:		NEWPORT CORPORATION
Owner Type:		Other
Operator Name:		JOSE RIVERA
Operator Type:		Other

NEWPORT CORPORATION (Continued) **1026722845**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2021-02-26 18:46:41.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

NEWPORT CORPORATION (Continued) **1026722845**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWPORT CORPORATION
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1791 DEERE AVE
Owner/Operator City,State,Zip:	IRVINE, CA 92606
Owner/Operator Telephone:	949-863-3144
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSE RIVERA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1565 BARBER LANE
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-980-4300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2021-02-08 00:00:00.0
Handler Name: NEWPORT CORPORATION	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	335999
NAICS Description:	ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

J41 **ANALOG DEVICES INC** **CUPA Listings** **S121742559**
SSW **1511 BUCKEYE DR** **N/A**
1/8-1/4 **MILPITAS, CA 95035**
0.211 mi.
1112 ft. **Site 1 of 2 in cluster J**

Relative:
Higher

Actual:
31 ft.

CUPA SANTA CLARA:

Name:	ANALOG DEVICES INC
Address:	1511 BUCKEYE DR
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.40802
Longitude:	-121.915039
Record ID:	PR0400484
Facility ID:	FA0269285

J42 **XICOR INC** **CUPA Listings** **S121472051**
SSW **1511 BUCKEYE DR** **CIWQS** **N/A**
1/8-1/4 **MILPITAS, CA 95035** **CERS**
0.211 mi.
1112 ft. **Site 2 of 2 in cluster J**

Relative:
Higher

Actual:
31 ft.

CUPA SANTA CLARA:

Name:	XICOR INC
Address:	1511 BUCKEYE DR
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	2202
Program Description:	GENERATES < 100 KG/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.408558
Longitude:	-121.915562
Record ID:	PR0370888
Facility ID:	FA0251984

CIWQS:

Name:	XICOR INC
Address:	1511 BUCKEYE DR
City,State,Zip:	MILPITAS, CA 95035
Agency:	Xicor Inc
Agency Address:	1511 Buckeye Dr, Milpitas, CA 95035
Place/Project Type:	Industrial - Semiconductors and Related Devices
SIC/NAICS:	3674
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 43I006622
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/30/1992
Termination Date:	01/06/2003
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported

XICOR INC (Continued) **S121472051**

Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.40882
Longitude:	-121.91557

CERS:

Name:	ANALOG DEVICES INC.
Address:	1511 BUCKEYE DR
City,State,Zip:	MILPITAS, CA 95035
Site ID:	566100
CERS ID:	10134529
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	566100
Site Name:	Analog Devices Inc.
Violation Date:	10-04-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 12/09/2016.
Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-04-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Enforcement Action:

Site ID:	566100
Site Name:	Analog Devices Inc.
Site Address:	1511 BUCKEYE DR
Site City:	MILPITAS
Site Zip:	95035
Enf Action Date:	10-04-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Milpitas City Fire Department
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Coordinates:

Site ID:	566100
Facility Name:	Analog Devices Inc.

XICOR INC (Continued) **S121472051**

Env Int Type Code: HMBP
Program ID: 10134529
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.408195
Longitude: -121.916054

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400

Affiliation Type Desc: Parent Corporation
Entity Name: ANALOG DEVICES
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Analog Devices Inc.
Entity Title: Not reported
Affiliation Address: 1630 McCarthy Blvd.
Affiliation City: Milpitas
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95035
Affiliation Phone: (408) 432-1900

Affiliation Type Desc: Environmental Contact
Entity Name: Janet Burggraf
Entity Title: Not reported
Affiliation Address: 1630 McCarthy Boulevard
Affiliation City: Milpitas
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95035
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Analog Devices Inc.
Entity Title: Not reported
Affiliation Address: 1630 McCarthy Blvd.
Affiliation City: MILPITAS
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95035
Affiliation Phone: (408) 432-1900

XICOR INC (Continued) **S121472051**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1630 McCarthy Blvd.
Affiliation City:	MILPITAS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95035
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Janet Burggraf
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	David E. Smith
Entity Title:	Sr. Director Facilities
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Analog Devices Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 432-1900

K43 **SHIELA NANGPI** **RCRA NonGen / NLR** **1025858060**
ESE **1375 STARLITE DR** **CAC003038555**
1/8-1/4 **MILPITAS, CA 95035**
0.219 mi.
1155 ft. **Site 1 of 2 in cluster K**

Relative: **Higher**
Actual: **33 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2019-10-14 00:00:00.0
Handler Name:	SHIELA NANGPI	
Handler Address:		1375 STARLITE DR
Handler City,State,Zip:		MILPITAS, CA 95035
EPA ID:		CAC003038555
Contact Name:		SHIELA NANGPI
Contact Address:		1375 STARLITE DR
Contact City,State,Zip:		MILPITAS, CA 95035
Contact Telephone:		408-206-2896
Contact Fax:		Not reported

SHIELA NANGPI (Continued) **1025858060**

Contact Email:	MELISA@ENV-REM.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1375 STARLITE DR
Mailing City,State,Zip:	MILPITAS, CA 95035
Owner Name:	SHIELA NANGPI
Owner Type:	Other
Operator Name:	SHIELA NANGPI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

SHIELA NANGPI (Continued) **1025858060**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-10-21 14:11:29.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SHIELA NANGPI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1375 STARLITE DR
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-206-2896
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SHIELA NANGPI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1375 STARLITE DR
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-206-2896
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-10-14 00:00:00.0
Handler Name: SHIELA NANGPI	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SHIELA NANGPI (Continued) **1025858060**

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K44 **SHIELA NANGPI** **RCRA NonGen / NLR** **1025858049**
ESE **1375 STARLITE DR** **CAC003038544**
1/8-1/4 **MILPITAS, CA 95035**
0.219 mi.
1155 ft. **Site 2 of 2 in cluster K**

Relative: **Higher**
Actual: **33 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2019-10-14 00:00:00.0
Handler Name:	SHIELA NANGPI	
Handler Address:		1375 STARLITE DR
Handler City,State,Zip:		MILPITAS, CA 95035
EPA ID:		CAC003038544
Contact Name:		SHIELA NANGPI
Contact Address:		1375 STARLITE DR
Contact City,State,Zip:		MILPITAS, CA 95035
Contact Telephone:		408-206-2896
Contact Fax:		Not reported
Contact Email:		MELISA@ENV-REM.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1375 STARLITE DR
Mailing City,State,Zip:		MILPITAS, CA 95035
Owner Name:		SHIELA NANGPI
Owner Type:		Other
Operator Name:		SHIELA NANGPI
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No

SHIELA NANGPI (Continued) **1025858049**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-10-21 14:11:29.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SHIELA NANGPI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1375 STARLITE DR
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-206-2896
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SHIELA NANGPI (Continued) **1025858049**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SHIELA NANGPI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1375 STARLITE DR
Owner/Operator City,State,Zip: MILPITAS, CA 95035
Owner/Operator Telephone: 408-206-2896
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2019-10-14 00:00:00.0
Handler Name: SHIELA NANGPI
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L45 **OMNICELL, INC.** **CUPA Listings** **S121784450**
SW **725 SYCAMORE DR** **CERS** **N/A**
1/8-1/4 **MILPITAS, CA 95035**
0.238 mi.
1255 ft. **Site 1 of 13 in cluster L**

Relative:
Lower

Actual:
28 ft.

CUPA SANTA CLARA:
Name: OMNICELL
Address: 725 SYCAMORE DR
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: Not reported
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZMAT BUSINESS PLAN PROGRAM
Latitude: 37.408801
Longitude: -121.917287
Record ID: PR0431771

OMNICELL, INC. (Continued) **S121784450**

Facility ID: FA0287906

CERS:
Name: OMNICELL, INC.
Address: 725 SYCAMORE DR
City,State,Zip: MILPITAS, CA 95035
Site ID: 433968
CERS ID: 10756573
CERS Description: Chemical Storage Facilities

Coordinates:
Site ID: 433968
Facility Name: Omnicell, Inc.
Env Int Type Code: HMBP
Program ID: 10756573
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.409520
Longitude: -121.917330

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Stephanie Mueller
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 725 Sycamore Dr
Affiliation City: Milpitas
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95035
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Nearon Enterprises
Entity Title: Not reported
Affiliation Address: 101 Ygancio Valley Road
Affiliation City: Walnut Creek
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94596
Affiliation Phone: (925) 208-8080

Affiliation Type Desc: Environmental Contact
Entity Name: Kevin Swenson
Entity Title: Not reported
Affiliation Address: 590 E. Middlefield Road
Affiliation City: Mt. View
Affiliation State: CA

OMNICELL, INC. (Continued) **S121784450**

Affiliation Country:	Not reported
Affiliation Zip:	94043
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Stephanie Mueller
Entity Title:	Stephanie Mueller
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Omnicell, Inc.
Entity Title:	Not reported
Affiliation Address:	590 E. Middlefield Road
Affiliation City:	Mt. View
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94043
Affiliation Phone:	(650) 251-6000
Affiliation Type Desc:	Parent Corporation
Entity Name:	Omnicell, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400
Affiliation Type Desc:	Operator
Entity Name:	Omnicell, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(605) 251-6000

L46 **AMO MANUFACTURING USA LLC** **CUPA Listings** **S121777816**
SW **715 SYCAMORE DR** **N/A**
1/8-1/4 **MILPITAS, CA 95035**
0.238 mi.
1255 ft. **Site 2 of 13 in cluster L**

Relative: CUPA SANTA CLARA:
Lower

Name:	AMO MANUFACTURING USA LLC
Address:	715 SYCAMORE DR
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.409253
Longitude:	-121.916809
Record ID:	PR0432603
Facility ID:	FA0283547

Actual:
28 ft.

L47 **IA 112911 CISCO SYSTEMS INC-BLDG II** **CUPA Listings** **S121474279**
SW **755 SYCAMORE DR** **N/A**
1/8-1/4 **MILPITAS, CA 95035**
0.238 mi.
1255 ft. **Site 3 of 13 in cluster L**

Relative: CUPA SANTA CLARA:
Lower

Name:	IA 112911 CISCO SYSTEMS INC-BLDG II
Address:	755 SYCAMORE DR
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	2202
Program Description:	GENERATES < 100 KG/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.408235
Longitude:	-121.918041
Record ID:	PR0391060
Facility ID:	FA0265099

Actual:
28 ft.

L48 **QUANTUM CORP-SYCAMORE** **CUPA Listings** **S121468807**
SW **715 SYCAMORE ST 11** **N/A**
1/8-1/4 **MILPITAS, CA 95035**
0.238 mi.
1255 ft. **Site 4 of 13 in cluster L**

Relative: CUPA SANTA CLARA:
Lower

Name:	QUANTUM CORP-SYCAMORE
Address:	715 SYCAMORE ST 11
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.408789
Longitude:	-121.916687
Record ID:	PR0314284
Facility ID:	FA0202849

Actual:
28 ft.

L49 **CISCO SYSTEMS INC SITE SYC** **CUPA Listings** **S108744581**
SW **755 SYCAMORE DRIVE** **NPDES** **N/A**
1/8-1/4 **MILPITAS, CA 95035** **CIWQS**
0.238 mi. **CERS**
1255 ft. **Site 5 of 13 in cluster L**

Relative: **Lower**
Actual: **28 ft.**

CUPA SANTA CLARA:

Name:	CISCO SYSTEMS INC-BLDG SYC-02
Address:	755 SYCAMORE DR
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	2011
Program Description:	APSA FACILITY-SPCC TEMPLATE (<10,000 GAL CAP)
Program Identifier:	DEH PERMIT-ABOVEGROUND PETROLEUM STORAGE ACT PROGRAM
Latitude:	37.408235
Longitude:	-121.918041
Record ID:	PR0400905
Facility ID:	FA0258583

Name:	CISCO SYSTEMS INC-BLDG SYC-02
Address:	755 SYCAMORE DR
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.408235
Longitude:	-121.918041
Record ID:	PR0384988
Facility ID:	FA0258583

Name:	CISCO SYSTEMS INC-BLDG SYC-02
Address:	755 SYCAMORE DR
City,State,Zip:	MILPITAS, CA 95035
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.408235
Longitude:	-121.918041
Record ID:	PR0378719
Facility ID:	FA0258583

NPDES:

Name:	CISCO SYSTEMS INC SITE SYC
Address:	755 SYCAMORE DRIVE
City,State,Zip:	MILPITAS, CA 95035
Facility Status:	Active
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	463129
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 43NEC001555
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/19/2015

CISCO SYSTEMS INC SITE SYC (Continued) **S108744581**

Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	170 West Tasman Drive
Discharge Name:	Cisco Systems Inc
Discharge City:	San Jose
Discharge State:	California
Discharge Zip:	95134
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	463129
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 43NEC001555
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	09/30/2015
Processed Date:	11/19/2015
Status:	Active
Status Date:	11/19/2015
Place Size:	4.4
Place Size Unit:	Acres
Contact:	Sneha Jagtap
Contact Title:	EHS Manager
Contact Phone:	408-526-4075
Contact Phone Ext:	Not reported
Contact Email:	snjagtap@cisco.com
Operator Name:	Cisco Systems Inc
Operator Address:	170 West Tasman Drive
Operator City:	San Jose
Operator State:	California
Operator Zip:	95134
Operator Contact:	Sneha Jagtap
Operator Contact Title:	Not reported
Operator Contact Phone:	402-526-4075
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	snjagtap@cisco.com
Operator Type:	Private Business
Developer:	Not reported

CISCO SYSTEMS INC SITE SYC (Continued) **S108744581**

Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Sneha Jagtap
Certifier Title:	EHS Manager
Certification Date:	29-SEP-16
Primary Sic:	3577-Computer Peripheral Equipment, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	463129
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43NEC001555
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/19/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Cisco Systems Inc
Discharge Address:	170 West Tasman Drive
Discharge City:	San Jose
Discharge State:	California
Discharge Zip:	95134
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported

CISCO SYSTEMS INC SITE SYC (Continued) **S108744581**

Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	CISCO SYSTEMS INC SITE SYC
Address:	755 SYCAMORE DRIVE
City,State,Zip:	MILPITAS, CA 95035

CISCO SYSTEMS INC SITE SYC (Continued) **S108744581**

Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 43NEC001555
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	11/19/2015
Operator Name:	Cisco Systems Inc
Operator Address:	170 West Tasman Drive
Operator City:	San Jose
Operator State:	California
Operator Zip:	95134

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	463129
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 43NEC001555
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	09/30/2015
Processed Date:	11/19/2015
Status:	Active
Status Date:	11/19/2015
Place Size:	4.4
Place Size Unit:	Acres
Contact:	Sneha Jagtap
Contact Title:	EHS Manager
Contact Phone:	408-526-4075
Contact Phone Ext:	Not reported
Contact Email:	snjagtap@cisco.com

CISCO SYSTEMS INC SITE SYC (Continued) **S108744581**

Operator Name:	Cisco Systems Inc
Operator Address:	170 West Tasman Drive
Operator City:	San Jose
Operator State:	California
Operator Zip:	95134
Operator Contact:	Sneha Jagtap
Operator Contact Title:	Not reported
Operator Contact Phone:	402-526-4075
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	snjagtap@cisco.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Sneha Jagtap
Certifier Title:	EHS Manager
Certification Date:	29-SEP-16
Primary Sic:	3577-Computer Peripheral Equipment, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	463129
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43NEC001555
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported

CISCO SYSTEMS INC SITE SYC (Continued) **S108744581**

Effective Date Of Regulatory Measure:	11/19/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Cisco Systems Inc
Discharge Address:	170 West Tasman Drive
Discharge City:	San Jose
Discharge State:	California
Discharge Zip:	95134
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported

CISCO SYSTEMS INC SITE SYC (Continued) **S108744581**

Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	CISCO SYSTEMS INC SITE SYC
Address:	755 SYCAMORE DRIVE
City,State,Zip:	MILPITAS, CA 95035
Agency:	Cisco Systems Inc
Agency Address:	170 West Tasman Drive Mail Stop Bldg O Floor 2, San Jose, CA 95134
Place/Project Type:	Industrial - Computer Peripheral Equipment, NEC
SIC/NAICS:	3577
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 43NEC001555
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	11/19/2015
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.41001
Longitude:	-121.91757

CERS:

Name:	CISCO SYSTEMS INC SITE SYC
Address:	755 SYCAMORE DRIVE
City,State,Zip:	MILPITAS, CA 95035
Site ID:	529271
CERS ID:	840388
CERS Description:	Industrial Facility Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Cisco Systems Inc
Entity Title:	Operator
Affiliation Address:	170 West Tasman DriveMail Stop Bldg O Floor 2
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95134
Affiliation Phone:	Not reported

L50 **CISCO SYSTEMS INC -SYC2** **CERS HAZ WASTE** **S121772181**
SW **755 SYCAMORE DR** **CERS TANKS** **N/A**
1/8-1/4 **MILPITAS, CA 95035** **HAZNET**
0.238 mi. **CERS**
1255 ft. **Site 6 of 13 in cluster L** **HWTS**

Relative: Lower

Actual: 28 ft.

CERS HAZ WASTE:
Name: CISCO SYSTEMS INC -SYC2
Address: 755 SYCAMORE DR
City,State,Zip: MILPITAS, CA 95035
Site ID: 390011
CERS ID: 10090891
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: CISCO SYSTEMS INC -SYC2
Address: 755 SYCAMORE DR
City,State,Zip: MILPITAS, CA 95035
Site ID: 390011
CERS ID: 10090891
CERS Description: Aboveground Petroleum Storage

HAZNET:
Name: CISCO SYSTEMS INC- SYCAMORE II
Address: 755 SYCAMORE DR
Address 2: Not reported
City,State,Zip: MILPITAS, CA 951341720
Contact: SNEHA JAGTAP
Telephone: 4085262075
Mailing Name: Not reported
Mailing Address: 3550 CISCO WAY

Year: 2019
Gepaid: CAL000223151
TSD EPA ID: UTD981552177
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.00450

Year: 2018
Gepaid: CAL000223151
TSD EPA ID: CAD059494310
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00750

Year: 2018
Gepaid: CAL000223151
TSD EPA ID: NED981723513
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00550

Year: 2017
Gepaid: CAL000223151
TSD EPA ID: UTD981552177

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.037

Year: 2017
Gepaid: CAL000223151
TSD EPA ID: CAD059494310
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.003

Year: 2017
Gepaid: CAL000223151
TSD EPA ID: CAD059494310
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.009

Year: 2016
Gepaid: CAL000223151
TSD EPA ID: CAD059494310
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0195

Year: 2016
Gepaid: CAL000223151
TSD EPA ID: UTD981552177
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.004

Year: 2015
Gepaid: CAL000223151
TSD EPA ID: ARD069748192
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.0525

Year: 2014
Gepaid: CAL000223151
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.105

Click this hyperlink while viewing on your computer to access
16 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2014

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Gen EPA ID:	CAL000223151
Shipment Date:	20141107
Creation Date:	1/15/2015 22:14:55
Receipt Date:	20141112
Manifest ID:	012769262JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141008
Creation Date:	3/31/2015 22:15:12
Receipt Date:	20141022
Manifest ID:	007564393FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141008
Creation Date:	3/31/2015 22:15:12
Receipt Date:	20141022
Manifest ID:	007564393FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D018
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAL000223151
Shipment Date:	20051202
Creation Date:	3/22/2006 18:30:36
Receipt Date:	20051208
Manifest ID:	24675411
Trans EPA ID:	CAR000162263
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050706
Creation Date:	10/11/2005 18:32:36
Receipt Date:	20050706
Manifest ID:	24538537
Trans EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
TSDF Alt EPA ID:	CAD009452657

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.0875
Waste Quantity: 175
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050706
Creation Date: 10/11/2005 18:32:36
Receipt Date: 20050706
Manifest ID: 24538537
Trans EPA ID: CAD009452657
Trans Name: ROMIC ENVIRONMENTAL TECH
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD009452657
Trans Name: ROMIC ENVIRONMENTAL TECH
TSDF Alt EPA ID: CAD009452657
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.0035
Waste Quantity: 7
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2009
Gen EPA ID: CAL000223151

Shipment Date: 20091203
Creation Date: 2/3/2010 18:31:03
Receipt Date: 20091210
Manifest ID: 002084491JJK
Trans EPA ID: CAR000152785
Trans Name: CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID: CAR000172478
Trans 2 Name: ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Quantity Tons:	0.0336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000223151
Shipment Date:	20150311
Creation Date:	8/18/2015 22:15:10
Receipt Date:	20150402
Manifest ID:	008336807FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS INC
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0525
Waste Quantity:	105
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000223151
Shipment Date:	20071126
Creation Date:	2/29/2008 18:30:45
Receipt Date:	20071127
Manifest ID:	000935012FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2016
Gen EPA ID: CAL000223151

Shipment Date: 20150311
Creation Date: 8/18/2015 22:15:10
Receipt Date: 20150402
Manifest ID: 008336807FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: NJD986607380
Trans 2 Name: MAUMEE EXPRESS INC
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0525
Waste Quantity: 105
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2012
Gen EPA ID: CAL000223151

Shipment Date: 20121114
Creation Date: 3/1/2013 22:15:08
Receipt Date: 20121116
Manifest ID: 005574987FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVC
TSDF EPA ID: CAD059494310
Trans Name: CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120413
Creation Date:	8/3/2012 22:15:13
Receipt Date:	20120417
Manifest ID:	005221279FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000223151
Shipment Date:	20131211
Creation Date:	5/20/2014 22:14:51
Receipt Date:	20131218
Manifest ID:	006769088FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.009
Waste Quantity:	18

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130612
Creation Date:	10/17/2013 22:15:18
Receipt Date:	20130624
Manifest ID:	006600808FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAL000223151
Shipment Date:	20081010
Creation Date:	1/14/2009 18:30:08
Receipt Date:	20081023
Manifest ID:	002075398FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.028
Waste Quantity:	56
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080417
Creation Date:	6/9/2008 18:30:08
Receipt Date:	20080423
Manifest ID:	001837099FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080118
Creation Date:	5/22/2008 18:30:15
Receipt Date:	20080129
Manifest ID:	002084180JJK
Trans EPA ID:	CAR000152785
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.0336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAL000223151

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Shipment Date:	20030530
Creation Date:	7/20/2004 12:52:02
Receipt Date:	20030618
Manifest ID:	22414235
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	CAR000088732
Trans 2 Name:	Not reported
TSDF EPA ID:	IND000646943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAL000223151

Shipment Date:	20061201
Creation Date:	3/30/2007 13:34:23
Receipt Date:	20061205
Manifest ID:	000880785JJK
Trans EPA ID:	CAR000162263
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H081 - Biological Treatment With Or Without Precitation
Quantity Tons:	0.0504
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000223151

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Shipment Date:	20171011
Creation Date:	6/20/2018 18:31:51
Receipt Date:	20171018
Manifest ID:	010540425FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170419
Creation Date:	7/19/2018 18:30:11
Receipt Date:	20170428
Manifest ID:	010542116FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	TSMT
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170419
Creation Date:	7/19/2018 18:30:11
Receipt Date:	20170428
Manifest ID:	010542116FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	TSMT

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D018
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0345
Waste Quantity:	69
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170419
Creation Date:	5/9/2018 18:32:31
Receipt Date:	20170425
Manifest ID:	010542115FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.009
Waste Quantity:	18
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000223151
Shipment Date:	20100910
Creation Date:	12/3/2010 18:31:04
Receipt Date:	20100914
Manifest ID:	003966158FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.045
Waste Quantity:	90
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100409
Creation Date:	7/20/2010 18:30:31
Receipt Date:	20100414
Manifest ID:	002960525FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	CISCO SYSTEMS INC -SYC2
Address:	755 SYCAMORE DR
City,State,Zip:	MILPITAS, CA 95035
Site ID:	390011
CERS ID:	10090891
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	390011
Site Name:	Cisco Systems INC -SYC2
Violation Date:	05-19-2014
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide training regarding: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan.

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Violation Notes:	Returned to compliance on 05/20/2014.
Violation Division:	Milpitas City Fire Department
Violation Program:	APSA
Violation Source:	CERS
Site ID:	390011
Site Name:	Cisco Systems INC -SYC2
Violation Date:	05-19-2014
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to test liquid level sensing devices to ensure proper operation.
Violation Notes:	Returned to compliance on 10/27/2014.
Violation Division:	Milpitas City Fire Department
Violation Program:	APSA
Violation Source:	CERS
Site ID:	390011
Site Name:	Cisco Systems INC -SYC2
Violation Date:	05-19-2014
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to include inspections of tank supports/foundation, deterioration, discharges and/or accumulations of oil inside diked areas, and comparison records in the records of inspections (or customary business records).
Violation Notes:	Returned to compliance on 05/20/2014.
Violation Division:	Milpitas City Fire Department
Violation Program:	APSA
Violation Source:	CERS
Site ID:	390011
Site Name:	Cisco Systems INC -SYC2
Violation Date:	09-07-2016
Citation:	HSC 6.67 25270.4.5(a); - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a);
Violation Description:	Failure to regularly inspect aboveground valves, piping, and appurtenances.
Violation Notes:	Not reported
Violation Division:	Milpitas City Fire Department
Violation Program:	APSA
Violation Source:	CERS
Site ID:	390011
Site Name:	Cisco Systems INC -SYC2
Violation Date:	09-07-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Not reported
Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Site ID: 390011
Site Name: Cisco Systems INC -SYC2
Violation Date: 05-19-2014
Citation: 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes: Returned to compliance on 06/19/2014.
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 390011
Site Name: Cisco Systems INC -SYC2
Violation Date: 05-19-2014
Citation: HSC 6.95 25503.5(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25503.5(a)
Violation Description: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 06/30/2014.
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 390011
Site Name: Cisco Systems INC -SYC2
Violation Date: 05-19-2014
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to maintain SPCC plan onsite (applies if facility is manned at least four (4) hours per day).
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: APSA
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-06-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility collects and manages sharps but no longer generates hazardous waste. Permit will be inactivated.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-19-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual Facility Review --
Eval Division: Milpitas City Fire Department

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-19-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual Facility Review --
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-30-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspection is a follow up to the routine inspection dated 05/19/2014. All violations observed during that inspection were not corrected.
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual Facility Review --
Eval Division: Milpitas City Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual Facility Review --
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 390011
Site Name: Cisco Systems INC -SYC2
Site Address: 755 SYCAMORE DR
Site City: MILPITAS
Site Zip: 95035
Enf Action Date: 05-19-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Milpitas City Fire Department
Enf Action Program: APSA
Enf Action Source: CERS

Site ID: 390011
Site Name: Cisco Systems INC -SYC2
Site Address: 755 SYCAMORE DR

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Site City:	MILPITAS
Site Zip:	95035
Enf Action Date:	05-19-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Milpitas City Fire Department
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Site ID:	390011
Site Name:	Cisco Systems INC -SYC2
Site Address:	755 SYCAMORE DR
Site City:	MILPITAS
Site Zip:	95035
Enf Action Date:	09-07-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Milpitas City Fire Department
Enf Action Program:	APSA
Enf Action Source:	CERS

Site ID:	390011
Site Name:	Cisco Systems INC -SYC2
Site Address:	755 SYCAMORE DR
Site City:	MILPITAS
Site Zip:	95035
Enf Action Date:	09-07-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Milpitas City Fire Department
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Coordinates:

Site ID:	390011
Facility Name:	Cisco Systems INC -SYC2
Env Int Type Code:	APSA
Program ID:	10090891
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	37.408900
Longitude:	-121.918770

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	170 West Tasman Dr. M/S SJC-O/2
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95134
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Sneha Jagtap
Entity Title:	EHS Program Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Cisco Systems, Inc.
Entity Title:	Not reported
Affiliation Address:	170 West Tasman Dr. M/S SJC-O/2
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95134
Affiliation Phone:	(408) 526-4000

Affiliation Type Desc:	Operator
Entity Name:	Cisco Systems, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 526-4000

Affiliation Type Desc:	Parent Corporation
Entity Name:	Cisco Systems, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Marisa Wong/ERM-West, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Cisco Systems Inc
Entity Title: Not reported
Affiliation Address: 170 W. TASMAN DR
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95134
Affiliation Phone: (408) 526-4000

Affiliation Type Desc: Environmental Contact
Entity Name: Sneha Jagtap
Entity Title: Not reported
Affiliation Address: 3550 Cisco Way Building 19
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95134
Affiliation Phone: Not reported

HWTS:
Name: CISCO SYSTEMS INC- SYCAMORE II
Address: 755 SYCAMORE DR
Address 2: Not reported
City,State,Zip: MILPITAS, CA 950350000
EPA ID: CAL000223151
Inactive Date: Not reported
Create Date: 01/31/2001
Last Act Date: 07/30/2020
Mailing Name: Not reported
Mailing Address: 170 WEST TASMAN DRIVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN JOSE, CA 95134
Owner Name: CISCO
Owner Address: 170 W TASMAN DR
Owner Address 2: Not reported
Owner City,State,Zip: SAN JOSE, CA 951341700
Contact Name: SNEHA JAGTAP
Contact Address: 170 WEST TASMAN DRIVE
Contact Address 2: 3550 CISCO WAY
City,State,Zip: SAN JOSE, CA 95134

NAICS:
EPA ID: CAL000223151
Create Date: 2009-10-08 16:07:30.863
NAICS Code: 334418
NAICS Description: Printed Circuit Assembly (Electronic Assembly) Manufacturing
Issued EPA ID Date: 2001-01-31 00:00:00
Inactive Date: Not reported
Facility Name: CISCO SYSTEMS INC- SYCAMORE II
Facility Address: 755 SYCAMORE DR
Facility Address 2: Not reported
Facility City: MILPITAS

CISCO SYSTEMS INC -SYC2 (Continued) **S121772181**

Facility County:	Not reported
Facility State:	CA
Facility Zip:	950350000
EPA ID:	CAL000223151
Create Date:	2008-03-20 15:51:28.017
NAICS Code:	334613
NAICS Description:	Magnetic and Optical Recording Media Manufacturing
Issued EPA ID Date:	2001-01-31 00:00:00
Inactive Date:	Not reported
Facility Name:	CISCO SYSTEMS INC- SYCAMORE II
Facility Address:	755 SYCAMORE DR
Facility Address 2:	Not reported
Facility City:	MILPITAS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	950350000

L51 **CISCO SYSTEMS INC -SYC2** **AST** **A100418745**
SW **755 SYCAMORE DR** **N/A**
1/8-1/4 **MILPITAS, CA 95035**
0.238 mi.
1255 ft. **Site 7 of 13 in cluster L**

Relative: **Lower**

Actual: **28 ft.**

AST:

Name:	CISCO SYSTEMS INC -SYC2
Address:	755 SYCAMORE DR
City/Zip:	MILPITAS,95035
Certified Unified Program Agencies:	Not reported
Owner:	Cisco Systems, Inc.
Total Gallons:	Not reported
CERSID:	10090891
Facility ID:	43-011-000507
Business Name:	Cisco Systems, Inc.
Phone:	408-526-4000
Fax:	Not reported
Mailing Address:	170 West Tasman Dr. M/S SJC-O/2
Mailing Address City:	SAN JOSE
Mailing Address State:	CA
Mailing Address Zip Code:	95134
Operator Name:	Cisco Systems, Inc.
Operator Phone:	408-526-4000
Owner Phone:	408-526-4000
Owner Mail Address:	170 West Tasman Dr. M/S SJC-O/2
Owner State:	CA
Owner Zip Code:	95134
Owner Country:	United States
Property Owner Name:	Cisco Systems Inc
Property Owner Phone:	(408) 526-4000
Property Owner Mailing Address:	170 W. TASMAN DR
Property Owner City:	San Jose
Property Owner Stat :	CA
Property Owner Zip Code:	95134
Property Owner Country:	United States
EPAID:	CAL000223151

L52 **OMNICELL** **RCRA NonGen / NLR** **1025875255**
SW **725 SYCAMORE DR** **CAL000448388**
1/8-1/4 **MILPITAS, CA 95035**
0.238 mi.
1255 ft. **Site 8 of 13 in cluster L**

Relative: **Lower**

Actual: **28 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2019-08-23 00:00:00.0
Handler Name:	OMNICELL	
Handler Address:		725 SYCAMORE DR
Handler City,State,Zip:		MILPITAS, CA 95035
EPA ID:		CAL000448388
Contact Name:		MANUEL MARQUEZ
Contact Address:		725 SYCAMORE DR
Contact City,State,Zip:		MILPITAS, CA 95035
Contact Telephone:		408-907-8264
Contact Fax:		Not reported
Contact Email:		MANUEL.MARQUEZ@OMNICELL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		725 SYCAMORE DR
Mailing City,State,Zip:		MILPITAS, CA 95035
Owner Name:		RANDALL LIPPS CHRMN PRES CEO
Owner Type:		Other
Operator Name:		MANUEL MARQUEZ
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

OMNICELL (Continued) **1025875255**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-09-10 12:41:07.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MANUEL MARQUEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 SYCAMORE DR
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-907-8264
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RANDALL LIPPS CHRMN PRES CEO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	590 E MIDDLEFIELD RD
Owner/Operator City,State,Zip:	MOUNTAIN VIEW, CA 94043
Owner/Operator Telephone:	650-251-6131
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

OMNICELL (Continued) **1025875255**

Historic Generators:
Receive Date: 2019-08-23 00:00:00.0
Handler Name: OMNICELL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 446199
NAICS Description: ALL OTHER HEALTH AND PERSONAL CARE STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L53 **CISCO** **AST** **A100339461**
SW **755 SYCAMORE DR** **N/A**
1/8-1/4 **MILPITAS, CA**
0.238 mi.
1255 ft. **Site 9 of 13 in cluster L**

Relative: **Lower**
Actual: **28 ft.**

AST:
Name: CISCO
Address: 755 SYCAMORE DR
City/Zip: MILPITAS,
Certified Unified Program Agencies: Santa Clara County
Owner: Cisco
Total Gallons: 3,025
CERSID: Not reported
Facility ID: Not reported
Business Name: Not reported
Phone: Not reported
Fax: Not reported
Mailing Address: Not reported
Mailing Address City: Not reported
Mailing Address State: Not reported
Mailing Address Zip Code: Not reported
Operator Name: Not reported
Operator Phone: Not reported
Owner Phone: Not reported
Owner Mail Address: Not reported
Owner State: Not reported
Owner Zip Code: Not reported
Owner Country: Not reported
Property Owner Name: Not reported
Property Owner Phone: Not reported

CISCO (Continued) **A100339461**

Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

L54 **ATARI INC** **RCRA-SQG** **1000358113**
SW **715 SYCAMORE DR** **FINDS** **CAD980798326**
1/8-1/4 **MILPITAS, CA 95035** **ECHO**
0.238 mi.
1255 ft. **Site 10 of 13 in cluster L**

Relative: **Lower**
Actual: **28 ft.**

RCRA-SQG:

Date Form Received by Agency:		1996-09-01 00:00:00.0
Handler Name:	ATARI INC	
Handler Address:		715 SYCAMORE DR
Handler City,State,Zip:		MILPITAS, CA 95035
EPA ID:		CAD980798326
Contact Name:		Not reported
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		1265 BORREGAS AVENUE
Mailing City,State,Zip:		SUNNYVALE, CA 94086
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---

ATARI INC (Continued) **1000358113**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:22:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported

ATARI INC (Continued) **1000358113**

Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-09-01 00:00:00.0
Handler Name: ATARI INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1981-11-10 00:00:00.0
Handler Name: ATARI INC	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID:	110009533308

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

ATARI INC (Continued) **1000358113**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000358113
Registry ID:	110009533308
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009533308
Name:	QUANTUM CORPORATION
Address:	715 SYCAMORE DRIVE
City,State,Zip:	MILPITAS, CA 95035

L55 **AMO SALES AND SERVICES INC** **RCRA NonGen / NLR** **1024858523**
SW **715 SYCAMORE DR** **CAL000424725**
1/8-1/4 **MILPITAS, CA 95035**
0.238 mi.
1255 ft. **Site 11 of 13 in cluster L**

Relative: **Lower**

Actual: **28 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2017-02-07 00:00:00.0
Handler Name:	AMO SALES AND SERVICES INC
Handler Address:	715 SYCAMORE DR
Handler City,State,Zip:	MILPITAS, CA 95035
EPA ID:	CAL000424725
Contact Name:	SCOTT HARRIS
Contact Address:	510 COTTONWOOD DRIVE
Contact City,State,Zip:	MILPITAS, CA 95035
Contact Telephone:	408-273-4100
Contact Fax:	Not reported
Contact Email:	ROSEL.MATEO@ABBOTT.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	510 COTTONWOOD DR
Mailing City,State,Zip:	MILPITAS, CA 95035
Owner Name:	ABBOTT MEDICAL OPTICS INC
Owner Type:	Other
Operator Name:	SCOTT HARRIS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

AMO SALES AND SERVICES INC (Continued) **1024858523**

Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:35:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SCOTT HARRIS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	510 COTTONWOOD DRIVE
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-273-4100
Owner/Operator Telephone Ext:	Not reported

AMO SALES AND SERVICES INC (Continued) **1024858523**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ABBOTT MEDICAL OPTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1700 E SAINT ANDREWS PLACE
Owner/Operator City,State,Zip: SANTA ANA, CA 92705
Owner/Operator Telephone: 714-247-8200
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2017-02-07 00:00:00.0
Handler Name: AMO SALES AND SERVICES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 621493
NAICS Description: FREESTANDING AMBULATORY SURGICAL AND EMERGENCY CENTERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L56 **CISCO SYSTEMS INC- SYCAMORE II** **RCRA NonGen / NLR** **1024800892**
SW **755 SYCAMORE DR** **CAL000223151**
1/8-1/4 **MILPITAS, CA 95035**
0.238 mi.
1255 ft. **Site 12 of 13 in cluster L**

Relative: **Lower**
Actual: **28 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2001-01-31 00:00:00.0
Handler Name: CISCO SYSTEMS INC- SYCAMORE II
Handler Address: 755 SYCAMORE DR
Handler City,State,Zip: MILPITAS, CA 95035-0000
EPA ID: CAL000223151
Contact Name: SNEHA JAGTAP
Contact Address: 170 WEST TASMAN DRIVE
Contact City,State,Zip: SAN JOSE, CA 95134
Contact Telephone: 408-526-2075

CISCO SYSTEMS INC- SYCAMORE II (Continued) **1024800892**

Contact Fax:	Not reported
Contact Email:	SNJAGTAP@CISCO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	285 WEST TASMAN DR.
Mailing City,State,Zip:	SAN JOSE, CA 95134-1720
Owner Name:	CISCO FARRIS
Owner Type:	Other
Operator Name:	SNEHA JAGTAP
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

CISCO SYSTEMS INC- SYCAMORE II (Continued) **1024800892**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:45:23.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SNEHA JAGTAP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	170 WEST TASMAN DRIVE
Owner/Operator City,State,Zip:	SAN JOSE, CA 95134
Owner/Operator Telephone:	408-526-2075
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CISCO FARRIS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	170 W TASMAN DR
Owner/Operator City,State,Zip:	SAN JOSE, CA 95134-1700
Owner/Operator Telephone:	800-553-6387
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2001-01-31 00:00:00.0
Handler Name:	CISCO SYSTEMS INC- SYCAMORE II
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CISCO SYSTEMS INC- SYCAMORE II (Continued) **1024800892**

List of NAICS Codes and Descriptions:
NAICS Code: 334418
NAICS Description: PRINTED CIRCUIT ASSEMBLY (ELECTRONIC ASSEMBLY) MANUFACTURING

NAICS Code: 334613
NAICS Description: MAGNETIC AND OPTICAL RECORDING MEDIA MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L57 **ATARI GAMES CORP** **CUPA Listings** **S121468810**
SW **735 SYCAMORE DR** **N/A**
1/8-1/4 **MILPITAS, CA 95035**
0.238 mi.
1259 ft. **Site 13 of 13 in cluster L**

Relative: **Lower**
Actual: **28 ft.**

CUPA SANTA CLARA:
Name: ATARI GAMES CORP
Address: 735 SYCAMORE DR
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: 2206
Program Description: GENERATES 5 TO <25 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.408512
Longitude: -121.917364
Record ID: PR0314041
Facility ID: FA0202857

M58 **ACUTE TECHNOLOGIES INC** **CUPA Listings** **S113075523**
SSW **1550 BUCKEYE DR** **HAZNET** **N/A**
1/8-1/4 **MILPITAS, CA 95035** **HWTS**
0.239 mi.
1262 ft. **Site 1 of 3 in cluster M**

Relative: **Higher**
Actual: **32 ft.**

CUPA SANTA CLARA:
Name: ACUTE TECHNOLOGIES INC
Address: 1550 BUCKEYE DR
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: 2206
Program Description: GENERATES 5 TO <25 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.407853
Longitude: -121.914746
Record ID: PR0364062
Facility ID: FA0250834

HAZNET:
Name: ACUTE TECHNOLOGIES INC

ACUTE TECHNOLOGIES INC (Continued) **S113075523**

Address:	1550 BUCKEYE DR
Address 2:	Not reported
City,State,Zip:	MILPITAS, CA 950350000
Contact:	GERALD SOBECK
Telephone:	4084280790
Mailing Name:	Not reported
Mailing Address:	1550 BUCKEYE DR
Year:	1997
Gepaid:	CAL000138330
TSD EPA ID:	CAT080025711
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	1.9
Year:	1996
Gepaid:	CAL000138330
TSD EPA ID:	CAD009452657
CA Waste Code:	352 - Other organic solids
Disposal Method:	R01 - Recycler
Tons:	0.15
Year:	1996
Gepaid:	CAL000138330
TSD EPA ID:	CAD003963592
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	R01 - Recycler
Tons:	0.55

Additional Info:

Year:	1996
Gen EPA ID:	CAL000138330
Shipment Date:	19961202
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961202
Manifest ID:	96351726
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ACUTE TECHNOLOGIES INC (Continued) **S113075523**

Shipment Date:	19960710
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960710
Manifest ID:	96286097
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960710
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960710
Manifest ID:	96286097
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAL000138330

Shipment Date:	19971222
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971223
Manifest ID:	96857994
Trans EPA ID:	CAD983629049

ACUTE TECHNOLOGIES INC (Continued) **S113075523**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.9
Waste Quantity:	500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	ACUTE TECHNOLOGIES INC
Address:	1550 BUCKEYE DR
Address 2:	Not reported
City,State,Zip:	MILPITAS, CA 950350000
EPA ID:	CAL000138330
Inactive Date:	06/30/1998
Create Date:	07/11/1995
Last Act Date:	04/27/1999
Mailing Name:	Not reported
Mailing Address:	1550 BUCKEYE DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MILPITAS, CA 950357418
Owner Name:	CHARLES KIM
Owner Address:	1550 BUCKEYE DR
Owner Address 2:	Not reported
Owner City,State,Zip:	MILPITAS, CA 950357418
Contact Name:	GERALD SOBECK
Contact Address:	INACT PER 98VQ FINAL NOTICE
Contact Address 2:	- BATCH 4/27
City,State,Zip:	MILPITAS, CA 950357418

M59 **NANO METRICS INC** **CERS HAZ WASTE** **S112912918**
SSW **1550 BUCKEYE DR** **CUPA Listings** **N/A**
1/8-1/4 **MILPITAS, CA 95035** **HAZNET**
0.239 mi. **CERS**
1262 ft. **Site 2 of 3 in cluster M** **HWTS**

Relative:
Higher

Actual:
32 ft.

CERS HAZ WASTE:

Name:	ONTO INNOVATION, INC.
Address:	1550 BUCKEYE DR
City,State,Zip:	MILPITAS, CA 95035
Site ID:	137126
CERS ID:	10346323
CERS Description:	Hazardous Waste Generator

CUPA SANTA CLARA:

Name:	ONTO INNOVATION, INC.

NANO METRICS INC (Continued) **S112912918**

Address: 1550 BUCKEYE DR
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.407853
Longitude: -121.914746
Record ID: PR0383291
Facility ID: FA0261377

Name: ONTO INNOVATION, INC.
Address: 1550 BUCKEYE DR
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: Not reported
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.407853
Longitude: -121.914746
Record ID: PR0385043
Facility ID: FA0261377

HAZNET:
Name: NANO METRICS INC
Address: 1550 BUCKEYE DR
Address 2: Not reported
City,State,Zip: MILPITAS, CA 950350000
Contact: CHRIS LUENGO/R B CONSTRUCTION
Telephone: 5106838780
Mailing Name: Not reported
Mailing Address: 1550 BUCKEYE DR

Year: 2006
Gepaid: CAC002330793
TSD EPA ID: CA0000084517
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.084

Year: 2005
Gepaid: CAC002330793
TSD EPA ID: CA0000084517
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.084

Year: 2004
Gepaid: CAC002330793
TSD EPA ID: CA0000084517
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.147

NANO METRICS INC (Continued) **S112912918**

Year: 2003
Gepaid: CAC002330793
TSD EPA ID: CA0000084517
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.2184

Year: 2002
Gepaid: CAC002330793
TSD EPA ID: CA0000084517
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.3528

Year: 2001
Gepaid: CAC002330793
TSD EPA ID: CA0000084517
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.3528

Year: 2001
Gepaid: CAC002330793
TSD EPA ID: CAD028409019
CA Waste Code: 352 - Other organic solids
Disposal Method: H01 - Transfer Station
Tons: 2.5284

Additional Info:
Year: 2004
Gen EPA ID: CAC002330793

Shipment Date: 20040812
Creation Date: 1/4/2005 18:32:14
Receipt Date: 20040817
Manifest ID: 23692361
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CA0000084517
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CA0000084517
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.063
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

NANO METRICS INC (Continued) **S112912918**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040227
Creation Date:	9/10/2004 9:51:11
Receipt Date:	20040302
Manifest ID:	23466120
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAC002330793
Shipment Date:	20031209
Creation Date:	8/12/2004 8:09:46
Receipt Date:	20031212
Manifest ID:	22572611
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0714
Waste Quantity:	17
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031007
Creation Date:	8/3/2004 15:02:31

NANO METRICS INC (Continued) **S112912918**

Receipt Date:	20031010
Manifest ID:	22511709
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030523
Creation Date:	6/23/2004 9:59:25
Receipt Date:	20030530
Manifest ID:	22374782
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAC002330793

Shipment Date:	20021219
Creation Date:	4/1/2003 18:31:07
Receipt Date:	20021227
Manifest ID:	22202166
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

NANO METRICS INC (Continued) **S112912918**

Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021015
Creation Date:	2/18/2003 18:31:24
Receipt Date:	20021022
Manifest ID:	22061695
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0756
Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020603
Creation Date:	7/19/2002 15:57:28
Receipt Date:	20020606
Manifest ID:	21728555
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1218

NANO METRICS INC (Continued) **S112912918**

Waste Quantity:	29
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020117
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20020123
Manifest ID:	21484603
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0924
Waste Quantity:	22
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAC002330793
Shipment Date:	20050531
Creation Date:	8/17/2005 18:33:44
Receipt Date:	20050608
Manifest ID:	24493531
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

NANO METRICS INC (Continued) **S112912918**

Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAC002330793
Shipment Date:	20060309
Creation Date:	7/5/2006 12:04:15
Receipt Date:	20060313
Manifest ID:	23670921
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAC002330793
Shipment Date:	20011108
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011114
Manifest ID:	21311608
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1008
Waste Quantity:	24
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

NANO METRICS INC (Continued) **S112912918**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010409
Creation Date:	6/20/2001 0:00:00
Receipt Date:	20010411
Manifest ID:	20578852
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.252
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010223
Creation Date:	6/20/2001 0:00:00
Receipt Date:	20010308
Manifest ID:	20463070
Trans EPA ID:	CAR000017657
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	2.5284
Waste Quantity:	3
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	ONTO INNOVATION, INC.
Address:	1550 BUCKEYE DR
City,State,Zip:	MILPITAS, CA 95035
Site ID:	137126
CERS ID:	10346323

NANO METRICS INC (Continued) **S112912918**

CERS Description: Chemical Storage Facilities

Violations:

Site ID: 137126
Site Name: Onto Innovation, Inc.
Violation Date: 03-17-2016
Citation: HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description: Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 137126
Site Name: Onto Innovation, Inc.
Violation Date: 05-16-2019
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 05/30/2019. Facility failed to retain the following uniform hazardous waste manifest: All 8-2018 manifests All 2017 manifests with exception of manifests dated 1-16-17, and 7-25-17 2016 manifest dated 8-11-16. REPEAT VIOLATION FROM LAST INSPECTION ON 7-29-15. ESCALATED TO CLASS II VIOLATION.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 137126
Site Name: Onto Innovation, Inc.
Violation Date: 07-31-2017
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 137126
Site Name: Onto Innovation, Inc.
Violation Date: 09-24-2013
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/23/2014.

NANO METRICS INC (Continued) **S112912918**

Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	137126
Site Name:	Onto Innovation, Inc.
Violation Date:	05-16-2019
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 05/30/2019. Facility failed to return a signed notice to comply following last inspection on 7-29-2015 and therefore failed to 1) achieve compliance within 30 days of receiving a copy of the notice to comply, OR 2) failed to return a signed notice to comply within 5 days of achieving compliance. Per Health and Safety Code 25187.8 (b), A facility which receives a notice to comply shall have no more than 30 days from the receipt of the notice to comply to achieve compliance. Within 5 days of achieving compliance, the owner, operator, or employee must sign the notice to comply and return it to the department.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	137126
Site Name:	Onto Innovation, Inc.
Violation Date:	07-29-2015
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Observed significant solder splatter on the floor. Solder splatter and sponges are not being collected and disposed of as hazardous waste. Routinely clean up soldering station to ensure it is free of dross splatter and drippings. Collect and manage as hazardous waste.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	137126
Site Name:	Onto Innovation, Inc.
Violation Date:	03-17-2016
Citation:	HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes:	Not reported
Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	137126
Site Name:	Onto Innovation, Inc.

NANO METRICS INC (Continued) **S112912918**

Violation Date: 07-10-2013
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 137126
Site Name: Onto Innovation, Inc.
Violation Date: 07-13-2016
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 08/30/2016.
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 137126
Site Name: Onto Innovation, Inc.
Violation Date: 03-17-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 137126
Site Name: Onto Innovation, Inc.
Violation Date: 07-31-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 137126
Site Name: Onto Innovation, Inc.
Violation Date: 10-12-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter

NANO METRICS INC (Continued) **S112912918**

6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 12/27/2017.
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 137126
Site Name: Onto Innovation, Inc.
Violation Date: 05-11-2016
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 137126
Site Name: Onto Innovation, Inc.
Violation Date: 07-29-2015
Citation: 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description: Failure to send hazardous waste manifest copies to DTSC.
Violation Notes: Facility has not been sending generator manifest copies to DTSC.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 137126
Site Name: Onto Innovation, Inc.
Violation Date: 07-29-2015
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Facility failed to retain the following uniform hazardous waste manifests: 004399609SKS shipped on 9-18-14 - No generator or TSDF signed manifest
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 137126
Site Name: Onto Innovation, Inc.
Violation Date: 05-16-2019
Citation: 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description: Failure to send a legible copy of each hazardous waste manifest to the

NANO METRICS INC (Continued) **S112912918**

Department within 30 days of each shipment of hazardous waste.
Violation Notes: Returned to compliance on 05/30/2019. Facility has not been sending generator manifest copies to DTSC as evidenced by a review of state's Hazardous Waste Tracking System which fails to show a "Generator" copy. REPEAT VIOLATION FROM LAST INSPECTION ON 7-29-15. ESCALATED TO CLASS II VIOLATION.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-22-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspection is a follow up to the routine inspection dated 07/10/2013. All violations observed during that inspection were not corrected.
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-17-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual Facility Review --
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-11-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspection is a follow up to the routine inspection dated 03/17/2016. All violations observed during that inspection were not corrected.
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-16-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility most recently electronically submitted a Hazardous Materials Business Plan (HMBP) on 3-26-19 (Facility), and 2-26-19 (Inventory, Plans). Reportable hazardous materials include: Propane Nitrogen (liquid) Documented emergency response and HMBP training dated 2-7-2019 for David Danandeh and Harland Vogt. Legal operator is also legal property owner.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-16-2019
Violations Found: Yes

NANO METRICS INC (Continued) **S112912918**

Eval Type:	Routine done by local agency
Eval Notes:	State Identification # CAL000305743 is active. Facility is engaged in process control metrology and inspection systems used primarily in the semiconductor industry. The following wastes are managed as hazardous wastes: IPA contaminated wipes Aqueous parts cleaning waste Per Director of Global Facilities, facility no longer performs any on-site parts cleaning with flammable solvents and therefore no longer generates a flammable liquid waste stream. Reviewed documentation including: Some uniform hazardous waste manifests Land disposal restrictions Waste profiles Bill of ladings (universal waste batteries) Training certificate for Director Global Facilities
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-10-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Annual Facility Review --
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-13-2016
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection is a follow up to the routine inspection dated 03/17/2016. All violations observed during that inspection were not corrected.
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-29-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility is engaged in process control metrology and inspection systems usually relating to the fabrication of semiconductors. Facility no longer operates a machine shop or anodizing line. Hazardous waste streams include: Solder waste (dross, sponges etc) from 2 soldering stations Aqueous parts washer Universal Wastes
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-31-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown

NANO METRICS INC (Continued) **S112912918**

Eval Date: 09-24-2013
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspection is a follow up to the routine inspection dated 07/10/2013. All violations observed during that inspection were not corrected.
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-12-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspection is a follow up to the routine inspection
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 137126
Site Name: Onto Innovation, Inc.
Site Address: 1550 BUCKEYE DR
Site City: MILPITAS
Site Zip: 95035
Enf Action Date: 07-10-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Milpitas City Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 137126
Site Name: Onto Innovation, Inc.
Site Address: 1550 BUCKEYE DR
Site City: MILPITAS
Site Zip: 95035
Enf Action Date: 07-29-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS

Site ID: 137126
Site Name: Onto Innovation, Inc.
Site Address: 1550 BUCKEYE DR
Site City: MILPITAS
Site Zip: 95035
Enf Action Date: 07-31-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Milpitas City Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

NANO METRICS INC (Continued) **S112912918**

Coordinates:

Site ID:	137126
Facility Name:	Onto Innovation, Inc.
Env Int Type Code:	HWG
Program ID:	10346323
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	37.407990
Longitude:	-121.913660

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Environmental Contact
Entity Name:	Maximillian Hekmat
Entity Title:	Not reported
Affiliation Address:	1550 BUCKEYE DR
Affiliation City:	MILPITAS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95035
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	MAXIMILLIAN HEKMAT
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1550 BUCKEYE DR
Affiliation City:	MILPITAS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95035
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Maximillian Hekmat
Entity Title:	Director, EHS
Affiliation Address:	Not reported
Affiliation City:	Not reported

NANO METRICS INC (Continued) **S112912918**

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: NANOMETRICS INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Onto Innovation, Inc.
Entity Title: Not reported
Affiliation Address: 1550 BUCKEYE DR
Affiliation City: MILPITAS
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95035
Affiliation Phone: (408) 545-6000

Affiliation Type Desc: Operator
Entity Name: Michael Plisinski, CEO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 545-6208

Affiliation Type Desc: Property Owner
Entity Name: Onto Innovation, Inc.
Entity Title: Not reported
Affiliation Address: 1550 BUCKEYE DRIVE
Affiliation City: MILPITAS
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95035
Affiliation Phone: (408) 545-6000

HWTS:
Name: NANO METRICS INC
Address: 1550 BUCKEYE DR
Address 2: Not reported
City,State,Zip: MILPITAS, CA 950350000
EPA ID: CAC002330793
Inactive Date: 09/11/2001
Create Date: 02/21/2001
Last Act Date: 09/11/2001
Mailing Name: Not reported
Mailing Address: 1550 BUCKEYE DR

NANO METRICS INC (Continued) **S112912918**

Mailing Address 2:	Not reported
Mailing City,State,Zip:	MILPITAS, CA 950350000
Owner Name:	NANO METRICS INC
Owner Address:	1550 BUCKEYE DR
Owner Address 2:	Not reported
Owner City,State,Zip:	MILPITAS, CA 950350000
Contact Name:	CHRIS LUENGO/R B CONSTRUCTION
Contact Address:	--
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

M60 **NANOMETRICS INC** **RCRA NonGen / NLR** **1024813790**
SSW **1550 BUCKEYE DR** **CAL000305743**
1/8-1/4 **MILPITAS, CA 95035**
0.239 mi.
1262 ft. **Site 3 of 3 in cluster M**

Relative: **Higher**
Actual: **32 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2006-04-19 00:00:00.0
Handler Name:	NANOMETRICS INC	
Handler Address:		1550 BUCKEYE DR
Handler City,State,Zip:		MILPITAS, CA 95035
EPA ID:		CAL000305743
Contact Name:		MIKE RIZZO
Contact Address:		1550 BUCKEYE DR
Contact City,State,Zip:		MILPITAS, CA 95035
Contact Telephone:		408-545-6196
Contact Fax:		408-232-5910
Contact Email:		MRIZZO@NANOMETRICS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1550 BUCKEYE DR
Mailing City,State,Zip:		MILPITAS, CA 95035
Owner Name:		NANOMETRICS INC
Owner Type:		Other
Operator Name:		MIKE RIZZO
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No

NANOMETRICS INC (Continued) **1024813790**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:28:09.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NANOMETRICS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1550 BUCKEYE DR
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-545-6000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

NANOMETRICS INC (Continued) **1024813790**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIKE RIZZO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1550 BUCKEYE DR
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-545-6196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-04-19 00:00:00.0
Handler Name: NANOMETRICS INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	333298
NAICS Description:	ALL OTHER INDUSTRIAL MACHINERY MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

N61 **SYCAMORE ONE** **CPS-SLIC S123532020**
SW **782-788 SYCAMORE DRIVE** **CERS N/A**
1/4-1/2 **MILPITAS, CA 95035**
0.282 mi.
1487 ft. **Site 1 of 2 in cluster N**

Relative: **Lower**
Actual: **29 ft.**

CPS-SLIC:

Name:	SYCAMORE ONE
Address:	782-788 SYCAMORE DRIVE
City,State,Zip:	MILPITAS, CA 95035
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/06/2019
Global Id:	T10000012754
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.40799
Longitude:	-121.91937
Case Type:	Cleanup Program Site

SYCAMORE ONE (Continued) **S123532020**

Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 43S0480
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CERS:
Name: SYCAMORE ONE
Address: 782-788 SYCAMORE DRIVE
City,State,Zip: MILPITAS, CA 95035
Site ID: 519095
CERS ID: T10000012754
CERS Description: Cleanup Program Site

N62 **SYCAMORE ONE** **CPS-SLIC** **S118172417**
SW **782/788 SYCAMORE DRIVE** **CERS** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
0.282 mi.
1487 ft. **Site 2 of 2 in cluster N**

Relative:
Lower

Actual:
29 ft.

CPS-SLIC:
Name: SYCAMORE ONE
Address: 782/788 SYCAMORE DRIVE
City,State,Zip: MILPITAS, CA 95035
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 10/19/2015
Global Id: T10000007808
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.40766
Longitude: -121.91891
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: 2188.20
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CERS:
Name: SYCAMORE ONE
Address: 782/788 SYCAMORE DRIVE
City,State,Zip: MILPITAS, CA 95035
Site ID: 359554
CERS ID: T10000007808
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker

SYCAMORE ONE (Continued) **S118172417**

Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

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63 **XICOR INC** **ENVIROSTOR** **S105721962**
SSW **851 BUCKEYE COURT** **HIST UST** **N/A**
1/4-1/2 **MILPITAS, CA 95035** **EMI**
0.312 mi. **CERS**
1646 ft.

Relative:
Higher

Actual:
31 ft.

ENVIROSTOR:

Name:	XICOR, INC.
Address:	851 BUCKEYE CT
City,State,Zip:	MILPITAS, CA 95035
Facility ID:	71002870
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Berkeley
Assembly:	25
Senate:	10
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.40693
Longitude:	-121.9161
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD981462484
Alias Type:	EPA Identification Number
Alias Name:	110002715768
Alias Type:	EPA (FRS #)
Alias Name:	71002870
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported

XICOR INC (Continued) **S105721962**

Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HIST UST:
Name: XICOR INC
Address: 851 BUCKEYE COURT
City,State,Zip: MILPITAS, CA 95035
File Number: 00020ACD
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00020ACD.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

EMI:
Name: XICOR, INC
Address: 851 BUCKEYE COURT
City,State,Zip: MILPITAS, CA 950350000
Year: 1987
County Code: 43
Air Basin: SF
Facility ID: 2013
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 8
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0

XICOR INC (Continued) **S105721962**

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: XICOR, INC
Address: 851 BUCKEYE COURT
City,State,Zip: MILPITAS, CA 950350000
Year: 1990
County Code: 43
Air Basin: SF
Facility ID: 2013
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 25
Reactive Organic Gases Tons/Yr: 12
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: XICOR, INC
Address: 851 BUCKEYE COURT
City,State,Zip: MILPITAS, CA 950350000
Year: 1995
County Code: 43
Air Basin: SF
Facility ID: 2013
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: XICOR, INC
Address: 851 BUCKEYE COURT
City,State,Zip: MILPITAS, CA 950350000
Year: 1996
County Code: 43
Air Basin: SF
Facility ID: 2013
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

XICOR INC (Continued) **S105721962**

Total Organic Hydrocarbon Gases Tons/Yr:	19
Reactive Organic Gases Tons/Yr:	12
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	XICOR, INC
Address:	851 BUCKEYE COURT
City,State,Zip:	MILPITAS, CA 950350000
Year:	1997
County Code:	43
Air Basin:	SF
Facility ID:	2013
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	XICOR, INC
Address:	851 BUCKEYE COURT
City,State,Zip:	MILPITAS, CA 950350000
Year:	1998
County Code:	43
Air Basin:	SF
Facility ID:	2013
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	XICOR, INC
Address:	851 BUCKEYE COURT
City,State,Zip:	MILPITAS, CA 950350000
Year:	1999
County Code:	43
Air Basin:	SF
Facility ID:	2013
Air District Name:	BA
SIC Code:	3674

XICOR INC (Continued) **S105721962**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	XICOR, INC
Address:	851 BUCKEYE COURT
City,State,Zip:	MILPITAS, CA 950350000
Year:	2000
County Code:	43
Air Basin:	SF
Facility ID:	2013
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	STANDARD MEMS
Address:	851 BUCKEYE COURT
City,State,Zip:	MILPITAS, CA 950350000
Year:	2001
County Code:	43
Air Basin:	SF
Facility ID:	12857
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	STANDARD MEMS
Address:	851 BUCKEYE COURT
City,State,Zip:	MILPITAS, CA 950350000
Year:	2002
County Code:	43
Air Basin:	SF

XICOR INC (Continued) **S105721962**

Facility ID:	12857
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CERS:

Name:	STANDARD MEMS
Address:	851 BUCKEYE COURT
City,State,Zip:	MILPITAS, CA 95035-7408
Site ID:	505847
CERS ID:	110002715768
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Public Contact
Entity Name:	Ken Lynch
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	WILLIAM K LYNCH
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

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64 **ANALOG DEVICES, INC** **RCRA-SQG** **1000200172**
SSW **1630 MCCARTHY BLVD** **ENVIROSTOR** **CAD980694590**
1/4-1/2 **MILPITAS, CA 95035** **SWEEPS UST**
0.365 mi. **HIST UST**
1929 ft. **CA FID UST**
EMI
Relative: Higher **NPDES**
CIWQS
Actual: 32 ft. **HWTS**

RCRA-SQG:

Date Form Received by Agency:		2019-05-02 00:00:00.0
Handler Name:	ANALOG DEVICES, INC	
Handler Address:		1630 MCCARTHY BLVD

ANALOG DEVICES, INC (Continued) **1000200172**

Handler City,State,Zip:	MILPITAS, CA 95035
EPA ID:	CAD980694590
Contact Name:	JANET BURGGRAF
Contact Address:	MCCARTHY BLVD
Contact City,State,Zip:	MILPITAS, CA 95035
Contact Telephone:	408-432-1900 x2423
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	MCCARTHY BLVD
Mailing City,State,Zip:	MILPITAS, CA 95035
Owner Name:	ANALOG DEVICES, INC
Owner Type:	Private
Operator Name:	ANALOG DEVICES, INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No

ANALOG DEVICES, INC (Continued) **1000200172**

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-05-02 19:59:35.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

ANALOG DEVICES, INC (Continued) **1000200172**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANALOG DEVICES, INC
Legal Status:	Private
Date Became Current:	2019-03-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 TECHNOLOGY WAY
Owner/Operator City,State,Zip:	NORWOOD, MA 02062
Owner/Operator Telephone:	408-432-1900
Owner/Operator Telephone Ext:	2423
Owner/Operator Fax:	Not reported
Owner/Operator Email:	JANET.BURGGRAF@ANALOG.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name:	C P S PROPERTIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANALOG DEVICES, INC
Legal Status:	Private
Date Became Current:	2019-03-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 TECHNOLOGY WAY
Owner/Operator City,State,Zip:	NORWOOD, MA 02062
Owner/Operator Telephone:	408-432-1900
Owner/Operator Telephone Ext:	2423
Owner/Operator Fax:	Not reported
Owner/Operator Email:	JANET.BURGGRAF@ANALOG.COM

Historic Generators:

Receive Date:	1996-09-01 00:00:00.0
Handler Name:	LINEAR TECHNOLOGY CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

ANALOG DEVICES, INC (Continued) **1000200172**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2002-02-26 00:00:00.0
Handler Name: LINEAR TECHNOLOGY CORPORATION
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1982-11-01 00:00:00.0
Handler Name: LINEAR TECHNOLOGY CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2019-05-02 00:00:00.0
Handler Name: ANALOG DEVICES, INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 1990-04-12 00:00:00.0
Handler Name: LINEAR TECHNOLOGY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

ANALOG DEVICES, INC (Continued) **1000200172**

Electronic Manifest Broker: Not reported

Receive Date: 1992-03-01 00:00:00.0
Handler Name: LINEAR TECHNOLOGY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1994-03-23 00:00:00.0
Handler Name: LINEAR TECHNOLOGY CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1996-02-16 00:00:00.0
Handler Name: LINEAR TECHNOLOGY CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1999-03-04 00:00:00.0
Handler Name: LINEAR TECHNOLOGY CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2000-10-12 00:00:00.0
Handler Name: LINEAR TECHNOLOGY CORPORATION
Federal Waste Generator Description: Large Quantity Generator

ANALOG DEVICES, INC (Continued) **1000200172**

State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2002-02-26 00:00:00.0
Handler Name: LINEAR TECHNOLOGY CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 334411
NAICS Description: ELECTRON TUBE MANUFACTURING

NAICS Code: 334413
NAICS Description: SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2014-02-18 00:00:00.0
Actual Return to Compliance Date: 2014-03-12 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2014-03-13 00:00:00.0
Enforcement Identifier: 601
Date of Enforcement Action: 2014-02-18 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

ANALOG DEVICES, INC (Continued) **1000200172**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1995-02-22 00:00:00.0
Actual Return to Compliance Date: 2000-02-22 00:00:00.0
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported

ANALOG DEVICES, INC (Continued) **1000200172**

Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2014-02-18 00:00:00.0
Actual Return to Compliance Date: 2014-03-12 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2014-03-13 00:00:00.0
Enforcement Identifier: 601
Date of Enforcement Action: 2014-02-18 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

ANALOG DEVICES, INC (Continued) **1000200172**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2014-02-18 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2014-03-12 00:00:00.0
Scheduled Compliance Date: 2014-03-13 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1995-02-22 00:00:00.0
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2000-02-22 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2008-01-15 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2014-02-18 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

ANALOG DEVICES, INC (Continued) **1000200172**

Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2014-03-12 00:00:00.0
Scheduled Compliance Date:	2014-03-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ENVIROSTOR:

Name:	LINEAR TECHNOLOGY CORP.
Address:	1630 MCCARTHY BOULEVARD
City,State,Zip:	MILPITAS, CA 95035
Facility ID:	71002682
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Berkeley
Assembly:	25
Senate:	10
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.40652
Longitude:	-121.9170
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD980694590
Alias Type:	EPA Identification Number
Alias Name:	110000484146
Alias Type:	EPA (FRS #)
Alias Name:	71002682
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported

ANALOG DEVICES, INC (Continued) **1000200172**

Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SWEEPS UST:
Name: LINEAR TECHNOLOGY CORP
Address: 1630 MCCARTHY BLVD
City: MILPITAS
Status: Not reported
Comp Number: 14511
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-011-014511-000001
Tank Status: Not reported
Capacity: 1600
Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: 3

Name: LINEAR TECHNOLOGY CORP
Address: 1630 MCCARTHY BLVD
City: MILPITAS
Status: Not reported
Comp Number: 14511
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-011-014511-000002
Tank Status: Not reported
Capacity: 1600
Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

Name: LINEAR TECHNOLOGY CORP
Address: 1630 MCCARTHY BLVD
City: MILPITAS
Status: Not reported
Comp Number: 14511
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported

ANALOG DEVICES, INC (Continued) **1000200172**

Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-011-014511-000003
Tank Status: Not reported
Capacity: 1600
Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: LINEAR TECHNOLOGY CORP
Address: 1630 MCCARTHY BLVD
City,State,Zip: MILPITAS, CA 95035
File Number: 0002D209
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D209.pdf
Region: STATE
Facility ID: 00000014511
Facility Type: Other
Other Type: ELECTRONICS
Contact Name: Not reported
Telephone: 4089420810
Owner Name: CPS CO.
Owner Address: 1153 BRODEAUX DRIVE, STE #101
Owner City,St,Zip: SUNNYVALE, CA 94086
Total Tanks: 0003

Tank Num: 001
Container Num: N1,N2,N3
Year Installed: 1982
Tank Capacity: 00001600
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 3/4
Leak Detection: Visual

Tank Num: 002
Container Num: S-1
Year Installed: 1982
Tank Capacity: 00001600
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/2
Leak Detection: Visual

Tank Num: 003
Container Num: HF1
Year Installed: 1982
Tank Capacity: 00001600
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 5/8
Leak Detection: Visual

ANALOG DEVICES, INC (Continued) **1000200172**

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CA FID UST:

Facility ID:	43000222
Regulated By:	UTNKA
Regulated ID:	00014511
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4089420810
Mail To:	Not reported
Mailing Address:	1630 MCCARTHY BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MILPITAS 95035
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

EMI:

Name:	LINEAR TECHNOLOGY
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	1987
County Code:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	15
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LINEAR TECHNOLOGY
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	1990
County Code:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	3

ANALOG DEVICES, INC (Continued) **1000200172**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	1995
County Code:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	1996
County Code:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	1997
County Code:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

ANALOG DEVICES, INC (Continued) **1000200172**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	1998
County Code:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	1999
County Code:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2000
County Code:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA

ANALOG DEVICES, INC (Continued) **1000200172**

SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2001
County Code:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2002
County Code:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3577
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2003
County Code:	43

ANALOG DEVICES, INC (Continued) **1000200172**

Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3577
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2008
County Code:	43
Air Basin:	SF
Facility ID:	18565
Air District Name:	BA
SIC Code:	5065
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.003
Reactive Organic Gases Tons/Yr:	.0025101
Carbon Monoxide Emissions Tons/Yr:	.022
NOX - Oxides of Nitrogen Tons/Yr:	.018
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2009
County Code:	43
Air Basin:	SF
Facility ID:	18565
Air District Name:	BA
SIC Code:	5065
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.0000000000000001E-3
Reactive Organic Gases Tons/Yr:	2.5100999999999999E-3
Carbon Monoxide Emissions Tons/Yr:	2.1999999999999999E-2
NOX - Oxides of Nitrogen Tons/Yr:	1.7999999999999999E-2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	9.7599999999999998E-4

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD

ANALOG DEVICES, INC (Continued) **1000200172**

City,State,Zip:	MILPITAS, CA 95035
Year:	2009
County Code:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3577
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.027
Reactive Organic Gases Tons/Yr:	0.0024678
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2010
County Code:	43
Air Basin:	SF
Facility ID:	18565
Air District Name:	BA
SIC Code:	5065
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.0000000000000001E-3
Reactive Organic Gases Tons/Yr:	0.0033468
Carbon Monoxide Emissions Tons/Yr:	3.3000000000000002E-2
NOX - Oxides of Nitrogen Tons/Yr:	0.027
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.00204918032786885
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2010
County Code:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3577
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.027
Reactive Organic Gases Tons/Yr:	0.0024678
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

ANALOG DEVICES, INC (Continued) **1000200172**

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2011
County Code:	43
Air Basin:	SF
Facility ID:	18565
Air District Name:	BA
SIC Code:	5065
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.004
Reactive Organic Gases Tons/Yr:	0.0033468
Carbon Monoxide Emissions Tons/Yr:	0.033
NOX - Oxides of Nitrogen Tons/Yr:	0.027
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2011
County Code:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3577
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.045
Reactive Organic Gases Tons/Yr:	0.0070942
Carbon Monoxide Emissions Tons/Yr:	0.035
NOX - Oxides of Nitrogen Tons/Yr:	0.027
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

NPDES:

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 43NEC000657
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported

ANALOG DEVICES, INC (Continued) **1000200172**

Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	10/03/2019
Operator Name:	Linear Tech Corp
Operator Address:	1630 Mccarthy Blvd
Operator City:	Milpitas
Operator State:	California
Operator Zip:	95035

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	458505
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43NEC000657
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/17/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Linear Tech Corp
Discharge Address:	1630 Mccarthy Blvd
Discharge City:	Milpitas
Discharge State:	California
Discharge Zip:	95035
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported

ANALOG DEVICES, INC (Continued) **1000200172**

Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	458505
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 43NEC000657
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	07/20/2015
Processed Date:	09/17/2015
Status:	Active
Status Date:	04/12/2017
Place Size:	17.5

ANALOG DEVICES, INC (Continued) **1000200172**

Place Size Unit:	Acres
Contact:	Janet Burggraf
Contact Title:	EHS Manager
Contact Phone:	408-432-1900
Contact Phone Ext:	2523
Contact Email:	jburggraf@linear.com
Operator Name:	Linear Tech Corp
Operator Address:	1630 Mccarthy Blvd
Operator City:	Milpitas
Operator State:	California
Operator Zip:	95035
Operator Contact:	Janet Burggraf
Operator Contact Title:	Corp EHS Manager
Operator Contact Phone:	408-432-1900
Operator Contact Phone Ext:	2523
Operator Contact Email:	jburggraf@linear.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	408-432-1900
Emergency Phone Ext:	2333
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Alex McCann
Certifier Title:	Chief Operating Officer
Certification Date:	10-JAN-17
Primary Sic:	3674-Semiconductors and Related Devices
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	LINEAR TECHNOLOGY CORP
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Facility Status:	Not reported

ANALOG DEVICES, INC (Continued) **1000200172**

NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 43NEC002284
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	01/10/2017
Operator Name:	Linear Tech Corp
Operator Address:	1630 Mccarthy Blvd
Operator City:	Milpitas
Operator State:	California
Operator Zip:	95035

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Terminated
Agency Number:	0
Region:	2
Regulatory Measure ID:	458502
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43NEC002284
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/19/2016
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	01/10/2017
Discharge Name:	Linear Tech Corp
Discharge Address:	1630 Mccarthy Blvd
Discharge City:	Milpitas
Discharge State:	California
Discharge Zip:	95035
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported

ANALOG DEVICES, INC (Continued) **1000200172**

Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	458502
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 43NEC002284
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported

ANALOG DEVICES, INC (Continued) **1000200172**

Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	01/10/2017
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	06/27/2016
Processed Date:	07/19/2016
Status:	Terminated
Status Date:	01/10/2017
Place Size:	17.5
Place Size Unit:	Acres
Contact:	Janet Burggraf
Contact Title:	Corp. EHS Manager
Contact Phone:	408-432-1900
Contact Phone Ext:	2523
Contact Email:	jburggraf@linear.com
Operator Name:	Linear Tech Corp
Operator Address:	1630 Mccarthy Blvd
Operator City:	Milpitas
Operator State:	California
Operator Zip:	95035
Operator Contact:	Janet Burggraf
Operator Contact Title:	Corp. EHS Manager
Operator Contact Phone:	408-432-1900
Operator Contact Phone Ext:	2523
Operator Contact Email:	jburggraf@linear.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	408-432-1900
Emergency Phone Ext:	2333
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported

ANALOG DEVICES, INC (Continued) **1000200172**

Certifier:	Alex McCann
Certifier Title:	Chief Operating Officer
Certification Date:	27-JUN-16
Primary Sic:	3674-Semiconductors and Related Devices
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Facility Status:	Terminated
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	458505
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 43NEC000657
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/17/2015
Termination Date Of Regulatory Measure:	10/03/2019
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1630 Mccarthy Blvd
Discharge Name:	Linear Tech Corp
Discharge City:	Milpitas
Discharge State:	California
Discharge Zip:	95035
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	458505
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43NEC000657
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/17/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Linear Tech Corp
Discharge Address:	1630 Mccarthy Blvd
Discharge City:	Milpitas
Discharge State:	California
Discharge Zip:	95035

ANALOG DEVICES, INC (Continued) **1000200172**

Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

ANALOG DEVICES, INC (Continued) **1000200172**

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	458505
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 43NEC000657
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	07/20/2015
Processed Date:	09/17/2015
Status:	Active
Status Date:	04/12/2017
Place Size:	17.5
Place Size Unit:	Acres
Contact:	Janet Burggraf
Contact Title:	EHS Manager
Contact Phone:	408-432-1900
Contact Phone Ext:	2523
Contact Email:	jburggraf@linear.com
Operator Name:	Linear Tech Corp
Operator Address:	1630 Mccarthy Blvd
Operator City:	Milpitas
Operator State:	California
Operator Zip:	95035
Operator Contact:	Janet Burggraf
Operator Contact Title:	Corp EHS Manager
Operator Contact Phone:	408-432-1900
Operator Contact Phone Ext:	2523
Operator Contact Email:	jburggraf@linear.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	408-432-1900
Emergency Phone Ext:	2333
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported

ANALOG DEVICES, INC (Continued) **1000200172**

Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Alex McCann
Certifier Title:	Chief Operating Officer
Certification Date:	10-JAN-17
Primary Sic:	3674-Semiconductors and Related Devices
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	LINEAR TECH CORP
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Agency:	Linear Tech Corp
Agency Address:	1630 Mccarthy Blvd, Milpitas, CA 95035
Place/Project Type:	Industrial - Semiconductors and Related Devices
SIC/NAICS:	3674
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 43I006792
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	05/07/1992
Termination Date:	10/22/2013
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.40552
Longitude:	-121.91755

Name:	LINEAR TECHNOLOGY CORPORATION
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Agency:	Linear Tech Corp
Agency Address:	1630 Mccarthy Blvd, Milpitas, CA 95035
Place/Project Type:	Industrial - Semiconductors and Related Devices
SIC/NAICS:	3674
Region:	2
Program:	INDSTW

ANALOG DEVICES, INC (Continued) **1000200172**

Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 43NEC000657
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	09/17/2015
Termination Date:	10/03/2019
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.406478
Longitude:	-121.917023

Name:	LINEAR TECHNOLOGY CORP
Address:	1630 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Agency:	Linear Tech Corp
Agency Address:	1630 Mccarthy Blvd, Milpitas, CA 95035
Place/Project Type:	Industrial - Semiconductors and Related Devices
SIC/NAICS:	3674
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 43NEC002284
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	07/19/2016
Termination Date:	01/10/2017
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.406478
Longitude:	-121.917023

HWTS:

Name:	ANALOG DEVICES INC.
Address:	1630 MCCARTHY BLVD
Address 2:	Not reported
City,State,Zip:	MILPITAS, CA 950350000
EPA ID:	CAD980694590
Inactive Date:	Not reported
Create Date:	04/22/1983
Last Act Date:	09/15/2020
Mailing Name:	JANET BURGGRAF
Mailing Address:	1630 MCCARTHY BLVD.
Mailing Address 2:	Not reported

ANALOG DEVICES, INC (Continued) **1000200172**

Mailing City,State,Zip:	MILPITAS, CA 950350000
Owner Name:	ANALOG DEVICES INC
Owner Address:	1 TECHNOLOGY WAY
Owner Address 2:	PO BOX 9106
Owner City,State,Zip:	NORWOOD, MA 02062
Contact Name:	JANET BURGGRAF
Contact Address:	1630 MCCARTHY BLVD.
Contact Address 2:	Not reported
City,State,Zip:	MILPITAS, CA 95035

NAICS:

EPA ID:	CAD980694590
Create Date:	2002-03-14 16:36:26.000
NAICS Code:	334413
NAICS Description:	Semiconductor and Related Device Manufacturing
Issued EPA ID Date:	1983-04-22 00:00:00
Inactive Date:	Not reported
Facility Name:	ANALOG DEVICES INC.
Facility Address:	1630 MCCARTHY BLVD
Facility Address 2:	Not reported
Facility City:	MILPITAS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	950350000

O65 **X LAM TECHNOLOGIES** **RCRA-SQG 1000417383**
WSW **1504 MC CARTHY BLVD** **ENVIROSTOR CAD982471989**
1/4-1/2 **MILPITAS, CA 95035**
0.409 mi.
2162 ft. **Site 1 of 2 in cluster O**

Relative: **Lower**

Actual: **29 ft.**

RCRA-SQG:

Date Form Received by Agency:		1999-08-16 00:00:00.0
Handler Name:	X LAM TECHNOLOGIES	
Handler Address:		1504 MC CARTHY BLVD
Handler City,State,Zip:		MILPITAS, CA 95035
EPA ID:		CAD982471989
Contact Name:		RICH GARCIA
Contact Address:		1504 MC CARTHY BLVD
Contact City,State,Zip:		MILPITAS, CA 95035
Contact Telephone:		408-210-7727
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1504 MC CARTHY BLVD
Mailing City,State,Zip:		MILPITAS, CA 95035
Owner Name:		X LAM TECHNOLOGIES
Owner Type:		Private

X LAM TECHNOLOGIES (Continued) **1000417383**

Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-07 16:38:22.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

X LAM TECHNOLOGIES (Continued) **1000417383**

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F006
Waste Description:	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Waste Code:	F007
Waste Description:	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
Waste Code:	F009
Waste Description:	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	X LAM TECHNOLOGIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1504 MC CARTHY BLVD
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-433-5252
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

X LAM TECHNOLOGIES (Continued) **1000417383**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-08-16 00:00:00.0
Handler Name: X LAM TECHNOLOGIES	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-04 00:00:00.0
Handler Name: DAS DEVICES, INC.	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	334112
NAICS Description:	COMPUTER STORAGE DEVICE MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

X LAM TECHNOLOGIES (Continued) **1000417383**

Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 2003-10-23 00:00:00.0
Actual Return to Compliance Date: 2004-01-27 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: 2004-01-27 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2003-11-03 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Responsible Person: JSULL
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported

X LAM TECHNOLOGIES (Continued) **1000417383**

SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 2003-10-23 00:00:00.0
Actual Return to Compliance Date: 2004-01-27 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2004-01-29 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: JSULL
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported

X LAM TECHNOLOGIES (Continued) **1000417383**

Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2004-01-27 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: JSULL
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2003-10-23 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: JSULL
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2004-01-27 00:00:00.0
Scheduled Compliance Date: 2004-01-27 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2003-10-23 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW

X LAM TECHNOLOGIES (Continued) **1000417383**

Evaluation Responsible Person Identifier:	JSULL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2004-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-23 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	JSULL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ENVIROSTOR:

Name:	KULLICKE & SOFFA INDUSTRIES, INC.
Address:	1504 MCCARTHY BOULEVARD
City,State,Zip:	MILPITAS, CA 95035
Facility ID:	71003062
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Berkeley
Assembly:	25
Senate:	10
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.40882
Longitude:	-121.9200
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD982471989
Alias Type:	EPA Identification Number
Alias Name:	110000484173
Alias Type:	EPA (FRS #)

X LAM TECHNOLOGIES (Continued) **1000417383**

Alias Name: 71003062
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

O66 **HARRIS MICROWAVE SEMICONDUCTOR** **SEMS-ARCHIVE** **1000362634**
WSW **1530 MCCARTHY BLVD** **RCRA-LQG** **CAT080033996**
1/4-1/2 **MILPITAS, CA 95035** **ENVIROSTOR**
0.409 mi. **CPS-SLIC**
2162 ft. **Site 2 of 2 in cluster O** **SWEEPS UST**
HIST UST
Relative: **CA FID UST**
Lower **EMI**
NON-CASE INFO
Actual:
29 ft.

SEMS Archive:
Site ID: 0902707
EPA ID: CAT080033996
Name: HARRIS MICROWAVE SEMICONDUCTOR
Address: 1530 MCCARTHY BLVD
Address 2: Not reported
City,State,Zip: MILPITAS, CA 95035
Cong District: 10
FIPS Code: 06085
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 09
Site ID: 0902707
EPA ID: CAT080033996
Site Name: HARRIS MICROWAVE SEMICONDUCTOR
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1987-12-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Region:	09
Site ID:	0902707
EPA ID:	CAT080033996
Site Name:	HARRIS MICROWAVE SEMICONDUCTOR
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1986-04-01 05:00:00
Finish Date:	1986-04-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902707
EPA ID:	CAT080033996
Site Name:	HARRIS MICROWAVE SEMICONDUCTOR
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1987-12-01 05:00:00
Qual:	N
Current Action Lead:	EPA Perf

RCRA-LQG:

Date Form Received by Agency:		2018-08-03 00:00:00.0
Handler Name:	LEANTEQ	
Handler Address:		1530 MCCARTHY BLVD
Handler City,State,Zip:		MILPITAS, CA 95035
EPA ID:		CAT080033996
Contact Name:		ANGIE EAGAN
Contact Address:		MCCARTHY BLVD
Contact City,State,Zip:		MILPITAS, CA 95035
Contact Telephone:		408-439-3770
Contact Fax:		Not reported
Contact Email:		ANGIEEAGAN@LEANTEQ.COM
Contact Title:		CHIEF OPERATING OFFICER
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		MCCARTHY BLVD
Mailing City,State,Zip:		MILPITAS, CA 95035
Owner Name:		LT PROPERTIES, LLC
Owner Type:		Private

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Operator Name:	LEANTEQ, LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-10 18:39:24.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Biennial: List of Years
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D009
Waste Description: MERCURY

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F007
Waste Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Waste Code: F008
Waste Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OAK CREEK PROPERTIES, LLC
Legal Status:	Private
Date Became Current:	2017-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2121 ROSECRANS AVENUE
Owner/Operator City,State,Zip:	EL SEGUNDO, CA 90245
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAMSUNG SEMICONDUCTOR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1530 MCCARTHY BLVD
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-433-2222
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OAK CREEK PROPERTIES. LLC
Legal Status:	Private
Date Became Current:	2016-09-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2121 ROSECRANS AVENUE
Owner/Operator City,State,Zip:	EL SEGUNDO, CA 90245
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LT PROPERTIES, LLC
Legal Status:	Private
Date Became Current:	2018-04-24 00:00:00.

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Date Ended Current:	Not reported
Owner/Operator Address:	35453A DUMBARTON COURT
Owner/Operator City,State,Zip:	NEWARK, CA 94560
Owner/Operator Telephone:	650-888-5701
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	DIANNEDOUGHERTY@GMAIL.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ISTAR FINANCIAL
Legal Status:	Private
Date Became Current:	1998-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 EMBARCADERO, SUITE 33
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATKINS JOHNSON CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1530 MCCARTHY BLVD
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-433-2222
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ISTAR FINANCIAL
Legal Status:	Private
Date Became Current:	1998-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 EMBARCADERO, SUITE 33
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WJ COMMUNICATIONS, INC
Legal Status:	Private
Date Became Current:	1998-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Owner/Operator Name:	GSIC REALITY CORPORATION
Legal Status:	Private
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2555 SHORELINE DRIVE
Owner/Operator City,State,Zip:	REDWOOD CITY, CA 94063
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEANTEQ, LLC
Legal Status:	Private
Date Became Current:	2018-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1530 MCCARTHY BLVD
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-439-3248
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	DIANNEDOUGHERTY@GMAIL.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WJ COMMUNICATIONS, INC
Legal Status:	Private
Date Became Current:	1998-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRINET MILPITAS I STAR FINANCIAL INC
Legal Status:	Private
Date Became Current:	1993-06-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 EMBARCADERO CENTER
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WJ COMMUNICATIONS, INC.
Legal Status:	Private
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GSIC REALITY CORPORATION
Legal Status: Private
Date Became Current: 1999-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2555 SHORELINE DRIVE
Owner/Operator City,State,Zip: REDWOOD CITY, CA 94063
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AMPTECH INC
Legal Status: Private
Date Became Current: 2007-05-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: WATKINS JOHNSON CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-02-27 00:00:00.0
Handler Name: W-J COMMUNICATIONS, INC.
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1993-11-04 00:00:00.0
Handler Name: WATKINS JOHNSON CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-13 00:00:00.0
Handler Name:	WATKINS JOHNSON CO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-06-06 00:00:00.0
Handler Name:	AMPTECH INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-02 00:00:00.0
Handler Name:	FORMER BEAMREACH FACILITY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2018-08-03 00:00:00.0
Handler Name:	LEANTEQ
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	1992-02-13 00:00:00.0
Handler Name:	HARRIS MICROWAVE SEMICONDUCTOR
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-28 00:00:00.0
Handler Name:	SAMSUNG SEMICONDUCTOR
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-04 00:00:00.0
Handler Name:	WATKINS JOHNSON COMPANY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-10-12 00:00:00.0
Handler Name:	WATKINS-JOHNSON CO.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-27 00:00:00.0

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Handler Name: WJ COMMUNICATIONS, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-02-27 00:00:00.0
Handler Name: W-J COMMUNICATIONS, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2008-05-08 00:00:00.0
Handler Name: WJ COMMUNICATIONS, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 333242
NAICS Description: SEMICONDUCTOR MACHINERY MANUFACTURING

NAICS Code: 334413
NAICS Description: SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2003-08-05 00:00:00.0
Actual Return to Compliance Date: 2003-09-05 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 501
Date of Enforcement Action: 2003-08-05 00:00:00.0

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2005-04-22 00:00:00.0
Actual Return to Compliance Date: 2005-04-22 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 501
Date of Enforcement Action: 2005-04-22 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2003-08-05 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2003-09-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-04-22 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2005-04-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ENVIROSTOR:

Name:	WJ COMMUNICATIONS, INC.
Address:	1530 MCCARTHY BOULEVARD
City,State,Zip:	MILPITAS, CA 95035
Facility ID:	71003552
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Berkeley
Assembly:	25
Senate:	10

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.40847
Longitude: -121.9198
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAT080033996
Alias Type: EPA Identification Number
Alias Name: 110000887899
Alias Type: EPA (FRS #)
Alias Name: 71003552
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/30/2020
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SLIC REG 2:
Region: 2
Facility ID: 43-1961
Facility Status: Post remedial action monitoring
Date Closed: Not reported
Local Case #: 43-1961
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: 11/22/1983
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 3/29/1984

Region: 2
Facility ID: 43S0155
Facility Status: Preliminary site assessment workplan submitted
Date Closed: Not reported
Local Case #: Not reported

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: 4/17/1990
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: HARRIS MICROWAVE
Address: 1530 MCCARTHY BLVD
City: MILPITAS
Status: Not reported
Comp Number: 28215
Number: Not reported
Board Of Equalization: 44-026382
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-011-028215-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: 1

HIST UST:
Name: HARRIS MICROWAVE
Address: 1530 MCCARTHY BLVD
City,State,Zip: MILPITAS, CA 95035
File Number: 0002099F
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002099F.pdf
Region: STATE
Facility ID: 00000028215
Facility Type: Other
Other Type: MANUFACTURER
Contact Name: D.L. VAUGHN
Telephone: 4082961461
Owner Name: THE PRUDENTIAL
Owner Address: 155 MOFFET PARK DR. BLDG. A SU
Owner City,St,Zip: SUNNYVALE, CA 94086
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1981
Tank Capacity: 00002000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Leak Detection: Visual

Tank Num: 002
Container Num: ST-6
Year Installed: 1983
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 43012291
Regulated By: UTNKA
Regulated ID: 00028215
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4082961461
Mail To: Not reported
Mailing Address: 1530 MCCARTHY BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: MILPITAS 95035
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

EMI:
Name: SAMSUNG SEMICONDUCTOR, INC
Address: 1530 MCCARTHY BLVD
City,State,Zip: MILPITAS, CA 95035
Year: 1995
County Code: 43
Air Basin: SF
Facility ID: 8883
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: SAMSUNG SEMICONDUCTOR, INC
Address: 1530 MCCARTHY BLVD
City,State,Zip: MILPITAS, CA 95035

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Year:	1996
County Code:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WATKINS JOHNSON COMPANY
Address:	1530 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	1997
County Code:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WATKINS JOHNSON COMPANY
Address:	1530 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	1998
County Code:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Name:	WJ COMMUNICATIONS, INC
Address:	1530 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	1999
County Code:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WJ COMMUNICATIONS, INC
Address:	1530 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2000
County Code:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WJ COMMUNICATIONS, INC
Address:	1530 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2001
County Code:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: WJ COMMUNICATIONS, INC
Address: 1530 MCCARTHY BLVD
City,State,Zip: MILPITAS, CA 95035
Year: 2002
County Code: 43
Air Basin: SF
Facility ID: 8883
Air District Name: BA
SIC Code: 4899
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: WJ COMMUNICATIONS, INC
Address: 1530 MCCARTHY BLVD
City,State,Zip: MILPITAS, CA 95035
Year: 2003
County Code: 43
Air Basin: SF
Facility ID: 8883
Air District Name: BA
SIC Code: 4899
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: WJ COMMUNICATIONS, INC
Address: 1530 MCCARTHY BLVD
City,State,Zip: MILPITAS, CA 95035
Year: 2004
County Code: 43
Air Basin: SF
Facility ID: 8883
Air District Name: BA
SIC Code: 4899
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.149
Reactive Organic Gases Tons/Yr: 0.5572393

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

Carbon Monoxide Emissions Tons/Yr:	0.009
NOX - Oxides of Nitrogen Tons/Yr:	0.043
SOX - Oxides of Sulphur Tons/Yr:	0.001
Particulate Matter Tons/Yr:	0.004
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.003433

Name:	WJ COMMUNICATIONS, INC
Address:	1530 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2005
County Code:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.842
Reactive Organic Gases Tons/Yr:	.5541018
Carbon Monoxide Emissions Tons/Yr:	.017
NOX - Oxides of Nitrogen Tons/Yr:	.078
SOX - Oxides of Sulphur Tons/Yr:	.001
Particulate Matter Tons/Yr:	.007
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.006361

Name:	WJ COMMUNICATIONS, INC
Address:	1530 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2006
County Code:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.916
Reactive Organic Gases Tons/Yr:	.6978581
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000505

NON-CASE INFO:

Name:	HARRIS MICROWAVE
Address:	1530 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Global ID:	T0608591616
Case Type:	Non-Case Information
Status:	Informational Item
Status Date:	05/11/2009
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker:	UUU
Local Agency:	Not reported

HARRIS MICROWAVE SEMICONDUCTOR (Continued) **1000362634**

RB Case Number:	43S0155
Loc Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	* Solvents
Potential Media Affected:	Soil
Site History:	Not reported
Begin Date:	1983-02-04 00:00:00
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
Latitude:	37.40758
Longitude:	-121.919733
Geotracker:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608591616

67
SW
1/4-1/2
0.428 mi.
2261 ft.

OAK CREEK PUMP STATION
1515 MCCARTHY BLVD
MILPITAS, CA 95035

LUST **S104162724**
HIST LUST **N/A**
Cortese
HIST CORTESE
CERS

Relative:
Higher

Actual:
32 ft.

LUST:

Name:	OAK CREEK PUMP STATION
Address:	1515 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501615
Global Id:	T0608501615
Latitude:	37.4076314
Longitude:	-121.9202282
Status:	Completed - Case Closed
Status Date:	12/03/1998
Case Worker:	UST
RB Case Number:	Not reported
Local Agency:	SANTA CLARA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0608501615
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608501615
Contact Type:	Local Agency Caseworker
Contact Name:	UST CASE WORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE

OAK CREEK PUMP STATION (Continued) **S104162724**

Email: Not reported
Phone Number: 4089183400

LUST:
Global Id: T0608501615
Action Type: ENFORCEMENT
Date: 12/03/1998
Action: Closure/No Further Action Letter

Global Id: T0608501615
Action Type: ENFORCEMENT
Date: 11/20/1995
Action: Notice of Responsibility - #40391

Global Id: T0608501615
Action Type: ENFORCEMENT
Date: 02/01/1996
Action: Staff Letter - #32754

Global Id: T0608501615
Action Type: ENFORCEMENT
Date: 11/08/1993
Action: Staff Letter - #32752

Global Id: T0608501615
Action Type: ENFORCEMENT
Date: 04/20/1993
Action: Staff Letter - #32750

Global Id: T0608501615
Action Type: ENFORCEMENT
Date: 02/22/1996
Action: Staff Letter - #32756

Global Id: T0608501615
Action Type: ENFORCEMENT
Date: 09/15/1996
Action: Staff Letter - #32760

Global Id: T0608501615
Action Type: ENFORCEMENT
Date: 03/16/1997
Action: Staff Letter - #32764

Global Id: T0608501615
Action Type: ENFORCEMENT
Date: 07/08/1997
Action: Staff Letter - #32768

Global Id: T0608501615
Action Type: ENFORCEMENT
Date: 06/15/1997
Action: Staff Letter - #32766

Global Id: T0608501615
Action Type: ENFORCEMENT
Date: 12/16/1996

OAK CREEK PUMP STATION (Continued) **S104162724**

Action: Staff Letter - #32762

Global Id: T0608501615
Action Type: ENFORCEMENT
Date: 03/30/1996
Action: Staff Letter - #32758

Global Id: T0608501615
Action Type: RESPONSE
Date: 02/02/1996
Action: Other Report / Document

Global Id: T0608501615
Action Type: RESPONSE
Date: 01/23/1996
Action: Preliminary Site Assessment Report

Global Id: T0608501615
Action Type: RESPONSE
Date: 04/30/1993
Action: Other Report / Document

Global Id: T0608501615
Action Type: RESPONSE
Date: 02/20/1996
Action: Soil and Water Investigation Workplan

Global Id: T0608501615
Action Type: RESPONSE
Date: 10/30/1996
Action: Monitoring Report - Quarterly

Global Id: T0608501615
Action Type: RESPONSE
Date: 04/30/1997
Action: Monitoring Report - Quarterly

Global Id: T0608501615
Action Type: RESPONSE
Date: 08/04/1997
Action: Monitoring Report - Quarterly

Global Id: T0608501615
Action Type: RESPONSE
Date: 07/30/1997
Action: Monitoring Report - Quarterly

Global Id: T0608501615
Action Type: RESPONSE
Date: 01/30/1997
Action: Monitoring Report - Quarterly

Global Id: T0608501615
Action Type: RESPONSE
Date: 06/28/1996
Action: Soil and Water Investigation Report

OAK CREEK PUMP STATION (Continued) **S104162724**

Global Id: T0608501615
Action Type: Other
Date: 05/06/1992
Action: Leak Reported

Global Id: T0608501615
Action Type: RESPONSE
Date: 12/03/1998
Action: Other Report / Document

LUST:
Global Id: T0608501615
Status: Open - Case Begin Date
Status Date: 05/01/1992

Global Id: T0608501615
Status: Open - Site Assessment
Status Date: 05/01/1992

Global Id: T0608501615
Status: Open - Site Assessment
Status Date: 10/01/1993

Global Id: T0608501615
Status: Completed - Case Closed
Status Date: 12/03/1998

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 06S1W13Q01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 5/1/1992
Pollution Characterization Began: 10/1/1993
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:
Name: OAK CREEK PUMP STATION
Address: 1515 MCCARTHY BLVD
City,State,Zip: MILPITAS, CA
Region: SANTA CLARA
SCVWD ID: 06S1W13Q01F
Date Closed: 12/03/1998
EDR Link ID: 06S1W13Q01F

HIST LUST SANTA CLARA:

OAK CREEK PUMP STATION (Continued) **S104162724**

Name: Oak Creek Pump Station
Address: 1515 McCarthy Blvd
City: Milpitas
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 06S1W13Q01
Oversite Agency: SCVWD
Date Listed: 1993-05-11 00:00:00
Closed Date: 1998-12-03 00:00:00

CORTESE:
Name: OAK CREEK PUMP STATION
Address: 1515 MCCARTHY BLVD
City,State,Zip: MILPITAS, CA 95035
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608501615
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: OAK CREEK PUMP STATION
edr_fadd1: 1515 MCCARTHY
City,State,Zip: MILPITAS, CA 95035
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-1668

CERS:
Name: OAK CREEK PUMP STATION
Address: 1515 MCCARTHY BLVD
City,State,Zip: MILPITAS, CA 95035
Site ID: 235838
CERS ID: T0608501615
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)

OAK CREEK PUMP STATION (Continued) **S104162724**

Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	UST CASE WORKER - SANTA CLARA COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	4089183400

68
ESE
1/4-1/2
0.430 mi.
2269 ft.

PINEWOOD WELL
232 GREENTREE WY
MILPITAS, CA 95035

LUST **S103957109**
HIST LUST **N/A**
Cortese
HIST CORTESE
CERS

Relative:
Higher

Actual:
33 ft.

LUST:

Name:	PINEWOOD WELL
Address:	232 GREENTREE WY
City,State,Zip:	MILPITAS, CA 95035
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608502122
Global Id:	T0608502122
Latitude:	37.4095178
Longitude:	-121.9067607
Status:	Completed - Case Closed
Status Date:	08/04/1999
Case Worker:	UST
RB Case Number:	Not reported
Local Agency:	SANTA CLARA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0608502122
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported
Global Id:	T0608502122
Contact Type:	Local Agency Caseworker

PINEWOOD WELL (Continued) **S103957109**

Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

LUST:
Global Id: T0608502122
Action Type: ENFORCEMENT
Date: 09/21/1998
Action: Notice of Responsibility - #39134

Global Id: T0608502122
Action Type: REMEDIATION
Date: 09/04/1998
Action: Excavation

Global Id: T0608502122
Action Type: REMEDIATION
Date: 09/04/1998
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608502122
Action Type: RESPONSE
Date: 09/15/1998
Action: Other Report / Document

Global Id: T0608502122
Action Type: Other
Date: 09/04/1998
Action: Leak Reported

Global Id: T0608502122
Action Type: ENFORCEMENT
Date: 08/04/1999
Action: Closure/No Further Action Letter

LUST:
Global Id: T0608502122
Status: Open - Case Begin Date
Status Date: 05/22/1998

Global Id: T0608502122
Status: Open - Site Assessment
Status Date: 05/22/1998

Global Id: T0608502122
Status: Completed - Case Closed
Status Date: 08/04/1999

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed

PINEWOOD WELL (Continued) **S103957109**

Case Number: 06S1E18L01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 5/22/1998
Pollution Characterization Began: 5/22/1998
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:
Name: PINEWOOD WELL
Address: 232 GREENTREE WY
City,State,Zip: MILPITAS, CA
Region: SANTA CLARA
SCVWD ID: 06S1E18L01F
Date Closed: 08/04/1999
EDR Link ID: 06S1E18L01F

HIST LUST SANTA CLARA:
Name: Pinewood Well
Address: 232 Greentree Wy
City: Milpitas
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 06S1E18L01
Oversite Agency: SCVWD
Date Listed: 1998-09-11 00:00:00
Closed Date: 1999-08-04 00:00:00

CORTESE:
Name: PINEWOOD WELL
Address: 232 GREENTREE WY
City,State,Zip: MILPITAS, CA 95035
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608502122
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported

PINEWOOD WELL (Continued) **S103957109**

Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: PINEWOOD WELL
edr_fadd1: 232 GREENTREE
City,State,Zip: MILPITAS, CA 95035
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-2309

CERS:
Name: PINEWOOD WELL
Address: 232 GREENTREE WY
City,State,Zip: MILPITAS, CA 95035
Site ID: 215701
CERS ID: T0608502122
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: UST CASE WORKER - SANTA CLARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 4089183400

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

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69 SSW 1/4-1/2 0.434 mi. 2294 ft. **WORLDCOM 1656 MCCARTHY BLVD MILPITAS, CA 95035** **LUST Cortese EMI CERS** **S105086617 N/A**

Relative: Higher
Actual: 33 ft.

LUST:
Name: MCI
Address: 1656 MCCARTHY DRIVE
City,State,Zip: MILPITAS, CA 95035
Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608596206
Global Id: T0608596206
Latitude: 37.4056039

WORLDCOM (Continued) **S105086617**

Longitude:	-121.916379
Status:	Completed - Case Closed
Status Date:	06/22/2005
Case Worker:	UST
RB Case Number:	Not reported
Local Agency:	SANTA CLARA COUNTY LOP
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0608596206
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608596206
Contact Type:	Local Agency Caseworker
Contact Name:	UST CASE WORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE
Email:	Not reported
Phone Number:	4089183400

LUST:

Global Id:	T0608596206
Action Type:	RESPONSE
Date:	05/20/2003
Action:	Unauthorized Release Form

Global Id:	T0608596206
Action Type:	REMEDIATION
Date:	04/21/2003
Action:	Not reported

Global Id:	T0608596206
Action Type:	ENFORCEMENT
Date:	06/22/2005
Action:	Closure/No Further Action Letter

Global Id:	T0608596206
Action Type:	Other
Date:	05/20/2003
Action:	Leak Discovery

Global Id:	T0608596206
Action Type:	Other
Date:	06/10/2003
Action:	Leak Reported

WORLDCOM (Continued) **S105086617**

LUST:
Global Id: T0608596206
Status: Open - Case Begin Date
Status Date: 05/20/2003

Global Id: T0608596206
Status: Open - Site Assessment
Status Date: 06/21/2005

Global Id: T0608596206
Status: Completed - Case Closed
Status Date: 06/22/2005

LUST SANTA CLARA:
Name: MCI
Address: 1656 MCCARTHY DR
City,State,Zip: MILPITAS, CA
Region: SANTA CLARA
SCVWD ID: 06S1W13R04F
Date Closed: 06/22/2005
EDR Link ID: 06S1W13R04F

CORTESE:
Name: MCI
Address: 1656 MCCARTHY DRIVE
City,State,Zip: MILPITAS, CA 95035
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608596206
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

EMI:
Name: WORLDCOM
Address: 1656 MCCARTHY BLVD
City,State,Zip: MILPITAS, CA 950350000
Year: 2001
County Code: 43

WORLDCOM (Continued) **S105086617**

Air Basin:	SF
Facility ID:	12740
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WORLDCOM
Address:	1656 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 950350000
Year:	2002
County Code:	43
Air Basin:	SF
Facility ID:	12740
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEY EXCHANGE
Address:	1656 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2008
County Code:	43
Air Basin:	SF
Facility ID:	18239
Air District Name:	BA
SIC Code:	7374
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.002
Reactive Organic Gases Tons/Yr:	.0016734
Carbon Monoxide Emissions Tons/Yr:	.008
NOX - Oxides of Nitrogen Tons/Yr:	.044
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Name:	VALLEY EXCHANGE
Address:	1656 MCCARTHY BLVD

WORLDCOM (Continued) **S105086617**

City,State,Zip:	MILPITAS, CA 95035
Year:	2009
County Code:	43
Air Basin:	SF
Facility ID:	18239
Air District Name:	BA
SIC Code:	7374
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7.0000000000000001E-3
Reactive Organic Gases Tons/Yr:	0.0058569
Carbon Monoxide Emissions Tons/Yr:	0.024
NOX - Oxides of Nitrogen Tons/Yr:	0.13400000000000001
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	3.0000000000000001E-3
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002928

Name:	VALLEY EXCHANGE
Address:	1656 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2010
County Code:	43
Air Basin:	SF
Facility ID:	18239
Air District Name:	BA
SIC Code:	7374
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7.0000000000000001E-3
Reactive Organic Gases Tons/Yr:	0.0058569
Carbon Monoxide Emissions Tons/Yr:	0.024
NOX - Oxides of Nitrogen Tons/Yr:	0.13400000000000001
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.00307377049180327
Part. Matter 10 Micrometers and Smllr Tons/Yr:	3.0000000000000001E-3

Name:	VALLEY EXCHANGE
Address:	1656 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2011
County Code:	43
Air Basin:	SF
Facility ID:	18239
Air District Name:	BA
SIC Code:	7374
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.019
Reactive Organic Gases Tons/Yr:	0.0158973
Carbon Monoxide Emissions Tons/Yr:	0.058
NOX - Oxides of Nitrogen Tons/Yr:	0.324
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

WORLDCOM (Continued) **S105086617**

Name:	CORESITE
Address:	1656 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2012
County Code:	43
Air Basin:	SF
Facility ID:	18239
Air District Name:	BA
SIC Code:	7374
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.019
Reactive Organic Gases Tons/Yr:	0.0158973
Carbon Monoxide Emissions Tons/Yr:	0.058
NOX - Oxides of Nitrogen Tons/Yr:	0.324
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.0061475409836
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.006

Name:	CORESITE
Address:	1656 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2013
County Code:	43
Air Basin:	SF
Facility ID:	18239
Air District Name:	BA
SIC Code:	7374
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.016
Reactive Organic Gases Tons/Yr:	0.0133872
Carbon Monoxide Emissions Tons/Yr:	0.049
NOX - Oxides of Nitrogen Tons/Yr:	0.271
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.006
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.006

Name:	CORESITE
Address:	1656 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2014
County Code:	43
Air Basin:	SF
Facility ID:	18239
Air District Name:	BA
SIC Code:	7374
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.015641356
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.048430134
NOX - Oxides of Nitrogen Tons/Yr:	0.271216077
SOX - Oxides of Sulphur Tons/Yr:	0.000336799

WORLDCOM (Continued) **S105086617**

Particulate Matter Tons/Yr:	0.005657749
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.005431439

Name:	CORESITE
Address:	1656 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2015
County Code:	43
Air Basin:	SF
Facility ID:	18239
Air District Name:	BA
SIC Code:	7374
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.015641356
Reactive Organic Gases Tons/Yr:	0.014259987
Carbon Monoxide Emissions Tons/Yr:	0.04843014
NOX - Oxides of Nitrogen Tons/Yr:	0.27121606
SOX - Oxides of Sulphur Tons/Yr:	0.000336799
Particulate Matter Tons/Yr:	0.005657749
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.005431439

Name:	CORESITE
Address:	1656 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2016
County Code:	43
Air Basin:	SF
Facility ID:	18239
Air District Name:	BA
SIC Code:	7374
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.024001283
Reactive Organic Gases Tons/Yr:	0.021085127116
Carbon Monoxide Emissions Tons/Yr:	0.07431526
NOX - Oxides of Nitrogen Tons/Yr:	0.416176651
SOX - Oxides of Sulphur Tons/Yr:	0.00051678
Particulate Matter Tons/Yr:	0.008681714
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.008334447

Name:	CORESITE
Address:	1656 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2017
County Code:	43
Air Basin:	SF
Facility ID:	18239
Air District Name:	BA
SIC Code:	7374
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.018849488
Reactive Organic Gases Tons/Yr:	0.016559275208

WORLDCOM (Continued) **S105086617**

Carbon Monoxide Emissions Tons/Yr:	0.058363753
NOX - Oxides of Nitrogen Tons/Yr:	0.326845829
SOX - Oxides of Sulphur Tons/Yr:	0.000405855
Particulate Matter Tons/Yr:	0.00681822
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.006545491

Name:	CORESITE
Address:	1656 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2018
County Code:	43
Air Basin:	SF
Facility ID:	18239
Air District Name:	BA
SIC Code:	7374
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.018861996
Reactive Organic Gases Tons/Yr:	0.016570263486
Carbon Monoxide Emissions Tons/Yr:	0.058402482
NOX - Oxides of Nitrogen Tons/Yr:	0.327062711
SOX - Oxides of Sulphur Tons/Yr:	0.000406125
Particulate Matter Tons/Yr:	0.006822745
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.006549834

Name:	CORESITE
Address:	1656 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2019
County Code:	43
Air Basin:	SF
Facility ID:	18239
Air District Name:	BA
SIC Code:	7374
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.064561426
Reactive Organic Gases Tons/Yr:	0.056717212741
Carbon Monoxide Emissions Tons/Yr:	0.178811415
NOX - Oxides of Nitrogen Tons/Yr:	0.859435945
SOX - Oxides of Sulphur Tons/Yr:	0.00102837
Particulate Matter Tons/Yr:	0.018056343
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.017334089

CERS:

Name:	MCI
Address:	1656 MCCARTHY DRIVE
City,State,Zip:	MILPITAS, CA 95035
Site ID:	255530
CERS ID:	T0608596206
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)

WORLDCOM (Continued) **S105086617**

Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: UST CASE WORKER - SANTA CLARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 4089183400

Name: CORESITE
Address: 1656 MCCARTHY BLVD
City,State,Zip: MILPITAS, CA 95035
Site ID: 462449
CERS ID: 110054255541
CERS Description: US EPA Air Emission Inventory System (EIS)

Name: WORLDCOM
Address: 1656 MCCARTHY BLVD
City,State,Zip: MILPITAS, CA 95035
Site ID: 505755
CERS ID: 110021340592
CERS Description: US EPA Air Emission Inventory System (EIS)

70
WSW
1/4-1/2
0.442 mi.
2333 ft.

Relative:
Higher

Actual:
30 ft.

L S I LOGIC CORP **1000122416**
1501 MCCARTHY BLVD **CAT080033160**
MILPITAS, CA 95035

SEMS-ARCHIVE
RCRA-SQG
CPS-SLIC
SWEEPS UST
HIST UST
CA FID UST
FINDS
ECHO
EMI
CERS

SEMS Archive:
Site ID: 0902705
EPA ID: CAT080033160
Name: LSI LOGIC
Address: 1601 MCCARTHY BLVD
Address 2: Not reported
City,State,Zip: MILPITAS, CA 95035
Cong District: 10
FIPS Code: 06085
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

L S I LOGIC CORP (Continued) **1000122416**

Region: 09
Site ID: 0902705
EPA ID: CAT080033160
Site Name: LSI LOGIC
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1987-11-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0902705
EPA ID: CAT080033160
Site Name: LSI LOGIC
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1986-05-01 04:00:00
Finish Date: 1986-05-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902705
EPA ID: CAT080033160
Site Name: LSI LOGIC
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1987-11-01 05:00:00
Qual: N
Current Action Lead: St Perf

RCRA-SQG:
Date Form Received by Agency: 1998-04-27 00:00:00.0
Handler Name: L S I LOGIC CORP
Handler Address: 1501 MCCARTHY BLVD
Handler City,State,Zip: MILPITAS, CA 95035
EPA ID: CAT080033160
Contact Name: LINDA GEE
Contact Address: 1551 MCCARTHY BLVD M S F 125
Contact City,State,Zip: MILPITAS, CA 95035
Contact Telephone: 408-433-4210
Contact Fax: Not reported

L S I LOGIC CORP (Continued) **1000122416**

Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 1046
Mailing City,State,Zip:	MILPITAS, CA 95035
Owner Name:	L S I LOGIC CO
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

L S I LOGIC CORP (Continued) **1000122416**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-07 16:38:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	L S I LOGIC CO
Legal Status:	Private
Date Became Current:	Not reported

L S I LOGIC CORP (Continued) **1000122416**

Date Ended Current:	Not reported
Owner/Operator Address:	1551 MCCARTHY BLVD
Owner/Operator City,State,Zip:	MILPITAS, CA 95035
Owner/Operator Telephone:	408-433-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-09-01 00:00:00.0
Handler Name: L S I LOGIC CORP	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1981-06-04 00:00:00.0
Handler Name: L S I LOGIC CORP	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-04-27 00:00:00.0
Handler Name: L S I LOGIC CORP	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-04-12 00:00:00.0
Handler Name: LSI LOGIC CORPORATION	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

L S I LOGIC CORP (Continued) **1000122416**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1992-02-27 00:00:00.0
Handler Name:	LSI LOGIC CORPORATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-03-28 00:00:00.0
Handler Name:	LSI LOGIC CORPORATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-02-28 00:00:00.0
Handler Name:	LSI LOGIC CORPORATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-03-04 00:00:00.0
Handler Name:	LSI LOGIC CORPORATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

L S I LOGIC CORP (Continued) **1000122416**

List of NAICS Codes and Descriptions:
NAICS Code: 334413
NAICS Description: SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-05-04 00:00:00.0
Actual Return to Compliance Date:	1995-06-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1995-05-04 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1995-06-02 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

L S I LOGIC CORP (Continued) **1000122416**

CPS-SLIC:

Name:	LSI LOGIC CORPORATION
Address:	1601 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	07/18/2013
Global Id:	T0608591772
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.405803
Longitude:	-121.918169
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	43-1947
File Location:	Regional Board
Potential Media Affected:	Under Investigation
Potential Contaminants of Concern:	* Solvents
Site History:	Solvent UST removed, soil excvated. Case Closure Sumamry attached to NFA letter contains details. No site management requirements needed.

Click here to access the California GeoTracker records for this facility:

SLIC REG 2:

Region:	2
Facility ID:	43-1947
Facility Status:	Pollution Characterization
Date Closed:	Not reported
Local Case #:	43-1947
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	Not reported
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	9/9/1986
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SWEEPS UST:

Name:	LSI LOGIC CORP.
Address:	1601 MCCARTHY BLVD
City:	MILPITAS
Status:	Not reported
Comp Number:	16667
Number:	Not reported
Board Of Equalization:	44-026373
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-011-016667-000001
Tank Status:	Not reported
Capacity:	500

L S I LOGIC CORP (Continued) **1000122416**

Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: 2

Name: LSI LOGIC CORP.
Address: 1601 MCCARTHY BLVD
City: MILPITAS
Status: Not reported
Comp Number: 16667
Number: Not reported
Board Of Equalization: 44-026373
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-011-016667-000002
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: LSI LOGIC CORP.
Address: 1601 MCCARTHY BLVD
City,State,Zip: MILPITAS, CA 95035
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000016667
Facility Type: Other
Other Type: SEMICONDUCTOR MFG.
Contact Name: AL FUDGE
Telephone: 4082639494
Owner Name: LSI LOGIC CORPORATION
Owner Address: 1601 MCCARTHY BLVD.
Owner City,St,Zip: MILPITAS, CA 95035
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1981
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 002
Container Num: 2
Year Installed: 1981
Tank Capacity: 00001000
Tank Used for: WASTE

L S I LOGIC CORP (Continued) **1000122416**

Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

CA FID UST:
Facility ID: 43011714
Regulated By: UTNKA
Regulated ID: 00016667
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4082639494
Mail To: Not reported
Mailing Address: 1601 MCCARTHY BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: MILPITAS 95035
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:
Registry ID: 110000899038

Click Here:

Environmental Interest/Information System:
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000122416
Registry ID: 110000899038
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000899038
Name: LSI LOGIC CORP
Address: 1601 MCCARTHY BLVD
City,State,Zip: MILPITAS, CA 95035

EMI:
Name: LSI LOGIC CORPORATION
Address: 1601 MCCARTHY BLVD
City,State,Zip: MILPITAS, CA 95035
Year: 1987

L S I LOGIC CORP (Continued) **1000122416**

County Code:	43
Air Basin:	SF
Facility ID:	1185
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LSI LOGIC CORPORATION
Address:	1601 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	1990
County Code:	43
Air Basin:	SF
Facility ID:	1185
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	24
Reactive Organic Gases Tons/Yr:	11
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LSI LOGIC CORPORATION
Address:	1601 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	1995
County Code:	43
Air Basin:	SF
Facility ID:	1185
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	21
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LSI LOGIC CORPORATION

L S I LOGIC CORP (Continued) **1000122416**

Address:	1601 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	1996
County Code:	43
Air Basin:	SF
Facility ID:	1185
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LSI LOGIC CORPORATION
Address:	1601 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	1997
County Code:	43
Air Basin:	SF
Facility ID:	1185
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LSI LOGIC CORPORATION
Address:	1601 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	1998
County Code:	43
Air Basin:	SF
Facility ID:	1185
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

L S I LOGIC CORP (Continued) **1000122416**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

CERS:

Name:	LSI LOGIC CORP.
Address:	1601 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Site ID:	251181
CERS ID:	T0608591772
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

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71 **MCCARTHY RANCH** **LUST S110655375**
WNW **MCCARTHY & MAGNOLIA ST BLVD** **CERS N/A**
1/4-1/2 **MILPITAS, CA 95035**
0.463 mi.
2447 ft.

Relative:
Lower

Actual:
27 ft.

LUST:

Name:	MCCARTHY RANCH
Address:	MCCARTHY & MAGNOLIA ST BLVD
City,State,Zip:	MILPITAS, CA 95035
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501651
Global Id:	T0608501651
Latitude:	37.4139707819574
Longitude:	-121.921162605286
Status:	Completed - Case Closed
Status Date:	06/25/1996
Case Worker:	UST
RB Case Number:	Not reported
Local Agency:	SANTA CLARA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608501651
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

MCCARTHY RANCH (Continued) **S110655375**

Global Id: T0608501651
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

LUST:
Global Id: T0608501651
Action Type: ENFORCEMENT
Date: 06/25/1996
Action: Closure/No Further Action Letter

Global Id: T0608501651
Action Type: ENFORCEMENT
Date: 02/20/1996
Action: Notice of Responsibility - #40390

Global Id: T0608501651
Action Type: Other
Date: 09/28/1992
Action: Leak Reported

Global Id: T0608501651
Action Type: RESPONSE
Date: 06/25/1996
Action: Other Report / Document

LUST:
Global Id: T0608501651
Status: Open - Case Begin Date
Status Date: 10/01/1988

Global Id: T0608501651
Status: Open - Site Assessment
Status Date: 10/01/1988

Global Id: T0608501651
Status: Open - Site Assessment
Status Date: 02/01/1989

Global Id: T0608501651
Status: Completed - Case Closed
Status Date: 06/25/1996

LUST SANTA CLARA:
Name: MCCARTHY RANCH
Address: MCCARTHY & MAGNOLIA ST BLVD
City,State,Zip: MILPITAS, CA
Region: SANTA CLARA
SCVWD ID: 06S1W13G01F
Date Closed: 06/25/1996
EDR Link ID: 06S1W13G01F

MCCARTHY RANCH (Continued) **S110655375**

CERS:
- Name: MCCARTHY RANCH
- Address: MCCARTHY & MAGNOLIA ST BLVD
- City,State,Zip: MILPITAS, CA 95035
- Site ID: 191587
- CERS ID: T0608501651
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Local Agency Caseworker
- Entity Name: UST CASE WORKER - SANTA CLARA COUNTY LOP
- Entity Title: Not reported
- Affiliation Address: 1555 Berger Drive, Suite 300
- Affiliation City: SAN JOSE
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: 4089183400

- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
- Entity Title: Not reported
- Affiliation Address: 1515 CLAY ST SUITE 1400
- Affiliation City: OAKLAND
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

72
SSW
1/4-1/2
0.477 mi.
2519 ft.

LSI LOGIC CORP. **ENVIROSTOR** **S110494022**
1601 MC CARTHY BOULEVARD **N/A**
MILPITAS, CA 95035

Relative:
Higher

Actual:
33 ft.

ENVIROSTOR:
- Name: LSI LOGIC CORP.
- Address: 1601 MC CARTHY BOULEVARD
- City,State,Zip: MILPITAS, CA 95035
- Facility ID: 71003548
- Status: Inactive - Needs Evaluation
- Status Date: Not reported
- Site Code: Not reported
- Site Type: Tiered Permit
- Site Type Detailed: Tiered Permit
- Acres: Not reported
- NPL: NO
- Regulatory Agencies: NONE SPECIFIED
- Lead Agency: NONE SPECIFIED
- Program Manager: Nicole Yuen
- Supervisor: Julie Pettijohn
- Division Branch: Cleanup Berkeley
- Assembly: 25
- Senate: 10
- Special Program: Not reported
- Restricted Use: NO
- Site Mgmt Req: NONE SPECIFIED

LSI LOGIC CORP. (Continued) **S110494022**

Funding:	Not reported
Latitude:	37.40512
Longitude:	-121.9182
APN:	08603043
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	08603043
Alias Type:	APN
Alias Name:	CAT080033160
Alias Type:	EPA Identification Number
Alias Name:	110000899038
Alias Type:	EPA (FRS #)
Alias Name:	71003548
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

73
WNW
1/4-1/2
0.480 mi.
2532 ft.

MCCARTHY RANCH
MCCARTHY & MAGNOLIA
MILPITAS, CA

HIST CORTESE **S105024977**
N/A

Relative:
Lower

Actual:
26 ft.

HIST CORTESE:

edr_fname:	MCCARTHY RANCH
edr_fadd1:	MCCARTHY & MAGNOLIA
City,State,Zip:	MILPITAS, CA
Region:	CORTESE
Facility County Code:	43
Reg By:	LTNKA
Reg Id:	43-1710

74
SSW
1/2-1
0.548 mi.
2893 ft.

SILICON MICROSTRUCTURES, INC
1701 MC CARTHY BL
MILPITAS, CA 95035

ENVIROSTOR
CERS HAZ WASTE
CUPA Listings
CERS

S110494295
N/A

Relative:
Higher

Actual:
32 ft.

ENVIROSTOR:

Name:	SILICON MICROSTRUCTURES, INC.
Address:	1701 MC CARTHY BOULEVARD
City,State,Zip:	MILPITAS, CA 95035
Facility ID:	71003092
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Berkeley
Assembly:	25
Senate:	10
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.40320
Longitude:	-121.9162
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD982501066
Alias Type:	EPA Identification Number
Alias Name:	71003092
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

CERS HAZ WASTE:

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

Name: SILICON MICROSTRUCTURES, INC
Address: 1701 MC CARTHY BL
City,State,Zip: MILPITAS, CA 95035
Site ID: 402214
CERS ID: 10120786
CERS Description: Hazardous Waste Generator

Name: SILICON MICROSTRUCTURES, INC
Address: 1701 MC CARTHY BL
City,State,Zip: MILPITAS, CA 95035
Site ID: 402214
CERS ID: 10120786
CERS Description: Hazardous Waste Onsite Treatment

Name: SILICON MICROSTRUCTURES, INC
Address: 1701 MC CARTHY BL
City,State,Zip: MILPITAS, CA 95035
Site ID: 402214
CERS ID: 10120786
CERS Description: RCRA LQ HW Generator

CUPA SANTA CLARA:
Name: SILICON MICROSTRUCTURES, INC
Address: 1701 MC CARTHY BL
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: Not reported
Program Description: GENERATES 5 TO <25 TONS/YR (RCRA LQG)
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.403425
Longitude: -121.915831
Record ID: PR0314021
Facility ID: FA0202516

Name: SILICON MICROSTRUCTURES, INC
Address: 1701 MC CARTHY BL
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: 2261
Program Description: PERMIT BY RULE (PBR)
Program Identifier: DEH PERMIT-ONSITE HAZ WASTE TREATMENT/TIERED PERMIT PROGRAM
Latitude: 37.403425
Longitude: -121.915831
Record ID: PR0364822
Facility ID: FA0202516

Name: SILICON MICROSTRUCTURES, INC
Address: 1701 MC CARTHY BL
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: 2263
Program Description: CONDITIONALLY EXEMPT (CE)
Program Identifier: DEH PERMIT-ONSITE HAZ WASTE TREATMENT/TIERED PERMIT PROGRAM
Latitude: 37.403425
Longitude: -121.915831
Record ID: PR0364823
Facility ID: FA0202516

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

Name: SILICON MICROSTRUCTURES, INC
Address: 1701 MC CARTHY BL
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: 2263
Program Description: CONDITIONALLY EXEMPT (CE)
Program Identifier: DEH PERMIT-ONSITE HAZ WASTE TREATMENT/TIERED PERMIT PROGRAM
Latitude: 37.403425
Longitude: -121.915831
Record ID: PR0364824
Facility ID: FA0202516

Name: SILICON MICROSTRUCTURES, INC
Address: 1701 MC CARTHY BL
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: Not reported
Program Description: HMBP FACILITY, 16-21 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.403425
Longitude: -121.915831
Record ID: PR0385010
Facility ID: FA0202516

CERS:
Name: SILICON MICROSTRUCTURES, INC
Address: 1701 MC CARTHY BL
City,State,Zip: MILPITAS, CA 95035
Site ID: 402214
CERS ID: 10120786
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 03-11-2020
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Tiered Permitting - Administration/Documentation - General
Violation Notes: Returned to compliance on 04/09/2020. Facility is utilizing the financial test and corporate guarantee for closure as the financial assurance; however, facility failed to submit the following required documentation: *Letter signed by the Chief Financial Officer (CFO) with required wording specified in 66264.151(f), or use DTSC form 1159U. *Corporate guarantee with language from 66264.151(h)(1), or use DTSC form 1173U. *Special report containing required information in 66265.143(e)(3)(C). *Copy of independent certified public accountant's report on examination of financial statements for latest completed fiscal year (fiscal year ends on last friday of September). Note: Reviewed 2018 report.
Violation Division: Santa Clara County Environmental Health
Violation Program: PBR
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 01-13-2017

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	RCRA Large Quantity Generator - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes:	Returned to compliance on 03/20/2017. In 2015, facility discharged high pH waste (~13) to the POTW. Facility has since taken actions to minimize the risk to hazardous waste discharges to the POTW. Provide additional details regarding the event. Include the pH of the discharge, total discharge (or flow rate x duration), and cause of the event.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	06-22-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Not reported
Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	01-26-2015
Citation:	HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes:	Returned to compliance on 03/19/2015.
Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	01-13-2017
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if the waste generated is a hazardous waste.
Violation Notes:	Returned to compliance on 03/20/2017. Facility sends positive photo resist waste to the solvent tank. Positive photo resist observed on-site contains novalak resin (containing cresol) and solvent waste needs to be evaluated for applicability of a D023-D026.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	04-23-2014
Citation:	HSC 6.95 25510 - California Health and Safety Code, Chapter 6.95, Section(s) 25510
Violation Description:	Failure to update hazardous material inventory within 30 days when one of the following occurs: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials A change of business address, business ownership, or business name.
Violation Notes:	Returned to compliance on 04/29/2014.
Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	03-25-2014
Citation:	22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7)
Violation Description:	Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number.
Violation Notes:	Returned to compliance on 10/13/2014. THE TREATMENT TANK WAS NOT MARKED AS REQUIRED.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	PBR
Violation Source:	CERS

Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	12-07-2015
Citation:	HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes:	Not reported
Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	03-10-2014
Citation:	HSC 6.95 25510 - California Health and Safety Code, Chapter 6.95, Section(s) 25510
Violation Description:	Failure to update hazardous material inventory within 30 days when one of the following occurs: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials A change of business address, business ownership, or business name.
Violation Notes:	Returned to compliance on 04/29/2014.
Violation Division:	Milpitas City Fire Department

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

Violation Program: HMRRP
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 03-25-2014
Citation: 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description: Failure to send hazardous waste manifest copies to DTSC.
Violation Notes: Returned to compliance on 10/14/2014. THE FACILITY IS CURRENTLY NOT SUBMITTING THE GENERATOR COPY TO DTSC.
Violation Division: Santa Clara County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 03-25-2014
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Returned to compliance on 10/13/2014. ANNUAL HAZARDOUS WASTE TRAINING FOR ALL HAZARDOUS WASTE HANDLERS HAS NOT BEEN CONDUCTED.
Violation Division: Santa Clara County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 03-11-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 04/09/2020. The hazardous materials inventory most recently submitted on 2-28-2020 failed to include the following reportable hazardous materials: Oxygen (3x180 L) (liquid)

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

	Silane (2x~250 cubic feet)
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	01-13-2017
Citation:	22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description:	Failure to provide employees with hazardous waste training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility.
Violation Notes:	Returned to compliance on 03/20/2017. Facility maintains detailed training records but they do not fully satisfy the requirements identified below (eg. written job descriptions).
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	05-18-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Not reported
Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	12-16-2014
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 01/26/2015.
Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	11-21-2013
Citation:	HSC 6.95 25510 - California Health and Safety Code, Chapter 6.95, Section(s) 25510
Violation Description:	Failure to update hazardous material inventory within 30 days when one

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

of the following occurs: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials A change of business address, business ownership, or business name.

Violation Notes: Returned to compliance on 04/29/2014.
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 03-25-2014
Citation: 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description: Failure to maintain, reproduce, and provide the following documents at the facility where the FTU is operating: 1) The waste analysis plan for the treatment operation; 2) The written inspection schedule; 3) All training documents; 4) The contingency plan; 5) A copy of the most recent treatment notification and a copy of the most recent acknowledgement received from the Department, CUPA or authorized agency; 6) A copy of any local Air District permit and other permits required for the operation of the FTU; 7) A copy of the closure plan; 8) A copy of documents related to the environmental investigation and any cleanup, abatement or other necessary remedial action taken; and 9) Documentation of any convictions, judgments, settlements, or orders resulting from any action by any local, State, or federal environmental or public health enforcement agency concerning the operation of the facility within the last three years, as the documents would be available under the California Public Records Act.
Violation Notes: Returned to compliance on 09/24/2014. A PHASE I ENVIRONMENTAL ASSESSMENT WAS UNAVAILABLE DURING THE INSPECTION.
Violation Division: Santa Clara County Environmental Health
Violation Program: PBR
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 01-13-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/20/2017. Facility failed to mark the solvent and hydrofluoric acid tank with the words "hazardous waste". Pickup dates are available in a consolidated record stored in the middle of the treatment area. Place the accumulation start date and "hazardous waste" marking on or as near as possible to each corresponding waste tank. REPEAT VIOLATION FROM INSPECTION PERFORMED ON 3-25-14.
Violation Division: Santa Clara County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

Violation Date:	08-09-2007
Citation:	HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description:	RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 08/09/2007.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	01-13-2017
Citation:	22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
Violation Description:	Failure of generator to obtain assessment or reassessment every five (5) years or the remaining service life of the tank system, as stated in the engineer's assessment, whichever is less. This assessment applies to onground or aboveground tank systems containing only non-RCRA hazardous wastes generated onsite, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes:	Tank system assessment was performed in 2014 for the acid waste neutralization tank system but assessment failed to include all elements identified in 66262.192(k). REPEAT VIOLATION FROM INSPECTION PERFORMED ON 3-25-2014.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	01-13-2017
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Tiered Permitting - Administration/Documentation - General
Violation Notes:	Facility provided a letter of credit as financial assurance however the letter of credit failed to use required wording in 66264.151(d), provide an originally signed copy of the standby trust agreement, and was not set-up for automatic renewal, among other things. For complete requirements see 66265.143 (b).
Violation Division:	Santa Clara County Environmental Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	01-13-2017
Citation:	22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description:	Failure to maintain the required documents at the facility where the FTU is operating and upon request make these documents available to authorized agency, DTSC, the CUPA, or EPA, or local government agency.
Violation Notes:	Returned to compliance on 03/20/2017. Facility does not have a waste analysis plan with required information identified below. REPEAT

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

VIOLATION FROM INSPECTION PERFORMED ON 3-25-2014. Address influent to the treatment system including metal and hydrofluoric acid rinses.

Violation Division: Santa Clara County Environmental Health
Violation Program: PBR
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 03-25-2014
Citation: 22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k)
Violation Description: Failure of the new hazardous waste tank assessment to include all of the following information: 1) Tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2) Design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information: A) Material of construction; B) material thickness and the method used to determine the thickness; C) description of tank system piping (material, diameter); D) description of any internal and external pumps; and E) sketch or drawing of tank including dimensions. 3) Documented age of the tank system (if tank was previously used), if available, (otherwise, an estimate of the age); 4) Description and evaluation of any leak detection equipment; 5) Description and evaluation of any corrosion protection equipment, devices, or material; 6) Description and evaluation of any spill prevention or overfill equipment; 7) Description and evaluation of secondary containment for the tank system (secondary containment must meet minimum standards as specified in subsections (j)(1) through (j)(3) of this section) including applicable secondary containment for ancillary equipment as required in subsection 66265.193(f); 8) Hazardous characteristics of the waste(s) that have been or will be handled; 9) Prior to placing a new tank system or component in use, an independent, qualified installation inspector or an independent, qualified, professional engineer, registered in California, either of whom is trained and experienced in the proper installation of tank systems, shall inspect the system or component for the presence of any of the following items and document in writing the results of the inspection: A) Weld cracks or breaks; B) scrapes of protective coatings; C) corrosion; D) any structural damage or inadequate construction or installation such as cracks, punctures, damaged fittings. All discrepancies shall be documented in the assessment and remedied before the tank syste
Violation Notes: Returned to compliance on 10/13/2014. THE LAST TANK ASSESSMENT WAS CONDUCTED MORE THAN 5 YEARS AGO (2007) ON THE TREATMENT TANK. THE FACILITY IS A LARGE QUANTITY GENERATOR AND REQUIRES THAT ALL TANKS HOLDING HAZARDOUS WASTE AND REQUIRE A TANK ASSESSMENT. THE TANK ASSESSMENT SHALL INCLUDE THE TREATMENT TANK, WASTE SOLVENT AND WASTE HF TANK IN THE PIT.
Violation Division: Santa Clara County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 06-13-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Not reported
Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	03-11-2020
Citation:	22 CCR 12 66262.23(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)
Violation Description:	Failure to properly complete the Uniform Hazardous Waste Manifest.
Violation Notes:	Returned to compliance on 04/09/2020. The following uniform hazardous waste manifests were improperly completed: All manifests for profile "SJ93-0378D" (for example see manifest #014218069FLE shipped on 10-07-2019, or 013228392FLE shipped on 7-15-2019) - Failed to include an "RQ" when shipping greater than 100 lbs of unlisted D002 waste (Hydrofluoric acid, Ammonium fluoride). Correct all manifests with this issue.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	03-25-2014
Citation:	HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description:	Tiered Permitting Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 10/10/2014.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	03-25-2014
Citation:	22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description:	Failure to maintain, reproduce, and provide the following documents at the facility where the FTU is operating: 1) The waste analysis plan for the treatment operation; 2) The written inspection schedule; 3) All training documents; 4) The contingency plan; 5) A copy of the most recent treatment notification and a copy of the most recent acknowledgement received from the Department, CUPA or authorized agency; 6) A copy of any local Air District permit and other permits required for the operation of the FTU; 7) A copy of the closure plan; 8) A copy of documents related to the environmental investigation and any cleanup, abatement or other necessary remedial action taken; and 9) Documentation of any convictions, judgments, settlements, or orders resulting from any action by any local, State, or federal environmental or public health enforcement agency concerning the operation of the facility within the last three years, as the documents would be available under the California Public Records Act.
Violation Notes:	Returned to compliance on 10/15/2014. AN INSPECTION SCHEDULE AND LOG

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

HAS NOT BEEN CREATED.
Violation Division: Santa Clara County Environmental Health
Violation Program: PBR
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 12-06-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 01-13-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Tiered Permitting - Administration/Documentation - General
Violation Notes: Returned to compliance on 03/20/2017. Facility does not have a plot plan detailing where the hazardous waste treatment(s) will occur, identification of the specific waste type(s) to be treated, and a description of the treatment process(es) to be used. [CCR 67450.2(b)(3)(B)]
Violation Division: Santa Clara County Environmental Health
Violation Program: PBR
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 03-25-2014
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if the waste generated is a hazardous waste.
Violation Notes: Returned to compliance on 10/10/2014. OBSERVED A 5 GALLON YELLOW CONTAINER MARKED AS "CORROSIVE" BUT IT DIDN'T APPEAR THAT THE CONTENTS MATCHED THE DESCRIPTION ON THE HAZARDOUS WASTE LABEL.
Violation Division: Santa Clara County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 01-13-2017
Citation: 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description: Failure to maintain the required documents at the facility where the FTU is operating and upon request make these documents available to authorized agency, DTSC, the CUPA, or EPA, or local government agency.
Violation Notes: Returned to compliance on 03/20/2017. While facility has a closure cost quote and decontamination plan, facility does not have a complete closure plan per requirements below. REPEAT VIOLATION FROM INSPECTION

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

PERFORMED ON 3-25-2014.
Violation Division: Santa Clara County Environmental Health
Violation Program: PBR
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 03-11-2020
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
Violation Description: Failure of generator to obtain assessment or reassessment every five (5) years or the remaining service life of the tank system, as stated in the engineer's assessment, whichever is less. This assessment applies to onground or aboveground tank systems containing only non-RCRA hazardous wastes generated onsite, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes: Returned to compliance on 04/09/2020. Most recent tank system assessment dated 11-13-2019 had the following issues: 1) System age identified as 23 years old which makes this tank a "new tank"; however, facility failed to ensure the system was assessed as a new tank (66265.192(k)(1)-(11)) 2) Assessment inaccurately describes the system was modified as follows: "Two additional holding tanks, one (1) for wastes with high acid concentrations, low pH, and one (1) for wastes with high base concentrations, high pH, were added to the system to help prevent system slugging and to reduce the use of neutralizing chemicals." These two holding tanks have been acquired, but have not been used or incorporated into the system in any way. 3) Report misidentifies Ammonium Hydroxide (NH4OH) as Ammonium Nitrate and indicates it is one of the waste waters received by the treatment system.
Violation Division: Santa Clara County Environmental Health
Violation Program: PBR
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 01-13-2017
Citation: 22 CCR 12 66262.23(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)
Violation Description: Failure to properly complete the Uniform Hazardous Waste Manifest.
Violation Notes: Returned to compliance on 03/20/2017. A review of both the "GENERATOR'S INITIAL COPY" and the "DESIGNATED FACILITY TO GENERATOR" copy of manifest # 009882289FLE shipped on 6-30-2016 indicate that the generator failed to provide a date at the time of signature. Determine when this was signed and submit a correction letter to the state.
Violation Division: Santa Clara County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 11-21-2013
Citation: HSC 6.95 25504(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(c)

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

Violation Description: Failure to include provisions in the business plan to ensure that appropriate personnel receive initial and annual training.
Violation Notes: Returned to compliance on 03/10/2014.
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 01-13-2017
Citation: 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description: Failure to maintain the required documents at the facility where the FTU is operating and upon request make these documents available to authorized agency, DTSC, the CUPA, or EPA, or local government agency.
Violation Notes: Returned to compliance on 03/20/2017. Facility does not have a hazardous waste treatment log as required in item 5 identified below. At a minimum, create and complete log once a year. REPEAT VIOLATION FROM INSPECTION PERFORMED ON 3-25-2014.
Violation Division: Santa Clara County Environmental Health
Violation Program: PBR
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 03-06-2015
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes: Returned to compliance on 03/19/2015.
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 12-06-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Not reported
Violation Division: Milpitas City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 03-11-2020
Citation: 22 CCR 45 67450.3(c)(8)(A)(c)(9)(A) - California Code of Regulations,

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

	Title 22, Chapter 45, Section(s) 67450.3(c)(8)(A)(c)(9)(A)
Violation Description:	Failure of an owner or operator to obtain a detailed chemical and physical analysis of a representative sample of the waste, which includes all information necessary to manage waste in accordance with the requirements, and to meet LDR requirements; Failure to analyze wastes according to the frequency specified in the plan and to retain waste analysis documentation for three years.
Violation Notes:	Returned to compliance on 04/09/2020. Facility unable to provide a waste analysis plan at time of inspection. Ensure the waste analysis plan addresses the following wastes that enter the treatment system: Waters containing fluoride (determine if hazardous waste and how it is treated) Nitric Acid (determine if an oxidizer per 261.21) Photo resist (determine if hazardous waste and if eligible for treatment) Any other waste that may be an oxidizer (eg hydrogen peroxide)
Violation Division:	Santa Clara County Environmental Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	03-10-2014
Citation:	HSC 6.95 25504(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(c)
Violation Description:	Failure to include provisions in the business plan to ensure that appropriate personnel receive initial and annual training.
Violation Notes:	Returned to compliance on 03/10/2014.
Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	12-16-2014
Citation:	HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes:	Returned to compliance on 03/19/2015.
Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	03-25-2014
Citation:	22 CCR 15 66265.195(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(a)
Violation Description:	Failure of the owner or operator to conduct inspections and maintain inspection records at the facility of the following tank equipment: 1) Overfill/spill control equipment (e.g., waste-feed cutoff systems, bypass systems, and drainage systems) to ensure that it is in good working order; 2) The aboveground portions of the tank system, if any, to detect corrosion or releases of waste; 3) Data gathered from

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

monitoring equipment and leak-detection equipment, (e.g., pressure and temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design; 4) The construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment structures (e.g., dikes) to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation); and 5) For uncovered tanks, the level of waste in the tank, to ensure compliance with section 66265.194(b)(3).

Violation Notes: Returned to compliance on 06/27/2014. TANK INSPECTION FOR THE WASTE SOLVENT, WASTE HF AND TREATMENT HAVE NOT BEEN CONDUCTED ALL CRITERIA.
Violation Division: Santa Clara County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 03-25-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 04/07/2014. THE FOLLOWING CONTAINERS WERE NOT MARKED AS REQUIRED: -SEVERAL SATELLITE CONTAINERS THROUGH THE FACILITY WERE MISSING THE ACCUMULATION START DATE OR WAS DATED LONGER THAN THE 90 DAYS BUT THE CONTAINERS ARE EMPTIED DAILY. CHEM LAB -OBSERVED 2 X 5 GALLON CONTAINERS MISSING THE START DATE AND HAZARD PROPERTY FACILITIES PAD -1000 GALLON SOLVENT TANK AND A 600 GALLON HF TANK NOT MARKED WITH THE WORD "HAZARDOUS WASTE" AND THE ACCUMULATION DATE. RECOMMEND MARKING THE CONTENTS OF THE TANK. -OBSERVED A 5 GALLON CONTAINER FOR THE PHOTO RESIST MISSING THE START DATE.
Violation Division: Santa Clara County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 01-13-2017
Citation: 22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k)
Violation Description: Failure to include all required information in the new tank system assessment.
Violation Notes: Tank system assessment was performed in 2014 for the solvent and hydrofluoric acid tank but assessment failed to include all elements identified in 66262.192(k).
Violation Division: Santa Clara County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 02-05-2016
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

	one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes:	Not reported
Violation Division:	Milpitas City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	03-25-2014
Citation:	22 CCR 45 67450.13(a)(1) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(1)
Violation Description:	Failure to prepare a written estimate of the cost of closing each unit which includes the cost that would be incurred for closing a treatment unit when using the owner or operator or generator's own staff and/or personal equipment taking into account any salvage value that may be realized from the sale of wastes, facility structure or equipment, land or other facility assets. This estimate shall be submitted as an attachment to the Certification of Financial Assurance for Permit by Rule and Conditionally Authorized Operations/ Maintenance page(s) of the Unified Program Consolidated Form (x/99)).
Violation Notes:	Returned to compliance on 10/13/2014. A CLOSURE COST ESTIMATE WAS NOT AVAILABLE.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	402214
Site Name:	SILICON MICROSTRUCTURES, INC
Violation Date:	03-25-2014
Citation:	22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description:	Failure to maintain, reproduce, and provide the following documents at the facility where the FTU is operating: 1) The waste analysis plan for the treatment operation; 2) The written inspection schedule; 3) All training documents; 4) The contingency plan; 5) A copy of the most recent treatment notification and a copy of the most recent acknowledgement received from the Department, CUPA or authorized agency; 6) A copy of any local Air District permit and other permits required for the operation of the FTU; 7) A copy of the closure plan; 8) A copy of documents related to the environmental investigation and any cleanup, abatement or other necessary remedial action taken; and 9) Documentation of any convictions, judgments, settlements, or orders resulting from any action by any local, State, or federal environmental or public health enforcement agency concerning the operation of the facility within the last three years, as the documents would be available under the California Public Records Act.
Violation Notes:	Returned to compliance on 10/13/2014. RECORDS DESCRIBING THE QUANTITY OF HAZARDOUS WASTE TREATED AND METHOD(S) AND DATE(S) OF ITS TREATMENT AT THE FACILITY WERE NOT AVAILABLE.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	PBR
Violation Source:	CERS

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 03-25-2014
Citation: 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description: Failure to maintain, reproduce, and provide the following documents at the facility where the FTU is operating: 1) The waste analysis plan for the treatment operation; 2) The written inspection schedule; 3) All training documents; 4) The contingency plan; 5) A copy of the most recent treatment notification and a copy of the most recent acknowledgement received from the Department, CUPA or authorized agency; 6) A copy of any local Air District permit and other permits required for the operation of the FTU; 7) A copy of the closure plan; 8) A copy of documents related to the environmental investigation and any cleanup, abatement or other necessary remedial action taken; and 9) Documentation of any convictions, judgments, settlements, or orders resulting from any action by any local, State, or federal environmental or public health enforcement agency concerning the operation of the facility within the last three years, as the documents would be available under the California Public Records Act.
Violation Notes: Returned to compliance on 10/15/2014. A WASTE ANALYSIS PLAN HAS NOT BEEN CREATED.
Violation Division: Santa Clara County Environmental Health
Violation Program: PBR
Violation Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Violation Date: 03-25-2014
Citation: 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description: Failure to maintain, reproduce, and provide the following documents at the facility where the FTU is operating: 1) The waste analysis plan for the treatment operation; 2) The written inspection schedule; 3) All training documents; 4) The contingency plan; 5) A copy of the most recent treatment notification and a copy of the most recent acknowledgement received from the Department, CUPA or authorized agency; 6) A copy of any local Air District permit and other permits required for the operation of the FTU; 7) A copy of the closure plan; 8) A copy of documents related to the environmental investigation and any cleanup, abatement or other necessary remedial action taken; and 9) Documentation of any convictions, judgments, settlements, or orders resulting from any action by any local, State, or federal environmental or public health enforcement agency concerning the operation of the facility within the last three years, as the documents would be available under the California Public Records Act.
Violation Notes: Returned to compliance on 10/13/2014. A WRITTEN CLOSURE PLAN HAS NOT BEEN PREPARED.
Violation Division: Santa Clara County Environmental Health
Violation Program: PBR
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-13-2017
Violations Found: Yes
Eval Type: Routine done by local agency

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

Eval Notes:	1 acid waste neutralization system on-site. Corrosive waste (concentrated and dilute forms) from the fab and scrubber system is sent to the waste treatment system for pH adjustment. Concentrated corrosive baths, rinses including metal and hydrofluoric acid, and corrosives from container rinsing are sent via gravity to the 1st of 3 tanks in an below grade tank. pH adjustment occurs in 3 tanks. All three tanks and final sample point have independent pH probes that are calibrated and cleaned monthly (log reviewed). pH that is out of specification (outside pH 6.5-11.5 parameters) in tank 3 triggers a text to the facility and maintenance team's phones. Further deviations from this pH results in an audible alarm. pH that doesn't meet POTW discharge allowance is detected via the tank 3 probe and will activate a rejection mode, closing off flow to the POTW and collecting in multiple 100+ gallon sized backup tanks which are piped to return waste to tank 1. Facility appears [Truncated]
Eval Division:	Santa Clara County Environmental Health
Eval Program:	PBR
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-13-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility is a RCRA large quantity generator (LQG). Facility primarily manufactures sensors for pressure sensing. Examples of some of the paperwork that was reviewed include: Uniform Hazardous Waste Manifests Consolidated Manifests Bills of Lading Hazardous Waste Tank Assessments Biennial Report Waste Minimization Plan (SB14) Documented Tank Inspections Training & Training Records
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-26-2015
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection is a follow up to the routine inspection dated 12/16/2014. All violations observed during that inspection were not corrected.
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-05-2016
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Annual Facility Review --
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-06-2015
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection is a follow up to the routine inspection dated 12/16/2014.

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

	All violations observed during that inspection were not corrected.
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-10-2014
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection is a follow up to the routine inspection dated 11/21/2013. All violations observed during that inspection were not corrected.
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-11-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Acid waste neutralization system on-site. Corrosive waste (concentrated and dilute forms) from the fab and scrubber system is sent to the waste treatment system for pH adjustment. Concentrated corrosive baths, rinses including metal and hydrofluoric acid, and corrosives from container rinsing are sent via gravity to the 1st of 3 tanks in an below grade vault. pH adjustment occurs in 3 tanks. All three tanks, sample point, and final effluent have independent pH probes that are calibrated and cleaned no less than monthly (log reviewed). Additionally, valves and pipes are checked periodically. pH that is out of specification (outside pH 6.5-11.5 parameters) in tank 3 triggers a text to the facility and maintenance team's phones. Further deviations from this pH results in an audible alarm. pH that doesn't meet POTW discharge allowance is detected via the tank 3 probe and will activate a rejection mode, closing off flow to the POTW and returning it back via piping into tank [Truncated]
Eval Division:	Santa Clara County Environmental Health
Eval Program:	PBR
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-11-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	EPA ID # CAD982501066. Facility is a RCRA large quantity generator (LQG) in at least some months of the year. Facility primarily manufactures sensors for pressure sensing. Waste solvent tank is single walled but in an appropriately sized secondary containment. Secondary containment has a sensor that provides a alarm should liquid be detected. A high level alarm is triggered once reaching approximately 3/4 capacity full. Reviewed documentation including: Uniform Hazardous Waste Manifests Land Disposal Restrictions (LDRs) Bills of Lading Hazardous Waste Tank Assessments (dated 11-13-2019) Biennial Report (2019 reporting year) Waste Minimization Plan (SB14) (August 2019) Documented Tank Inspections Training & Training Records
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-11-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility most recently electronically submitted a Hazardous Materials Business Plan (HMBP) on 2-28-2020 (facility info, inventory) and 11-19-2019 (plans). Reportable hazardous materials include, but are not limited to: GAS LIQUID Argon Nitrogen Carbon Dioxide Oxygen Helium Diesel fuel Hydrogen Sulfuric Acid Oxygen Waste hydrofluoric acid Nitrogen Sodium Hydroxide Nitrous Oxide Waste flammables Silane Dichlorosilane Reviewed documents including: Most recent CERS submission HMBP & Emergency Response Training (dated 7-18-2019) HMBP property owner notification letter (dated 2-22-2020 and addressed to new property owner after recent change of ownership) NOTE 1: North orientation on map 2 and map 3 points generally in a north direction, but it appears to be off by 30-40 degrees. Ensure this is updated to provide a true north orientation. NOTE 2: Permit to be adjusted to BP05 (16-21 [Truncated]
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-25-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	***PLEASE PROVIDE A WASTE FLOW CHART THAT DESCRIBES THE WASTE PATH FROM THE CLEAN ROOM TO THE TREATMENT UNIT, HOW IS TREATMENT ACCOMPLISHED AND HOW DOES THE FACILITY CONFIRM TREATMENT WAS SUCCESSFUL.
Eval Division:	Santa Clara County Environmental Health
Eval Program:	PBR
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-25-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	THE ORIGINAL INSPECTION WALK TROUGH COMMENCED MARCH 21, 2014 AND CONCLUDED TODAY.
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	04-04-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection is a follow up to the routine inspection dated 12/07/2015. All violations observed during that inspection were not corrected.
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	04-23-2014
Violations Found:	Yes

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection is a follow up to the routine inspection dated 11/21/2013. All violations observed during that inspection were not corrected.
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-23-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection is a follow up to the routine inspection dated 12/16/2014. All violations observed during that inspection were not corrected.
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-18-2017
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-13-2016
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection is a follow up to the routine inspection dated 12/07/2015. All violations observed during that inspection were not corrected.
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-22-2017
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Milpitas City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-09-2007
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector Name: NIcole Pullman
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-21-2013
Violations Found:	Yes

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

Eval Type: Routine done by local agency
Eval Notes: Annual Facility Review --
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-06-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual Facility Review --
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-16-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual Facility Review --
Eval Division: Milpitas City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Site Address: 1701 MC CARTHY BL
Site City: MILPITAS
Site Zip: 95035
Enf Action Date: 03-25-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: HWLQG
Enf Action Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Site Address: 1701 MC CARTHY BL
Site City: MILPITAS
Site Zip: 95035
Enf Action Date: 03-25-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

Enf Action Program: PBR
Enf Action Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Site Address: 1701 MC CARTHY BL
Site City: MILPITAS
Site Zip: 95035
Enf Action Date: 08-09-2007
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: HWLQG
Enf Action Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Site Address: 1701 MC CARTHY BL
Site City: MILPITAS
Site Zip: 95035
Enf Action Date: 11-21-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Milpitas City Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Site Address: 1701 MC CARTHY BL
Site City: MILPITAS
Site Zip: 95035
Enf Action Date: 12-06-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Milpitas City Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 402214
Site Name: SILICON MICROSTRUCTURES, INC
Site Address: 1701 MC CARTHY BL
Site City: MILPITAS
Site Zip: 95035
Enf Action Date: 12-16-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Milpitas City Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1701 McCarthy Blvd.
Affiliation City:	Milpitas
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95035
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Meriwether Partners, LLC
Entity Title:	Not reported
Affiliation Address:	1191 Second Avenue, suite 1650
Affiliation City:	Seattle
Affiliation State:	WA
Affiliation Country:	United States
Affiliation Zip:	98101
Affiliation Phone:	(206) 816-1573
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400
Affiliation Type Desc:	Environmental Contact
Entity Name:	Mick Karaniuk
Entity Title:	Not reported
Affiliation Address:	1701 McCarthy Blvd.
Affiliation City:	Milpitas
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95035
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Greg Hart
Entity Title:	EHS Analyst
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	SILICON MICROSTRUCTURE, INC.
Entity Title:	Not reported
Affiliation Address:	1701 McCarthy Blvd.
Affiliation City:	Milpitas
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95035

SILICON MICROSTRUCTURES, INC (Continued) **S110494295**

Affiliation Phone:	(408) 577-0100
Affiliation Type Desc:	Operator
Entity Name:	SILICON MICROSTRUCTURES, INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 577-0100
Affiliation Type Desc:	Document Preparer
Entity Name:	Lana Spencer, LMS Environmental
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Onsite Treatment Unit Owner Operator
Entity Name:	Greg Hart
Entity Title:	EHS Analyst
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Onsite Treatment Unit Owner Operator
Entity Name:	Doug Brown
Entity Title:	Facility Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	SILICON MICROSTRUCTURES, INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

75
SE
1/2-1
0.628 mi.
3314 ft.

DISC STAMPERS LLC
1003 MONTAGUE CT
MILPITAS, CA 95035

ENVIROSTOR **S110493787**
N/A

Relative:
Higher

Actual:
38 ft.

ENVIROSTOR:

Name:	DISC STAMPERS LLC
Address:	1003 MONTAGUE CT
City,State,Zip:	MILPITAS, CA 95035
Facility ID:	71004097
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Berkeley
Assembly:	25
Senate:	10
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.41498
Longitude:	-121.8846
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAL000313578
Alias Type:	EPA Identification Number
Alias Name:	71004097
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

76
ESE
1/2-1
0.630 mi.
3324 ft.

MILPITAS SENIOR HOUSING PROJECT
1600 S. MAIN STREET
MILPITAS, CA 95035

ENVIROSTOR
CPS-SLIC
HIST UST
CERS

U001601442
N/A

Relative:
Higher

Actual:
35 ft.

ENVIROSTOR:

Name:	KAISER EXPERIMENTAL LAB
Address:	1600 S. MAIN STREET
City,State,Zip:	MILPITAS, CA 95035
Facility ID:	43730001
Status:	Refer: 1248 Local Agency
Status Date:	08/27/2009
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0
NPL:	NO
Regulatory Agencies:	SANTA CLARA COUNTY
Lead Agency:	SANTA CLARA COUNTY
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	25
Senate:	10
Special Program:	* Site Char & Assess Grant (CERCLA 104)
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.40689
Longitude:	-121.9028
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS * Laboratory Waste Chemicals * ORGANIC LIQUIDS WITH METALS * OTHER ORGANIC SOLIDS * OXYGENATED SOLVENTS * UNSPECIFIED OIL CONTAINING WASTE * OTHER INORGANIC SOLID WASTE
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	KAISER REFRACTORIES (LAB DIVISION)
Alias Type:	Alternate Name
Alias Name:	LOINGERS AUTO CENTER
Alias Type:	Alternate Name
Alias Name:	CAD980637490
Alias Type:	EPA Identification Number
Alias Name:	43730001
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	03/10/1982
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	03/30/1993
Comments:	Additional work is required. The site is not adequately

MILPITAS SENIOR HOUSING PROJECT (Continued) **U001601442**

characterized. RWQCB was working on removal of about 15 cubic yards of contaminated soil, but there is no documentation showing this is complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/08/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 09/21/2009
Comments: The County of Santa Clara notified DTSC that it intends to act as lead agency on the investigation and cleanup of this site. DTSC had no objections.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/30/1997
Comments: Milpitas Fire Dept. oversaw a cleanup. Residual levels below PRGs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 03/20/2014
Comments: The source of the arsenic contamination in near by wells is unknown. However, the Kaiser Refractories Site did not have significant arsenic contamination and background concentrations from naturally occurring soil types are not uncommon in the region. CERCLIS Non-NPL Status Change: NFRAP

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:
Name: MILPITAS SENIOR HOUSING PROJECT
Address: 1600 S. MAIN STREET
City,State,Zip: MILPITAS, CA 95035
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 11/20/2009
Global Id: T10000001594
Lead Agency: SANTA CLARA COUNTY LOP
Lead Agency Case Number: 06S1E18K03s
Latitude: 37.4080736337525
Longitude: -121.901979446411
Case Type: Cleanup Program Site

MILPITAS SENIOR HOUSING PROJECT (Continued) **U001601442**

Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 001
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected: Soil
Potential Contaminants of Concern: Lead
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:
Name: BOB OLINMGER'S FOREIGN CAR CEN
Address: 1600 S MAIN ST
City,State,Zip: MILPITAS, CA 95035
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000010701
Facility Type: Other
Other Type: AUTO DISMANTLER
Contact Name: BOB OLINGER
Telephone: 4082634020
Owner Name: BOB E. OLINGER
Owner Address: 879 BOULDER DRIVE
Owner City,St,Zip: SAN JOSE, CA 95132
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1972
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual

CERS:
Name: MILPITAS SENIOR HOUSING PROJECT
Address: 1600 S. MAIN STREET
City,State,Zip: MILPITAS, CA 95035
Site ID: 228117
CERS ID: T10000001594
CERS Description: Cleanup Program Site

77
SE
1/2-1
0.634 mi.
3350 ft.

U-TECH MEDIA USA, LLC
1103 MONTAGUE CT
MILPITAS, CA 95035

ENVIROSTOR **S110493788**
N/A

Relative:
Higher

Actual:
38 ft.

ENVIROSTOR:
Name: U-TECH MEDIA USA, LLC
Address: 1103 MONTAGUE CT
City,State,Zip: MILPITAS, CA 95035
Facility ID: 71004114
Status: Inactive - Needs Evaluation
Status Date: 09/16/2013

U-TECH MEDIA USA, LLC (Continued) **S110493788**

Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.41521
Longitude: -121.8852
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000327160
Alias Type: EPA Identification Number
Alias Name: 71004114
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: DISC STAMPERS LLC
Address: 1103 MONTAGUE COURT
City,State,Zip: MILPITAS, CA 95035
Facility ID: 71004121
Status: Inactive - Needs Evaluation
Status Date: 09/16/2013
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED

U-TECH MEDIA USA, LLC (Continued) **S110493788**

Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.41498
Longitude: -121.8846
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000313578
Alias Type: EPA Identification Number
Alias Name: 71004121
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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78 **SENSYM INC** **RCRA-SQG** **1000819491**
South **1804 MCCARTHY** **ENVIROSTOR** **CAD983654765**
1/2-1 **MILPITAS, CA 95035** **FINDS**
0.652 mi. **ECHO**
3440 ft. **EMI**
WDS
Relative: **CERS**
Higher

Actual: RCRA-SQG:
37 ft.
Date Form Received by Agency: 1996-09-01 00:00:00.0
Handler Name: SENSYM INC
Handler Address: 1804 MCCARTHY
Handler City,State,Zip: MILPITAS, CA 95035
EPA ID: CAD983654765
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported

SENSYM INC (Continued) **1000819491**

Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	REAMWOOD AVE
Mailing City,State,Zip:	SUNNYVALE, CA 94089
Owner Name:	OAK CREEK DELAWARE INC
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

SENSYM INC (Continued) **1000819491**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2006-09-05 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OAK CREEK DELAWARE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	255 SHORELINE DR STE 600
Owner/Operator City,State,Zip:	REDWOOD CITY, CA 94065
Owner/Operator Telephone:	415-593-3100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OAK CREEK DELAWARE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	255 SHORELINE DR STE 600
Owner/Operator City,State,Zip:	REDWOOD CITY, CA 94065
Owner/Operator Telephone:	415-593-3100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-09-01 00:00:00.0
Handler Name: SENSYM INC	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-09-01 00:00:00.0

SENSYM INC (Continued) **1000819491**

Handler Name: SENSYM INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1996-10-01 00:00:00.0
Handler Name: SENSYM INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 334413
NAICS Description: SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

ENVIROSTOR:
Name: SENSYM, INC. - MILPITAS
Address: 1804 MCCARTHY BOULEVARD
City,State,Zip: MILPITAS, CA 95035
Facility ID: 71003177
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10

SENSYM INC (Continued) **1000819491**

Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.40184
Longitude: -121.9138
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD983654765
Alias Type: EPA Identification Number
Alias Name: 71003177
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 10/21/1999
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:
Registry ID: 110000898967

Click Here:

Environmental Interest/Information System:
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS AIR POLLUTANT MAJOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000819491
Registry ID: 110000898967
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000898967

SENSYM INC (Continued) **1000819491**

Name: SENSYM
Address: 1804 MCCARTHY BOULEVARD
City,State,Zip: MILPITAS, CA 95035

EMI:

Name:	SENSYM
Address:	1804 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 950357410
Year:	1995
County Code:	43
Air Basin:	SF
Facility ID:	8429
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SENSYM
Address:	1804 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 950357410
Year:	1996
County Code:	43
Air Basin:	SF
Facility ID:	8429
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SENSYM
Address:	1804 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 950357410
Year:	1997
County Code:	43
Air Basin:	SF
Facility ID:	8429
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

SENSYM INC (Continued) **1000819491**

Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SENSYM
Address:	1804 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 950357410
Year:	1998
County Code:	43
Air Basin:	SF
Facility ID:	8429
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SENSYM
Address:	1804 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 950357410
Year:	1999
County Code:	43
Air Basin:	SF
Facility ID:	8429
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SENSYM
Address:	1804 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 950357410
Year:	2000
County Code:	43
Air Basin:	SF
Facility ID:	8429
Air District Name:	BA
SIC Code:	3674

SENSYM INC (Continued) **1000819491**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SENSYM
Address:	1804 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 950357410
Year:	2001
County Code:	43
Air Basin:	SF
Facility ID:	8429
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	EDC BIOSYSTEMS INC
Address:	1804 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 950357410
Year:	2006
County Code:	43
Air Basin:	SF
Facility ID:	16644
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	.001
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	EDC BIOSYSTEMS INC
Address:	1804 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 950357410
Year:	2007
County Code:	43
Air Basin:	SF

SENSYM INC (Continued) **1000819491**

Facility ID:	16644
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.001
Reactive Organic Gases Tons/Yr:	.0008367
Carbon Monoxide Emissions Tons/Yr:	.002
NOX - Oxides of Nitrogen Tons/Yr:	.007
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Name:	EDC BIOSYSTEMS INC
Address:	1804 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2008
County Code:	43
Air Basin:	SF
Facility ID:	16644
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.001
Reactive Organic Gases Tons/Yr:	.0008367
Carbon Monoxide Emissions Tons/Yr:	.002
NOX - Oxides of Nitrogen Tons/Yr:	.007
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Name:	EDC BIOSYSTEMS INC
Address:	1804 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2009
County Code:	43
Air Basin:	SF
Facility ID:	16644
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.001
Reactive Organic Gases Tons/Yr:	8.3670000000000001E-4
Carbon Monoxide Emissions Tons/Yr:	0.002
NOX - Oxides of Nitrogen Tons/Yr:	7.0000000000000001E-3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	9.7599999999999998E-4

Name:	EDC BIOSYSTEMS INC
Address:	1804 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035

SENSYM INC (Continued) **1000819491**

Year:	2010
County Code:	43
Air Basin:	SF
Facility ID:	16644
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	4.0000000000000001E-3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	EDC BIOSYSTEMS INC
Address:	1804 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Year:	2011
County Code:	43
Air Basin:	SF
Facility ID:	16644
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	0.004
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

WDS:

Name:	HONEYWELL
Address:	1804 Mccarthy Blvd
City:	MILPITAS
Facility ID:	San Francisco Bay 43I018867
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	4089541100
Facility Contact:	Ron Heitz
Agency Name:	HONEYWELL
Agency Address:	1804 Mccarthy Blvd

SENSYM INC (Continued) **1000819491**

Agency City,St,Zip:	Milpitas 95035
Agency Contact:	Ron Heitz
Agency Telephone:	4089541100
Agency Type:	Private
SIC Code:	3674
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS:

Name:	EDC BIOSYSTEMS INC
Address:	1804 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035-7410
Site ID:	465922
CERS ID:	110037968483
CERS Description:	US EPA Air Emission Inventory System (EIS)

79
South
1/2-1
0.668 mi.
3526 ft.

Relative:
Higher

Actual:
35 ft.

BAE SYSTEMS IMAGING SOLUTIONS **ENVIROSTOR** **S105644997**
1801 MCCARTHY BLVD **CHMIRS** **N/A**
MILPITAS, CA 95035 **CIWQS**

ENVIROSTOR:

Name:	LOCKHEED MARTIN FAIRCHILD SYSTEM
Address:	1801 MCCARTHY BOULEVARD
City,State,Zip:	MILPITAS, CA 95035
Facility ID:	71002678
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED

BAE SYSTEMS IMAGING SOLUTIONS (Continued) **S105644997**

Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.40139
Longitude: -121.9155
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD980638100
Alias Type: EPA Identification Number
Alias Name: 110000886836
Alias Type: EPA (FRS #)
Alias Name: 71002678
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CHMIRS:
Name: Not reported
Address: 1801 MCCARTHY BL.
City,State,Zip: MILPITAS, CA 95035
OES Incident Number: 14721
OES notification: Not reported
OES Date: 7/18/1996
OES Time: 11:24:15 AM
Date Completed: **Not reported**
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported

BAE SYSTEMS IMAGING SOLUTIONS (Continued) **S105644997**

Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	company personnel
Containment:	Not reported
What Happened:	Not reported
Type:	SEWAGE
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1996
Agency:	lockheed martin fairchild systems
Incident Date:	1630 17JULY96
Admin Agency:	Not reported
Amount:	1140-4500 gals
Contained:	NO
Site Type:	OTHER
E Date:	Not reported
Substance:	wastwater
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	during construction work electric panels were turned off and someone forgot to turn them back on
	Not reported

BAE SYSTEMS IMAGING SOLUTIONS (Continued) **S105644997**

CIWQS:

Name:	BAE SYSTEMS IMAGING SOLUTIONS
Address:	1801 MCCARTHY BLVD
City,State,Zip:	MILPITAS, CA 95035
Agency:	BAE Systems Imaging Solutions
Agency Address:	1801 McCathy Blvd 1801 McCarthy Boulevard, Milpitas, CA 95035
Place/Project Type:	Industrial - Computer Peripheral Equipment, NEC
SIC/NAICS:	3577(+)
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 43I024713
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	03/04/2014
Termination Date:	10/30/2015
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.40145
Longitude:	-121.91549

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80 **HANDCRAFT TILE** **ENVIROSTOR** **S100833262**
ESE **1696 SOUTH MAIN STREET** **VCP** **N/A**
1/2-1 **MILPITAS, CA 95035** **CA BOND EXP. PLAN**
0.687 mi.
3626 ft.

Relative:
Higher

Actual:
37 ft.

ENVIROSTOR:

Name:	HANDCRAFT TILE
Address:	1696 SOUTH MAIN STREET
City,State,Zip:	MILPITAS, CA 95035
Facility ID:	43320043
Status:	Certified
Status Date:	12/13/2005
Site Code:	201558
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	1.45
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Mark Piros
Division Branch:	Cleanup Berkeley
Assembly:	25
Senate:	10
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party

HANDCRAFT TILE (Continued) **S100833262**

Latitude: 37.40590
Longitude: -121.9018
APN: 086-34-017
Past Use: MANUFACTURING - CERAMICS
Potential COC: Lead
Confirmed COC: Lead
Potential Description: SOIL
Alias Name: SCOTT PROPERTY
Alias Type: Alternate Name
Alias Name: 086-34-017
Alias Type: APN
Alias Name: 110022308634
Alias Type: EPA (FRS #)
Alias Name: 201558
Alias Type: Project Code (Site Code)
Alias Name: 43320043
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 05/20/2005
Comments: VCA with Main Street Investment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/13/2005
Comments: The implementation report has Part A and Part B.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 01/25/2005
Comments: Approved RAW

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 10/05/1989
Comments: Removal of all non-native fill and soils (contaminated above 500 ppm total lead) from the eastern portion of the property

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 12/03/2004
Comments: SOIL CLEANUP AT HANDCRAFT TILE IN MILPITAS

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/03/2004
Comments: Public Notice on Draft Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

HANDCRAFT TILE (Continued) **S100833262**

Completed Document Type: Standard Voluntary Agreement
Completed Date: 07/13/2004
Comments: VCA with U.S. A. Properties Fund.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/15/1989
Comments: Removed 350 cubic yards of soil. Site Certified.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 04/03/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 01/25/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 12/13/2005
Comments: Removed Action Certification and approval letter sent to the proponent.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Name: HANDCRAFT TILE
Address: 1696 SOUTH MAIN STREET
City,State,Zip: MILPITAS, CA 95035
Facility ID: 43320043
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.45
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 201558
Assembly: 25

HANDCRAFT TILE (Continued) **S100833262**

Senate:	10
Special Programs Code:	Voluntary Cleanup Program
Status:	Certified
Status Date:	12/13/2005
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.40590 / -121.9018
APN:	086-34-017
Past Use:	MANUFACTURING - CERAMICS
Potential COC:	30013
Confirmed COC:	30013
Potential Description:	SOIL
Alias Name:	SCOTT PROPERTY
Alias Type:	Alternate Name
Alias Name:	086-34-017
Alias Type:	APN
Alias Name:	110022308634
Alias Type:	EPA (FRS #)
Alias Name:	201558
Alias Type:	Project Code (Site Code)
Alias Name:	43320043
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	05/20/2005
Comments:	VCA with Main Street Investment.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	12/13/2005
Comments:	The implementation report has Part A and Part B.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	01/25/2005
Comments:	Approved RAW

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	10/05/1989
Comments:	Removal of all non-native fill and soils (contaminated above 500 ppm total lead) from the eastern portion of the property

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	12/03/2004
Comments:	SOIL CLEANUP AT HANDCRAFT TILE IN MILPITAS

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice

HANDCRAFT TILE (Continued) **S100833262**

Completed Date:	12/03/2004
Comments:	Public Notice on Draft Removal Action Workplan.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	07/13/2004
Comments:	VCA with U.S. A. Properties Fund.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	11/15/1989
Comments:	Removed 350 cubic yards of soil. Site Certified.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date:	04/03/1989
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	01/25/2005
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	12/13/2005
Comments:	Removal Action Certification and approval letter sent to the proponent.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

CA BOND EXP. PLAN:

Reponsible Party:	RESPONSIBLE PARTY-LEAD SITE CLEANUP WORKPLAN
Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported
Project Revenue Source Desc:	To date, the entire investigation and soil removal has been conducted by the owner, the responsible party. DHS will be issuing an order or entering into an enforceable agreement with the RP. DHS has budgeted $220,000 for oversight of the RP's cleanup actions. DHS will recover 100 percent of its direct costs plus staff costs and overhead related to the project. The RP will continue to fund remedial investigation and cleanup actions.
Site Description:	This site is the location of an ongoing tile manufacturer. It is located in an industrial area of the City of Milpitas.

HANDCRAFT TILE (Continued) **S100833262**

Hazardous Waste Desc: Approximately 600 cubic yards of lead-contaminated soil remains onsite. Ground water contamination has not been confirmed by samples taken and analyzed to date.

Threat To Public Health & Env: The Primary threats to the public health and environment are surface water migration and subsequent direct contact. The site is fenced, and access is limited to workers only. Lead absorption by both man and animals could occur through direct contactwith the contaminated soils. Lead contaminated soil may migrate offsite with draining storm water.

Site Activity Status: Site soil sampling and removal has been conducted several times. This iterative approach is ongoing. Approximately 600 cubic yards of contaminated soil remain onsite. Ground water samplings show metals in normal concentrations. The RP is studying the feasibility of capping the site for commercial use.

81
ENE
1/2-1
0.735 mi.
3883 ft.

FORD MOTOR COMPANY
1100 SOUTH MAIN STREET
MILPITAS, CA 95035

ENVIROSTOR **S101542294**
ENF **N/A**

Relative:
Higher

Actual:
32 ft.

ENVIROSTOR:

Name:	FORD MOTOR COMPANY
Address:	1100 SOUTH MAIN STREET
City,State,Zip:	MILPITAS, CA 95035
Facility ID:	43370007
Status:	Refer: RWQCB
Status Date:	02/01/1990
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	25
Senate:	10
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.41459
Longitude:	-121.9018
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD028679462
Alias Type:	EPA Identification Number
Alias Name:	110002640777
Alias Type:	EPA (FRS #)
Alias Name:	43370007
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE

FORD MOTOR COMPANY (Continued) **S101542294**

Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/01/1990
Comments: SITE SCREENING DONE SF BAY RWQCB WILL ISSUE A SITE CLEAN-UP ORDER. PENDING STATUS: SF BAY RWQCB LEAD AGENCY

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/24/1987
Comments: SAMPLE RESULTS G/W CONTM FROM ORGANIC SOLVENTS, INCLUD- ING: BENZENE, VINYL CHLORIDE, 1,1- DICHLOROETHYLENE, NAPHTHALENE, ETHYL- BENZENE. SITE SCREENING DONE RCRA CLOSURE SITE, IN BOND EXPENDITURE PLAN. NO MITRE MODEL NEEDED. RWQCB LEAD. COMPLETE CONTACT ADDRESS: COMMERCE PARK NORTH 15201 CENTURY DRIVE,SUITE 608

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENF:
Name: FORD MOTOR CO./GREAT MALL
Address: 1100 MAIN
City,State,Zip: MILPITAS, CA 95035
Region: 2
Facility Id: 224852
Agency Name: Ford Motor Co.
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 37.415399
Place Longitude: -121.902189
SIC Code 1: 3711
SIC Desc 1: Motor Vehicles and Passenger Car Bodies
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported

FORD MOTOR COMPANY (Continued) **S101542294**

Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	UNREGS
# Of Programs:	Not reported
WDID:	2 438043N02
Reg Measure Id:	163005
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	222386
Region:	2
Order / Resolution Number:	97-039
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/19/1997
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 438043N02
Description:	CAO-
Program:	ENFCAO
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0

FORD MOTOR COMPANY (Continued) **S101542294**

Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Name:	FORD MOTOR CO./GREAT MALL
Address:	1100 MAIN
City,State,Zip:	MILPITAS, CA 95035
Region:	2
Facility Id:	224852
Agency Name:	Ford Motor Co.
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.415399
Place Longitude:	-121.902189
SIC Code 1:	3711
SIC Desc 1:	Motor Vehicles and Passenger Car Bodies
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	UNREGS
# Of Programs:	Not reported
WDID:	2 438043N02
Reg Measure Id:	163005
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported

FORD MOTOR COMPANY (Continued) **S101542294**

Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	219859
Region:	2
Order / Resolution Number:	90-063
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	05/16/1990
Adoption/Issuance Date:	Not reported
Achieve Date:	3/19/1997
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 438043N02
Description:	ENF ORDER
Program:	ENFCAO
Latest Milestone Completion Date:	3/19/1997
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

---

82 **SHELL SERVICE STATION** **Notify 65** **S100178840**
SE **1780 SOUTH MAIN STREET** **N/A**
1/2-1 **MILPITAS, CA 93064**
0.753 mi.
3978 ft.

Relative:
Higher

Actual:
38 ft.

NOTIFY 65:

Name:	SHELL SERVICE STATION
Address:	1780 SOUTH MAIN STREET
City,State,Zip:	MILPITAS, CA 93064
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

P83 **MEKTEC CORPORATION** **ENVIROSTOR** **S100274872**
ESE **1740 MCCANDLESS DR** **CHMIRS** **N/A**
1/2-1 **MILPITAS, CA 95035** **EMI**
0.873 mi.
4612 ft. **Site 1 of 2 in cluster P**

Relative:
Higher

Actual:
37 ft.

ENVIROSTOR:

Name:	MEKTEC CORP.
Address:	1740 MCCANDLESS DRIVE
City,State,Zip:	MILPITAS, CA 95035
Facility ID:	71003057
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Berkeley
Assembly:	25
Senate:	10
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.40632
Longitude:	-121.8991
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD982468282
Alias Type:	EPA Identification Number
Alias Name:	110009545705
Alias Type:	EPA (FRS #)
Alias Name:	71003057
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

MEKTEC CORPORATION (Continued) **S100274872**

CHMIRS:

Name:	Not reported
Address:	1740 MCCANDLESS DR
City,State,Zip:	MILPITAS, CA
OES Incident Number:	362
OES notification:	Not reported
OES Date:	5/24/1994
OES Time:	01:59:25 PM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	van , waters and rogers
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1994
Agency:	van , waters and rogers
Incident Date:	0815/23may94
Admin Agency:	Not reported
Amount:	20 gals
Contained:	NO
Site Type:	IND PLT
E Date:	Not reported
Substance:	hydrogene proxide
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO

MEKTEC CORPORATION (Continued) **S100274872**

Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	hydrogen proxide spill from top of tanker truck to asphalt due to expansion
Name:	Not reported
Address:	1740 MCCANDLESS DR.
City,State,Zip:	MILPITAS, CA 95035
OES Incident Number:	905509
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**01-APR-89**
Property Use:	700
Agency Id Number:	43030
Agency Incident Number:	89-6856F
Time Notified:	1609
Time Completed:	1906
Surrounding Area:	500
Estimated Temperature:	65
Property Management:	P
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	CAPT. AL HUSON 19C1
Report Date:	01-APR-89
Facility Telephone:	408 945-5785
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92

MEKTEC CORPORATION (Continued) **S100274872**

Agency:	Not reported
Incident Date:	01-APR-89
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	08-MAY-90
Substance:	Not reported
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Not reported

EMI:

Name:	MEKTEC CORPORATION
Address:	1740 MCCANDLESS DR
City,State,Zip:	MILPITAS, CA 95035
Year:	1990
County Code:	43
Air Basin:	SF
Facility ID:	3905
Air District Name:	BA
SIC Code:	3671
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	25
Reactive Organic Gases Tons/Yr:	10
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MEKTEC CORPORATION
Address:	1740 MCCANDLESS DR
City,State,Zip:	MILPITAS, CA 95035
Year:	1998
County Code:	43
Air Basin:	SF
Facility ID:	3905
Air District Name:	BA
SIC Code:	3672
Air District Name:	BAY AREA AQMD

MEKTEC CORPORATION (Continued) **S100274872**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MEKTEC CORPORATION
Address:	1740 MCCANDLESS DR
City,State,Zip:	MILPITAS, CA 95035
Year:	1999
County Code:	43
Air Basin:	SF
Facility ID:	3905
Air District Name:	BA
SIC Code:	3672
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MEKTEC CORPORATION
Address:	1740 MCCANDLESS DR
City,State,Zip:	MILPITAS, CA 95035
Year:	2000
County Code:	43
Air Basin:	SF
Facility ID:	3905
Air District Name:	BA
SIC Code:	3672
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

P84 **MABEL MATTOS ELEMENTARY SCHOOL** **ENVIROSTOR** **S126215309**
ESE **1750 MCCANDLESS DR** **SCH** **N/A**
1/2-1 **MILPITAS, CA 95035** **NPDES**
0.873 mi. **CIWQS**
4612 ft. **Site 2 of 2 in cluster P**

Relative:
Higher

Actual:
37 ft.

ENVIROSTOR:

Name:	MABEL MATTOS ELEMENTARY SCHOOL
Address:	1750 MCCANDLESS DRIVE
City,State,Zip:	MILPITAS, CA 95035
Facility ID:	60001954
Status:	Active
Status Date:	06/25/2014
Site Code:	204264
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	10.24
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Letitia Shen
Supervisor:	Jose Salcedo
Division Branch:	Northern California Schools & Santa Susana
Assembly:	25
Senate:	10
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	37.40670
Longitude:	-121.8983
APN:	086-41-016, 086-41-017, 086-41-018, 08641016, 08641017
Past Use:	AGRICULTURAL - ROW CROPS, OFFICE BUILDING
Potential COC:	Under Investigation Arsenic Benzene Chlordane DDD DDE DDT Lead Naturally Occurring Asbestos (NOA Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL Dieldrin
Confirmed COC:	Arsenic 30003-NO Chlordane 30006-NO 30007-NO 30008-NO Lead Polychlorinated biphenyls (PCBs 30019-NO 30024-NO 30025-NO 3002502-NO Dieldrin Under Investigation 40002-NO
Potential Description:	OTH, SOIL, SV, UE
Alias Name:	McCandless Proposed K-8 School Site
Alias Type:	Alternate Name
Alias Name:	086-41-016
Alias Type:	APN
Alias Name:	086-41-017
Alias Type:	APN
Alias Name:	086-41-018
Alias Type:	APN
Alias Name:	08641016
Alias Type:	APN
Alias Name:	08641017
Alias Type:	APN
Alias Name:	204264
Alias Type:	Project Code (Site Code)
Alias Name:	60001954
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE

MABEL MATTOS ELEMENTARY SCHOOL (Continued) **S126215309**

Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/15/2016
Comments: On September 15, 2016, DTSC conducted a site visit to observe the confirmation sampling activities at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/18/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 09/14/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/12/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/07/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/06/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/03/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/09/2014
Comments: On January 9, 2014, DTSC received an e-copy of the Phase I ESA as background information.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement Application
Completed Date: 06/25/2014
Comments: On June 13, 2014, DTSC received a new EOA application for the McCandless property.

Completed Area Name: PROJECT WIDE

MABEL MATTOS ELEMENTARY SCHOOL (Continued) **S126215309**

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/14/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 06/25/2014
Comments: On June 25, 2014, DTSC mailed the fully executed EOA to the District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/14/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/21/2014
Comments: On January 23, 2014, DTSC conducted a PEA scoping meeting via phone conference with the District and their consultants. On February 21, 2014, DTSC conducted a site visit of the McCandless property with Cary Matsuoka and their consultant, Alan Klein (Padre Associates). Mr. Matsuoka mentioned that the McCandless property is locked up in litigation between the City of Milpitas and the State of California as a contested asset in the closure of redevelopment agencies and the District is already looking for an alternate site (Centre Pointe Drive). DTSC also conducted a site walkthrough of the alternate site (Centre Pointe Drive) located a block away from the McCandless property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 01/08/2014
Comments: On January 8, 2014, DTSC mailed the Fully executed EOA to the District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/30/2014
Comments: On June 27, 2014, DTSC received the MCCandless Scoping Document from the District's consultant via email.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 05/18/2015
Comments: On May 19, 2015, DTSC forwarded the fully executed VCA to the District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Tech Memo

MABEL MATTOS ELEMENTARY SCHOOL (Continued) **S126215309**

Completed Date: 01/06/2015
Comments: On January 6, 2015, DTSC received two hard copies of the draft PEA Report which has the information provided in the PEA Tech Memo. No letter is needed from DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/28/2015
Comments: On May 28, 2015, DTSC approved the PEA Report with a further action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/22/2016
Comments: On April 21, DTSC approved the revised RAW for approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/21/2015
Comments: On May 21, 2015, Padre (Alan Klein) provided additional information regarding the depth where NOA is an issue at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/25/2015
Comments: On August 25, 2015, DTSC approved and concurred with the reconfiguration and removal of VOCs in soil gas as COC for the site. The District still need to submit a formal request to amend the VCA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/10/2016
Comments: On November 6, 2015, Tammy Pickens provided the final Community Profile.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/17/2016
Comments: On March 8, 2016, DTSC project manager received the final factsheet.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/08/2016
Comments: The public comment period is from March 18 to April 18, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/22/2016
Comments: Not reported

MABEL MATTOS ELEMENTARY SCHOOL (Continued) **S126215309**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/06/2016
Comments: On May 26, 2016, DTSC concurred with the conclusion and recommendation presented in the Borrow Source Material Evaluation tech memo.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 08/25/2016
Comments: On August 25, 2016, DTSC forwarded the signed SFPD 4.15 to CDE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/08/2018
Comments: On May 8, 2018, DTSC approved the Soil Remediation Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/17/2016
Comments: On May 17, 2016, DTSC conducted a site visit to observe the implementation of the RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/21/2016
Comments: On July 21, 2016, DTSC observed the bioremediation cell activities (soil tilling, mixing, watering, etc.).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/15/2014
Comments: On October 15, 2014, DTSC observed the implementation of the DTSC-approved PEA Workplan. During the site visit, changes on the PEA workplan were made (such as collection of soil-gas at 15’ or 10’ or 5’ bgs; soil samples for 3 depths (surface, fill material [sub surface 2-3’ bgs], and native [4-5’ bgs] will all be analyzed; the fill material area was adjusted based on the changes observed [note: the fill material were distributed to the rest of the site. If fill material samples came back with high concentrations, the other soil samples will be re-analyzed for the same constituents]; and, no surface samples for VOCs). These changes will be documented in the PEA Report as a variance.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/25/2016
Comments: On August 25, 2016, DTSC was notified via email that Cary Matsuoka is no longer with the District. Joe Flatley is the new point of contact.

MABEL MATTOS ELEMENTARY SCHOOL (Continued) **S126215309**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Environmental Impact Report
Completed Date: 04/21/2016
Comments: On April 21, 2016, DTSC signed the NOD for the cleanup project. PM forwarded a copy of the signed NOD to OPEA for filing.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/21/2016
Comments: On April 21, 2016, DTSC approved the revised RAW and included the response to public comments as an attachment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 08/23/2016
Comments: Fully executed SCA, dated 8/23/16, emailed/mailed on 8/24/16.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/28/2017
Comments: On September 28, 2017, DTSC received a letter from the City of Milpitas requesting to exclude the City Park (portion of the City Park not designated for joint use)from the long term operations and maintenance requirements due to NOA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/20/2018
Comments: On July 20, 2018, DTSC issued the Authorization to Occupy School letter to the District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 05/01/2018
Comments: On May 1, 2018, DTSC mailed the fully executed O&M Agreement to the District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/11/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/13/2018
Comments: On March 13, 2018, DTSC conducted a site visit at the site to observe the construction at the site and discussed how the district's contractor address the NOA in the native soil during the construction process. The contractor indicated that they follow the Soil

MABEL MATTOS ELEMENTARY SCHOOL (Continued) **S126215309**

Management Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/18/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/06/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/20/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/09/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/03/2020
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2023
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: MABEL MATTOS ELEMENTARY SCHOOL
Address: 1750 MCCANDLESS DRIVE
City,State,Zip: MILPITAS, CA 95035
Facility ID: 60001954
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 10.24
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Letitia Shen

MABEL MATTOS ELEMENTARY SCHOOL (Continued) **S126215309**

Supervisor:	Jose Salcedo
Division Branch:	Northern California Schools & Santa Susana
Site Code:	204264
Assembly:	25
Senate:	10
Special Program Status:	Not reported
Status:	Active
Status Date:	06/25/2014
Restricted Use:	NO
Funding:	School District
Latitude:	37.40670
Longitude:	-121.8983
APN:	086-41-016, 086-41-017, 086-41-018, 08641016, 08641017
Past Use:	AGRICULTURAL - ROW CROPS, OFFICE BUILDING
Potential COC:	Under Investigation, Arsenic, Benzene, Chlordane, DDD, DDE, DDT, Lead, Naturally Occurring Asbestos (NOA, Polychlorinated biphenyls (PCBs, Polynuclear aromatic hydrocarbons (PAHs, TPH-diesel, TPH-gas, TPH-MOTOR OIL, Dieldrin
Confirmed COC:	Arsenic, 30003-NO, Chlordane, 30006-NO, 30007-NO, 30008-NO, Lead, Polychlorinated biphenyls (PCBs, 30019-NO, 30024-NO, 30025-NO, 3002502-NO, Dieldrin, Under Investigation, 40002-NO
Potential Description:	OTH, SOIL, SV, UE
Alias Name:	McCandless Proposed K-8 School Site
Alias Type:	Alternate Name
Alias Name:	086-41-016
Alias Type:	APN
Alias Name:	086-41-017
Alias Type:	APN
Alias Name:	086-41-018
Alias Type:	APN
Alias Name:	08641016
Alias Type:	APN
Alias Name:	08641017
Alias Type:	APN
Alias Name:	204264
Alias Type:	Project Code (Site Code)
Alias Name:	60001954
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	09/15/2016
Comments:	On September 15, 2016, DTSC conducted a site visit to observe the confirmation sampling activities at the Site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	11/18/2019
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Plan
Completed Date:	09/14/2019
Comments:	Not reported

MABEL MATTOS ELEMENTARY SCHOOL (Continued) **S126215309**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/12/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/07/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/06/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/03/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/09/2014
Comments: On January 9, 2014, DTSC received an e-copy of the Phase I ESA as background information.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement Application
Completed Date: 06/25/2014
Comments: On June 13, 2014, DTSC received a new EOA application for the McCandless property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/14/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 06/25/2014
Comments: On June 25, 2014, DTSC mailed the fully executed EOA to the District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/14/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE

MABEL MATTOS ELEMENTARY SCHOOL (Continued) **S126215309**

Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/21/2014
Comments: On January 23, 2014, DTSC conducted a PEA scoping meeting via phone conference with the District and their consultants. On February 21, 2014, DTSC conducted a site visit of the McCandless property with Cary Matsuoka and their consultant, Alan Klein (Padre Associates). Mr. Matsuoka mentioned that the McCandless property is locked up in litigation between the City of Milpitas and the State of California as a contested asset in the closure of redevelopment agencies and the District is already looking for an alternate site (Centre Pointe Drive). DTSC also conducted a site walkthrough of the alternate site (Centre Pointe Drive) located a block away from the McCandless property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 01/08/2014
Comments: On January 8, 2014, DTSC mailed the Fully executed EOA to the District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/30/2014
Comments: On June 27, 2014, DTSC received the MCCandless Scoping Document from the District's consultant via email.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 05/18/2015
Comments: On May 19, 2015, DTSC forwarded the fully executed VCA to the District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Tech Memo
Completed Date: 01/06/2015
Comments: On January 6, 2015, DTSC received two hard copies of the draft PEA Report which has the information provided in the PEA Tech Memo. No letter is needed from DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/28/2015
Comments: On May 28, 2015, DTSC approved the PEA Report with a further action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/22/2016
Comments: On April 21, DTSC approved the revised RAW for approval.

MABEL MATTOS ELEMENTARY SCHOOL (Continued) **S126215309**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/21/2015
Comments: On May 21, 2015, Padre (Alan Klein) provided additional information regarding the depth where NOA is an issue at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/25/2015
Comments: On August 25, 2015, DTSC approved and concurred with the reconfiguration and removal of VOCs in soil gas as COC for the site. The District still need to submit a formal request to amend the VCA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/10/2016
Comments: On November 6, 2015, Tammy Pickens provided the final Community Profile.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/17/2016
Comments: On March 8, 2016, DTSC project manager received the final factsheet.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/08/2016
Comments: The public comment period is from March 18 to April 18, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/22/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/06/2016
Comments: On May 26, 2016, DTSC concurred with the conclusion and recommendation presented in the Borrow Source Material Evaluation tech memo.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 08/25/2016
Comments: On August 25, 2016, DTSC forwarded the signed SFPD 4.15 to CDE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report

MABEL MATTOS ELEMENTARY SCHOOL (Continued) **S126215309**

Completed Date: 05/08/2018
Comments: On May 8, 2018, DTSC approved the Soil Remediation Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/17/2016
Comments: On May 17, 2016, DTSC conducted a site visit to observe the implementation of the RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/21/2016
Comments: On July 21, 2016, DTSC observed the bioremediation cell activities (soil tilling, mixing, watering, etc.).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/15/2014
Comments: On October 15, 2014, DTSC observed the implementation of the DTSC-approved PEA Workplan. During the site visit, changes on the PEA workplan were made (such as collection of soil-gas at 15' or 10' or 5' bgs; soil samples for 3 depths (surface, fill material [sub surface 2-3' bgs], and native [4-5' bgs] will all be analyzed; the fill material area was adjusted based on the changes observed [note: the fill material were distributed to the rest of the site. If fill material samples came back with high concentrations, the other soil samples will be re-analyzed for the same constituents]; and, no surface samples for VOCs). These changes will be documented in the PEA Report as a variance.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/25/2016
Comments: On August 25, 2016, DTSC was notified via email that Cary Matsuoka is no longer with the District. Joe Flatley is the new point of contact.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Environmental Impact Report
Completed Date: 04/21/2016
Comments: On April 21, 2016, DTSC signed the NOD for the cleanup project. PM forwarded a copy of the signed NOD to OPEA for filing.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/21/2016
Comments: On April 21, 2016, DTSC approved the revised RAW and included the response to public comments as an attachment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement

MABEL MATTOS ELEMENTARY SCHOOL (Continued) **S126215309**

Completed Date: 08/23/2016
Comments: Fully executed SCA, dated 8/23/16, emailed/mailed on 8/24/16.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/28/2017
Comments: On September 28, 2017, DTSC received a letter from the City of Milpitas requesting to exclude the City Park (portion of the City Park not designated for joint use)from the long term operations and maintenance requirements due to NOA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/20/2018
Comments: On July 20, 2018, DTSC issued the Authorization to Occupy School letter to the District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 05/01/2018
Comments: On May 1, 2018, DTSC mailed the fully executed O&M Agreement to the District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/11/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/13/2018
Comments: On March 13, 2018, DTSC conducted a site visit at the site to observe the construction at the site and discussed how the district's contractor address the NOA in the native soil during the construction process. The contractor indicated that they follow the Soil Management Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/18/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/06/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence

MABEL MATTOS ELEMENTARY SCHOOL (Continued) **S126215309**

Completed Date: 11/20/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/09/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/03/2020
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2023
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

NPDES:
Name: MABEL MATTOS ELEMENTARY SCHOOL
Address: 1750 MCCANDLESS DR
City,State,Zip: MILPITAS, CA 95035
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 2 43C389865
Regulatory Measure Type: Construction
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 03/26/2020
Operator Name: Milpitas Unified School District
Operator Address: 1585 Roger St
Operator City: Milpitas
Operator State: California
Operator Zip: 95035

Name: MABEL MATTOS ELEMENTARY SCHOOL

MABEL MATTOS ELEMENTARY SCHOOL (Continued) **S126215309**

Address:	1750 MCCANDLESS DR
City,State,Zip:	MILPITAS, CA 95035
Facility Status:	Active
NPDES Number:	CAS000002
Region:	2
Agency Number:	0
Regulatory Measure ID:	519369
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	2 43C389865
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/26/2020
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1585 Roger St
Discharge Name:	Milpitas Unified School District
Discharge City:	Milpitas
Discharge State:	California
Discharge Zip:	95035
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

CIWQS:

Name:	MABEL MATTOS ELEMENTARY SCHOOL
Address:	1750 MCCANDLESS DR
City,State,Zip:	MILPITAS, CA 95035
Agency:	Milpitas Unified School District
Agency Address:	1585 Roger St, Milpitas, CA 95035
Place/Project Type:	Construction - Other: School
SIC/NAICS:	Not reported
Region:	2
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	2 43C389865
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	03/26/2020
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.40598
Longitude:	-121.89845

85
East
1/2-1
0.901 mi.
4759 ft.

Relative:
Higher

Actual:
39 ft.

APTOS CORP
1557 CENTRE POINTE DR
MILPITAS, CA 95035

RCRA-SQG **1000886265**
ENVIROSTOR **CA0000134791**
ICIS
FINDS
ECHO
CUPA Listings
EMI
HAZNET
CERS
HWTS

RCRA-SQG:

Date Form Received by Agency:		1994-02-11 00:00:00.0
Handler Name:	APTOS CORP	
Handler Address:		1557 CENTRE POINTE DR
Handler City,State,Zip:		MILPITAS, CA 95035
EPA ID:		CA0000134791
Contact Name:		FRANCISCO MEDRANO
Contact Address:		1557 CENTRE POINTE DR
Contact City,State,Zip:		MILPITAS, CA 95035
Contact Telephone:		408-943-1311
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		CENTRE POINTE DR
Mailing City,State,Zip:		MILPITAS, CA 95035
Owner Name:		THE PRUDENTIAL INS CO OF AMERICA
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported

APTOS CORP (Continued) **1000886265**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:31:31.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE PRUDENTIAL INS CO OF AMERICA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4309 HACIENDA DR STE 500
Owner/Operator City,State,Zip:	PLEASANTON, CA 94588
Owner/Operator Telephone:	408-894-9050
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-02-11 00:00:00.0
Handler Name: APTOS CORP	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

APTOS CORP (Continued) **1000886265**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

ENVIROSTOR:
Name: APTOS CORP., CENTRE POINTE DR
Address: 1557 CENTRE POINTE DRIVE
City,State,Zip: MILPITAS, CA 95035
Facility ID: 71003565
Status: Refer: RWQCB
Status Date: 02/17/2016
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 4.2
NPL: NO
Regulatory Agencies: HWMP, RWQCB 2 - San Francisco Bay
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.40938
Longitude: -121.8972
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis
Potential Description: OTH, SV
Alias Name: CA0000134791
Alias Type: EPA Identification Number
Alias Name: 110002411747
Alias Type: EPA (FRS #)
Alias Name: SL0608585362

APTOS CORP (Continued) **1000886265**

Alias Type: GeoTracker Global ID
Alias Name: 71003565
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Compliance Verification
Completed Date: 05/09/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 01/02/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/17/2016
Comments: DTSC performed a site screening to determine whether any releases of hazardous substances or wastes have occurred at the site that require DTSC to pursue corrective actions. Aptos Corporation was a tenant and operated at the site from 1994 to 2004. The company provided wafer bumping and plating services to the semiconductor industry and used the Site for office and warehousing purposes. Aptos Corporation operated an acid neutralization tank under permit by rule to treat wastewater from its plating operations. The acid neutralization tank was closed and the closure and post-closure reports were submitted to the Milpitas Fire Department. Aptos Corporation ceased its operations on the site around 2004 to 2005. The site is on one of four parcels that is part of the Centre Pointe Business Park site, where the Regional Water Quality Control Board (RWQCB) has been overseeing investigations since 2007. Groundwater contamination under a portion of the Centre Pointe Business Park site has been attributed to an off-site source. Residential development is planned by the current owner of the Centre Pointe Business Park site and RWQCB indicated in a June 2015 letter to the current owner that it intends to oversee the development and implementation of vapor intrusion mitigation measures.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ICIS:
Enforcement Action ID: 09-2004-0376
FRS ID: 110002411747
Action Name: Aptos Corporation
Facility Name: APTOS CORPORATION

APTOS CORP (Continued) **1000886265**

Facility Address:	1557 CENTRE POINTE DRIVE MILPITAS, CA 95035
Enforcement Action Type:	CWA 309A AO For Compliance
Facility County:	SANTA CLARA
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	309A
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.409439
Longitude in Decimal Degrees:	-121.897197
Permit Type Desc:	Not reported
Program System Acronym:	6224478
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	APTOS CORPORATION
Address:	1557 CENTRE POINTE DR
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	APTOS CORPORATION
Address:	1557 CENTRE POINTE DR
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	APTOS CORPORATION
Address:	1557 CENTRE POINTE DR
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	APTOS CORPORATION
Address:	1557 CENTRE POINTE DR
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	APTOS CORPORATION
Address:	1557 CENTRE POINTE DR
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	APTOS CORPORATION
Address:	1557 CENTRE POINTE DR
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported

APTOS CORP (Continued) **1000886265**

SIC Code: Not reported

FINDS:
Registry ID: 110002411747

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
HAZARDOUS AIR POLLUTANT MAJOR
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000886265
Registry ID:	110002411747
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002411747
Name:	APTOS CORPORATION
Address:	1557 CENTRE POINTE DR
City,State,Zip:	MILPITAS, CA 95035

CUPA SANTA CLARA:

Name:	APTOS CORPORATION
Address:	1557 CENTRE POINTE DR
City,State,Zip:	MILPITAS, CA 95035

APTOS CORP (Continued) **1000886265**

Region: SANTA CLARA
PE#: 2206
Program Description: GENERATES 5 TO <25 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.409595
Longitude: -121.897352
Record ID: PR0316967
Facility ID: FA0202479

Name: APTOS CORPORATION
Address: 1557 CENTRE POINTE DR
City,State,Zip: MILPITAS, CA 95035
Region: SANTA CLARA
PE#: 2261
Program Description: PERMIT BY RULE (PBR)
Program Identifier: DEH PERMIT-ONSITE HAZ WASTE TREATMENT/TIERED PERMIT PROGRAM
Latitude: 37.409595
Longitude: -121.897352
Record ID: PR0364614
Facility ID: FA0202479

EMI:
Name: APTOS CORPORATION
Address: 1557 CENTRE POINTE DR
City,State,Zip: MILPITAS, CA 950358010
Year: 1996
County Code: 43
Air Basin: SF
Facility ID: 9762
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: APTOS CORPORATION
Address: 1557 CENTRE POINTE DR
City,State,Zip: MILPITAS, CA 950358010
Year: 1997
County Code: 43
Air Basin: SF
Facility ID: 9762
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0

APTOS CORP (Continued) **1000886265**

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	APTOS CORPORATION
Address:	1557 CENTRE POINTE DR
City,State,Zip:	MILPITAS, CA 950358010
Year:	1998
County Code:	43
Air Basin:	SF
Facility ID:	9762
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	APTOS CORPORATION
Address:	1557 CENTRE POINTE DR
City,State,Zip:	MILPITAS, CA 950358010
Year:	2001
County Code:	43
Air Basin:	SF
Facility ID:	9762
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	APTOS CORPORATION
Address:	1557 CENTRE POINTE DR
City,State,Zip:	MILPITAS, CA 950358010
Year:	2002
County Code:	43
Air Basin:	SF
Facility ID:	9762
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

APTOS CORP (Continued) **1000886265**

Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	APTOS CORPORATION
Address:	1557 CENTRE POINTE DR
City,State,Zip:	MILPITAS, CA 950358010
Year:	2003
County Code:	43
Air Basin:	SF
Facility ID:	9762
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	APTOS CORPORATION
Address:	1557 CENTRE POINTE DR
City,State,Zip:	MILPITAS, CA 950358010
Year:	2004
County Code:	43
Air Basin:	SF
Facility ID:	9762
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.077
Reactive Organic Gases Tons/Yr:	0.0548474
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

Name:	APTOS CORP
Address:	1557 CENTRE POINTE DR
Address 2:	Not reported
City,State,Zip:	MILPITAS, CA 950358010
Contact:	PHIL CORTEZ-PRODUCTION MANAGER
Telephone:	4089412411
Mailing Name:	Not reported
Mailing Address:	360 S KIELY BLVD

APTOS CORP (Continued) **1000886265**

Year: 2005
Gepaid: CA0000134791
TSD EPA ID: CAT000646117
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 188.916

Year: 2005
Gepaid: CA0000134791
TSD EPA ID: NVD980895338
CA Waste Code: 123 - Unspecified alkaline solution
Disposal Method: T01 - Treatment, Tank
Tons: 0.0834

Year: 2005
Gepaid: CA0000134791
TSD EPA ID: NVD980895338
CA Waste Code: 791 - Liquids with pH <= 2
Disposal Method: T03 - Treatment, Incineration
Tons: 0.22935

Year: 2005
Gepaid: CA0000134791
TSD EPA ID: NVD980895338
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: T03 - Treatment, Incineration
Tons: 0.05085

Year: 2005
Gepaid: CA0000134791
TSD EPA ID: NVD980895338
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: T01 - Treatment, Tank
Tons: 0.02085

Year: 2005
Gepaid: CA0000134791
TSD EPA ID: NVD980895338
CA Waste Code: 352 - Other organic solids
Disposal Method: D80 - Disposal, Land Fill
Tons: 9.48675

Year: 2005
Gepaid: CA0000134791
TSD EPA ID: NVD980895338
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: D80 - Disposal, Land Fill
Tons: 0.0675

Year: 2004
Gepaid: CA0000134791
TSD EPA ID: CAD044429835
CA Waste Code: 792 - Liquids with pH <= 2 with metals
Disposal Method: D99 - Disposal, Other
Tons: 1.4595

Year: 2004

APTOS CORP (Continued) **1000886265**

Gepaid:	CA0000134791
TSD EPA ID:	CAD044429835
CA Waste Code:	352 - Other organic solids
Disposal Method:	-
Tons:	0.16

Year:	2004
Gepaid:	CA0000134791
TSD EPA ID:	HAHQ36045257
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	-
Tons:	0.0455

Click this hyperlink while viewing on your computer to access
129 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	1996
Gen EPA ID:	CA0000134791
Shipment Date:	19961219
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961219
Manifest ID:	96049619
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961219
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961219
Manifest ID:	96049619
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

APTOS CORP (Continued) **1000886265**

TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.252
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961218
Creation Date:	9/12/1997 0:00:00
Receipt Date:	Not reported
Manifest ID:	96403724
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961218
Creation Date:	9/12/1997 0:00:00
Receipt Date:	Not reported
Manifest ID:	96403724
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F003
Meth Code:	- Not reported
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

APTOS CORP (Continued) **1000886265**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961218
Creation Date:	9/12/1997 0:00:00
Receipt Date:	Not reported
Manifest ID:	96403724
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961218
Creation Date:	9/12/1997 0:00:00
Receipt Date:	Not reported
Manifest ID:	96403724
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961210
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961210
Manifest ID:	96049837
Trans EPA ID:	CAD069138899

APTOS CORP (Continued) **1000886265**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961210
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961210
Manifest ID:	96049837
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F007
Meth Code:	R01 - Recycler
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961202
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961202
Manifest ID:	96049998
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	711 - Liquids with cyanides > 1000 mg/l
RCRA Code:	F007

APTOS CORP (Continued) **1000886265**

Meth Code:	R01 - Recycler
Quantity Tons:	0.1042
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961202
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961202
Manifest ID:	96049998
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CA0000134791
Shipment Date:	20001025
Creation Date:	12/13/2000 0:00:00
Receipt Date:	20001025
Manifest ID:	20588841
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD077182293
Trans Name:	Not reported
TSDF Alt EPA ID:	HFHQ38000454
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G

APTOS CORP (Continued) **1000886265**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001025
Creation Date:	12/13/2000 0:00:00
Receipt Date:	20001025
Manifest ID:	20588841
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD077182293
Trans Name:	Not reported
TSDF Alt EPA ID:	HFHQ38000454
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001025
Creation Date:	12/13/2000 0:00:00
Receipt Date:	20001025
Manifest ID:	20588841
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD077182293
Trans Name:	Not reported
TSDF Alt EPA ID:	HFHQ38000454
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001024
Creation Date:	Not reported
Receipt Date:	Not reported

APTOS CORP (Continued) **1000886265**

Manifest ID:	20401330
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001024
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001107
Manifest ID:	20401330
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001024
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20401330
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported

APTOS CORP (Continued) **1000886265**

Waste Code Description:	- Not reported
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001024
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20401330
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	F003
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001024
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001107
Manifest ID:	20401330
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

APTOS CORP (Continued) **1000886265**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001024
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001107
Manifest ID:	20401330
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001024
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001107
Manifest ID:	20401330
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CA0000134791
Shipment Date:	19991108
Creation Date:	1/11/2000 0:00:00

APTOS CORP (Continued) **1000886265**

Receipt Date:	19991108
Manifest ID:	99593312
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D003
Meth Code:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991108
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991108
Manifest ID:	99593312
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.168
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991027
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99487343
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835

APTOS CORP (Continued) **1000886265**

TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991027
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99487343
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991027
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99487343
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

APTOS CORP (Continued) **1000886265**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991027
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991110
Manifest ID:	99487343
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F003
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991027
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991110
Manifest ID:	99487343
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991027
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991110
Manifest ID:	99487343
Trans EPA ID:	OKD981588791

APTOS CORP (Continued) **1000886265**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.363
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991027
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991110
Manifest ID:	99487343
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991027
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99487343
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D001

APTOS CORP (Continued) **1000886265**

Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CA0000134791
Shipment Date:	20010830
Creation Date:	10/23/2001 0:00:00
Receipt Date:	20010830
Manifest ID:	20759401
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	711 - Liquids with cyanides > 1000 mg/l
RCRA Code:	F009
Meth Code:	R01 - Recycler
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010821
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010821
Manifest ID:	20759395
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.357
Waste Quantity:	85
Quantity Unit:	G
Additional Code 1:	Not reported

APTOS CORP (Continued) **1000886265**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010821
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010821
Manifest ID:	20759395
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	711 - Liquids with cyanides > 1000 mg/l
RCRA Code:	F007
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010821
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010821
Manifest ID:	20759395
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D003
Meth Code:	R01 - Recycler
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010613
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20758608

APTOS CORP (Continued) **1000886265**

Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	F003
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010613
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010615
Manifest ID:	20758608
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.363
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010613
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010615
Manifest ID:	20758608
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals

APTOS CORP (Continued) **1000886265**

RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010613
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010615
Manifest ID:	20758608
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010613
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010615
Manifest ID:	20758608
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

APTOS CORP (Continued) **1000886265**

Additional Code 5:	Not reported
Shipment Date:	20010212
Creation Date:	4/19/2001 0:00:00
Receipt Date:	20010212
Manifest ID:	20427517
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.252
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CA0000134791
Shipment Date:	19941110
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941117
Manifest ID:	93364818
Trans EPA ID:	OHD009865825
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941110
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941117

APTOS CORP (Continued) **1000886265**

Manifest ID:	93364818
Trans EPA ID:	OHD009865825
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	D001
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.045
Waste Quantity:	90
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941110
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941117
Manifest ID:	93364818
Trans EPA ID:	OHD009865825
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941110
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941117
Manifest ID:	93364818
Trans EPA ID:	OHD009865825
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835

APTOS CORP (Continued) **1000886265**

TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	F003
Meth Code:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940930
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940930
Manifest ID:	93586080
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	711 - Liquids with cyanides > 1000 mg/l
RCRA Code:	F007
Meth Code:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CA0000134791
Shipment Date:	19971230
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971230
Manifest ID:	96808178
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD069138899
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.231

APTOS CORP (Continued) **1000886265**

Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971230
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971230
Manifest ID:	96808178
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD069138899
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F007
Meth Code:	R01 - Recycler
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971215
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971215
Manifest ID:	96808319
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD069138899
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.357
Waste Quantity:	85
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971215

APTOS CORP (Continued) **1000886265**

Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971215
Manifest ID:	96808319
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD069138899
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F007
Meth Code:	R01 - Recycler
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971205
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971205
Manifest ID:	96808274
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD069138899
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.357
Waste Quantity:	85
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971203
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971203
Manifest ID:	96698472
Trans EPA ID:	CAD980888598
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980888598
Trans Name:	Not reported

APTOS CORP (Continued) **1000886265**

TSDF Alt EPA ID:	HAHQ36010181
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971126
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	96736999
Trans EPA ID:	DER000000968
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971126
Creation Date:	4/23/1998 0:00:00
Receipt Date:	19971202
Manifest ID:	96736999
Trans EPA ID:	DER000000968
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported

APTOS CORP (Continued) **1000886265**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971126
Creation Date:	4/23/1998 0:00:00
Receipt Date:	19971202
Manifest ID:	96736999
Trans EPA ID:	DER000000968
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F003
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971126
Creation Date:	4/23/1998 0:00:00
Receipt Date:	19971202
Manifest ID:	96736999
Trans EPA ID:	DER000000968
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995

APTOS CORP (Continued) **1000886265**

Gen EPA ID:	CA0000134791
Shipment Date:	19951208
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951208
Manifest ID:	95115279
Trans EPA ID:	CAD980888598
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980888598
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951208
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951208
Manifest ID:	95115279
Trans EPA ID:	CAD980888598
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980888598
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	711 - Liquids with cyanides > 1000 mg/l
RCRA Code:	D003
Meth Code:	R01 - Recycler
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951117
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951117
Manifest ID:	95849669
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

APTOS CORP (Continued) **1000886265**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951117
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951117
Manifest ID:	95849669
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951113
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951115
Manifest ID:	95364047
Trans EPA ID:	OHD009865825
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler

APTOS CORP (Continued) **1000886265**

Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951113
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951115
Manifest ID:	95364047
Trans EPA ID:	OHD009865825
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951113
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951115
Manifest ID:	95364047
Trans EPA ID:	OHD009865825
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F003
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

APTOS CORP (Continued) **1000886265**

Shipment Date:	19951113
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951115
Manifest ID:	95364047
Trans EPA ID:	OHD009865825
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951004
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951009
Manifest ID:	95229533
Trans EPA ID:	OHD009865825
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951004
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951009
Manifest ID:	95229533
Trans EPA ID:	OHD009865825
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835

APTOS CORP (Continued) **1000886265**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F003
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.2275
Waste Quantity:	455
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CA0000134791
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99089222
Trans EPA ID:	TNR000009183
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021223
Creation Date:	4/10/2003 10:20:47
Receipt Date:	20030107
Manifest ID:	99089222
Trans EPA ID:	TNR000009183
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F003

APTOS CORP (Continued) **1000886265**

Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2475
Waste Quantity:	495
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021223
Creation Date:	4/10/2003 10:20:47
Receipt Date:	20030107
Manifest ID:	99089222
Trans EPA ID:	TNR000009183
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.5838
Waste Quantity:	140
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021223
Creation Date:	4/10/2003 10:20:47
Receipt Date:	20030107
Manifest ID:	99089222
Trans EPA ID:	TNR000009183
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

APTOS CORP (Continued) **1000886265**

Shipment Date:	20021223
Creation Date:	4/10/2003 10:20:47
Receipt Date:	20030107
Manifest ID:	99089222
Trans EPA ID:	TNR000009183
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021209
Creation Date:	3/16/2007 18:30:20
Receipt Date:	20021209
Manifest ID:	21517161
Trans EPA ID:	CAD982052797
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982052797
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982052797
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D003
Meth Code:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021209
Creation Date:	3/16/2007 18:30:20
Receipt Date:	20021209
Manifest ID:	21517161
Trans EPA ID:	CAD982052797
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982052797

APTOS CORP (Continued) **1000886265**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982052797
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021209
Creation Date:	3/16/2007 18:30:20
Receipt Date:	20021209
Manifest ID:	21517161
Trans EPA ID:	CAD982052797
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982052797
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982052797
TSDF Alt Name:	Not reported
Waste Code Description:	711 - Liquids with cyanides > 1000 mg/l
RCRA Code:	F007
Meth Code:	R01 - Recycler
Quantity Tons:	0.10008
Waste Quantity:	24
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020829
Creation Date:	1/28/2003 18:32:43
Receipt Date:	20020911
Manifest ID:	21830697
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G

APTOS CORP (Continued) **1000886265**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020829
Creation Date:	1/28/2003 18:32:43
Receipt Date:	20020911
Manifest ID:	21830697
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2475
Waste Quantity:	495
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CA0000134791
Shipment Date:	19981215
Creation Date:	2/2/1999 0:00:00
Receipt Date:	19981215
Manifest ID:	98499898
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

APTOS CORP (Continued) **1000886265**

Shipment Date:	19981215
Creation Date:	2/2/1999 0:00:00
Receipt Date:	19981215
Manifest ID:	98499898
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F007
Meth Code:	R01 - Recycler
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981029
Creation Date:	12/10/1998 0:00:00
Receipt Date:	19981029
Manifest ID:	97229515
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981029
Creation Date:	12/10/1998 0:00:00
Receipt Date:	19981029
Manifest ID:	97229515
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

APTOS CORP (Continued) **1000886265**

TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D003
Meth Code:	R01 - Recycler
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981029
Creation Date:	12/10/1998 0:00:00
Receipt Date:	19981029
Manifest ID:	97229515
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981007
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	97374798
Trans EPA ID:	DER000000968
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.4587
Waste Quantity:	110

APTOS CORP (Continued) **1000886265**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981007
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	97374798
Trans EPA ID:	DER000000968
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981007
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	97374798
Trans EPA ID:	DER000000968
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981007
Creation Date:	Not reported

APTOS CORP (Continued) **1000886265**

Receipt Date:	Not reported
Manifest ID:	97374798
Trans EPA ID:	DER000000968
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981007
Creation Date:	12/7/1998 0:00:00
Receipt Date:	Not reported
Manifest ID:	97374798
Trans EPA ID:	DER000000968
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CA0000134791

Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23780624
Trans EPA ID:	NED986382133
Trans Name:	SMITH SYSTEMS TRANSPORTATION INC
Trans 2 EPA ID:	Not reported

APTOS CORP (Continued) **1000886265**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23780624
Trans EPA ID:	NED986382133
Trans Name:	SMITH SYSTEMS TRANSPORTATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23780624
Trans EPA ID:	NED986382133
Trans Name:	SMITH SYSTEMS TRANSPORTATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.06255

APTOS CORP (Continued) **1000886265**

Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23780624
Trans EPA ID:	NED986382133
Trans Name:	SMITH SYSTEMS TRANSPORTATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	NR
Meth Code:	- Not reported
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23780624
Trans EPA ID:	NED986382133
Trans Name:	SMITH SYSTEMS TRANSPORTATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported

APTOS CORP (Continued) **1000886265**

Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23780624
Trans EPA ID:	NED986382133
Trans Name:	SMITH SYSTEMS TRANSPORTATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	NR
Meth Code:	- Not reported
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23780624
Trans EPA ID:	NED986382133
Trans Name:	SMITH SYSTEMS TRANSPORTATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.0825
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23780624
Trans EPA ID:	NED986382133
Trans Name:	SMITH SYSTEMS TRANSPORTATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON

APTOS CORP (Continued) **1000886265**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.2919
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23780624
Trans EPA ID:	NED986382133
Trans Name:	SMITH SYSTEMS TRANSPORTATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NR
Meth Code:	- Not reported
Quantity Tons:	0.152
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041230
Creation Date:	4/2/2005 18:31:31
Receipt Date:	20050120
Manifest ID:	23780624
Trans EPA ID:	NED986382133
Trans Name:	SMITH SYSTEMS TRANSPORTATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	1.4595
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported

APTOS CORP (Continued) **1000886265**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CA0000134791
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23568145
Trans EPA ID:	CAR000052803
Trans Name:	PHILIP TRANSPORTATION & REMEDIATION INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23568145
Trans EPA ID:	CAR000052803
Trans Name:	PHILIP TRANSPORTATION & REMEDIATION INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

APTOS CORP (Continued) **1000886265**

Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23568145
Trans EPA ID:	CAR000052803
Trans Name:	PHILIP TRANSPORTATION & REMEDIATION INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23568145
Trans EPA ID:	CAR000052803
Trans Name:	PHILIP TRANSPORTATION & REMEDIATION INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23568145
Trans EPA ID:	CAR000052803
Trans Name:	PHILIP TRANSPORTATION & REMEDIATION INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338

APTOS CORP (Continued) **1000886265**

Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23568145
Trans EPA ID:	CAR000052803
Trans Name:	PHILIP TRANSPORTATION & REMEDIATION INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.06672
Waste Quantity:	16
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23568145
Trans EPA ID:	CAR000052803
Trans Name:	PHILIP TRANSPORTATION & REMEDIATION INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G

APTOS CORP (Continued) **1000886265**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23568145
Trans EPA ID:	CAR000052803
Trans Name:	PHILIP TRANSPORTATION & REMEDIATION INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23568145
Trans EPA ID:	CAR000052803
Trans Name:	PHILIP TRANSPORTATION & REMEDIATION INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported

APTOS CORP (Continued) **1000886265**

Manifest ID:	23568145
Trans EPA ID:	CAR000052803
Trans Name:	PHILIP TRANSPORTATION & REMEDIATION INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.06672
Waste Quantity:	16
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CA0000134791
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22911055
Trans EPA ID:	TNR000009183
Trans Name:	MS CARRIERS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	HAHQ36045257
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	3.753
Waste Quantity:	900
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22911055
Trans EPA ID:	TNR000009183
Trans Name:	MS CARRIERS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

APTOS CORP (Continued) **1000886265**

TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	HAHQ36045257
TSDF Alt Name:	Not reported
Waste Code Description:	725 - Liquids with mercury > 20 mg/l
RCRA Code:	D004
Meth Code:	- Not reported
Quantity Tons:	0.23769
Waste Quantity:	57
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22911055
Trans EPA ID:	TNR000009183
Trans Name:	MS CARRIERS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	HAHQ36045257
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.17514
Waste Quantity:	42
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22911055
Trans EPA ID:	TNR000009183
Trans Name:	MS CARRIERS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	HAHQ36045257
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.035
Waste Quantity:	70

APTOS CORP (Continued) **1000886265**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22911055
Trans EPA ID:	TNR000009183
Trans Name:	MS CARRIERS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	HAHQ36045257
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	91D0
Meth Code:	- Not reported
Quantity Tons:	0.836
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22911055
Trans EPA ID:	TNR000009183
Trans Name:	MS CARRIERS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	HAHQ36045257
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported

APTOS CORP (Continued) **1000886265**

Receipt Date:	Not reported
Manifest ID:	22911055
Trans EPA ID:	TNR000009183
Trans Name:	MS CARRIERS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	HAHQ36045257
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22911055
Trans EPA ID:	TNR000009183
Trans Name:	MS CARRIERS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	HAHQ36045257
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.23769
Waste Quantity:	57
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20031028
Creation Date:	8/9/2004 8:46:09
Receipt Date:	20031031
Manifest ID:	22911055
Trans EPA ID:	TNR000009183
Trans Name:	MS CARRIERS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	HAHQ36045257

APTOS CORP (Continued) **1000886265**

TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.61299
Waste Quantity:	147
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031028
Creation Date:	8/9/2004 8:46:09
Receipt Date:	20031031
Manifest ID:	22911055
Trans EPA ID:	TNR000009183
Trans Name:	MS CARRIERS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WILMINGTON
TSDF Alt EPA ID:	HAHQ36045257
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	APTOS CORPORATION
Address:	1557 CENTRE POINTE DR
City,State,Zip:	MILPITAS, CA 95035
Site ID:	451800
CERS ID:	110002411747
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	FRANCISCO MEDRANO
Entity Title:	Not reported
Affiliation Address:	1557 CTR POINTE DRIVE
Affiliation City:	MILPITAS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

APTOS CORP (Continued) **1000886265**

HWTS:

Name:	APTOS CORP
Address:	1557 CENTRE POINTE DR
Address 2:	Not reported
City,State,Zip:	MILPITAS, CA 950358010
EPA ID:	CA0000134791
Inactive Date:	03/07/2005
Create Date:	12/08/1995
Last Act Date:	12/04/2006
Mailing Name:	Not reported
Mailing Address:	360 S KIELY BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN JOSE, CA 95129
Owner Name:	FOXCONN HOLDING LTD
Owner Address:	15F #207 SEC 3 BAISHIN RD
Owner Address 2:	SHINDIAN CITY,TAIPEI
Owner City,State,Zip:	TAIWAN, TW 00000
Contact Name:	PHIL CORTEZ-PRODUCTION MANAGER
Contact Address:	1557 CENTRE POINT DRIVE
Contact Address 2:	Not reported
City,State,Zip:	MILPITAS, CA 950350000

NAICS:

EPA ID:	CA0000134791
Create Date:	2002-12-03 15:25:10.000
NAICS Code:	332813
NAICS Description:	Electroplating, Plating, Polishing, Anodizing, and Coloring
Issued EPA ID Date:	1995-12-08 00:00:00
Inactive Date:	2005-03-07 00:00:00
Facility Name:	APTOS CORP
Facility Address:	1557 CENTRE POINTE DR
Facility Address 2:	Not reported
Facility City:	MILPITAS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	950358010

EPA ID:	CA0000134791
Create Date:	2002-12-03 15:25:10.000
NAICS Code:	332813
NAICS Description:	Electroplating, Plating, Polishing, Anodizing, and Coloring
Issued EPA ID Date:	1995-12-08 00:00:00
Inactive Date:	2005-03-07 00:00:00
Facility Name:	APTOS CORP
Facility Address:	1557 CENTRE POINTE DR
Facility Address 2:	Not reported
Facility City:	MILPITAS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	950358010

86 SSW 1/2-1 0.980 mi. 5173 ft.

INTEGRATED DEVICE TECHNOLOGY
2670 SEELEY AVE
SAN JOSE, CA 95134

Database(s): RCRA-SQG, ENVIROSTOR, FINDS, ECHO

EDR ID Number: 1000202577
EPA ID Number: CAD982511768

Relative: Higher
Actual: 35 ft.

RCRA-SQG:

Date Form Received by Agency:	1998-01-29 00:00:00.0
Handler Name:	INTEGRATED DEVICE TECHNOLOGY
Handler Address:	2670 SEELEY AVE
Handler City,State,Zip:	SAN JOSE, CA 95134-1929
EPA ID:	CAD982511768
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	2670 SEELEY AVE
Contact City,State,Zip:	SAN JOSE, CA 95134-1929
Contact Telephone:	408-492-8687
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3236 SCOTT BLVD
Mailing City,State,Zip:	SANTA CLARA, CA 95052
Owner Name:	INTEGRATED DEVICE IEC
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

INTEGRATED DEVICE TECHNOLOGY (Continued) **1000202577**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2006-09-05 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTEGRATED DEVICE IEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

INTEGRATED DEVICE TECHNOLOGY (Continued) **1000202577**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTEGRATED DEVICE IEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-09-01 00:00:00.0
Handler Name:	INTEGRATED DEVICE TECHNOLOGY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-29 00:00:00.0
Handler Name:	INTEGRATED DEVICE TECHNOLOGY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1989-06-09 00:00:00.0
Handler Name:	INTEGRATED DEVICE TECHNOLOGY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1989-06-09 00:00:00.0
Handler Name:	INTEGRATED DEVICE TECHNOLOGY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

INTEGRATED DEVICE TECHNOLOGY (Continued) **1000202577**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1998-01-29 00:00:00.0
Handler Name: INTEGRATED DEVICE TECHNOLOGY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1992-02-19 00:00:00.0
Handler Name: IDT, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1994-03-17 00:00:00.0
Handler Name: INTEGRATED DEVICE TECHNOLOGY INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1996-02-07 00:00:00.0
Handler Name: INTEGRATED DEVICE TECHNOLOGY INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

INTEGRATED DEVICE TECHNOLOGY (Continued) **1000202577**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1999-03-04 00:00:00.0
Handler Name: INTEGRATED DEVICE TECHNOLOGY, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2000-10-12 00:00:00.0
Handler Name: INTEGRATED DEVICE TECHNOLOGY, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 334413
NAICS Description: SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1995-03-14 00:00:00.0
Actual Return to Compliance Date: 2000-03-14 00:00:00.0
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported

INTEGRATED DEVICE TECHNOLOGY (Continued) **1000202577**

Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1993-11-24 00:00:00.0
Actual Return to Compliance Date: 1993-12-14 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1995-03-14 00:00:00.0
Evaluation Responsible Agency: State Contractor/Grantee

INTEGRATED DEVICE TECHNOLOGY (Continued) **1000202577**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2000-03-14 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-11-24 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1993-12-14 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ENVIROSTOR:

Name:	INTEGRATED DEVICE TECHNOLOGY, INC.
Address:	2670 SEELEY AVENUE
City,State,Zip:	SAN JOSE, CA 95134
Facility ID:	71003106
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Berkeley
Assembly:	18
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.39852
Longitude:	-121.9191
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD982511768
Alias Type:	EPA Identification Number

INTEGRATED DEVICE TECHNOLOGY (Continued) **1000202577**

Alias Name: 110002837841
Alias Type: EPA (FRS #)
Alias Name: 71003106
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:
Registry ID: 110002837841

Click Here:

Environmental Interest/Information System:
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000202577
Registry ID: 110002837841
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002837841
Name: INTEGRATED DEVICE TECHNOLOGY
Address: 2670 SEELEY AVE
City,State,Zip: SAN JOSE, CA 95134

87
ESE
1/2-1
0.980 mi.
5176 ft.

MCCANDLESS ADDITIONAL PARCELS FOR SCHOOL SITE
HOURET DRIVE AND HOURET COURT
MILPITAS, CA 95035

ENVIROSTOR SCH | **S117038729 N/A**

Relative: Higher

Actual: 39 ft.

ENVIROSTOR:

Name:	MCCANDLESS ADDITIONAL PARCELS FOR SCHOOL SITE
Address:	HOURET DRIVE AND HOURET COURT
City,State,Zip:	MILPITAS, CA 95035
Facility ID:	60002090
Status:	Inactive - Withdrawn
Status Date:	05/10/2017
Site Code:	204268
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Mellan Songco
Supervisor:	Jose Salcedo
Division Branch:	Northern California Schools & Santa Susana
Assembly:	25
Senate:	10
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	37.40639
Longitude:	-121.8971
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS, EQUIPMENT/INSTRUMENT REPAIR, UNKNOWN
Potential COC:	Under Investigation Arsenic Benzene Chlordane DDD DDE DDT Lead Naturally Occurring Asbestos (NOA Polychlorinated biphenyls (PCBs TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC:	Under Investigation
Potential Description:	SOIL, SV, UE
Alias Name:	Milpitas Additional Parcels for School Site
Alias Type:	Alternate Name
Alias Name:	204268
Alias Type:	Project Code (Site Code)
Alias Name:	60002090
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	09/18/2014
Comments:	On September 18, 2014, DTSC mailed a hard copy and e-copy of the Fully Executed EOA (HSA-EOA 14/15-035) to the District.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	10/15/2014
Comments:	On October 15, 2014, DTSC conducted a site walk-through (but not inside the buildings) with Alan Klein of Padre and associates.

MCCANDLESS ADDITIONAL PARCELS FOR SCHOOL SITE (Continued) **S117038729**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	04/11/2017
Comments:	On April 11, 2017, DTSC issues a letter terminating the EOA agreement. Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/30/2017
Comments:	Closeout Form 1554 submitted on 10/2/2017 and processed by CRBU on 10/30/17; closeout complete.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement Application
Completed Date:	09/09/2014
Comments:	Received email from Mellan with EOP application attached on 09/04/14.

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	MCCANDLESS ADDITIONAL PARCELS FOR SCHOOL SITE
Address:	HOURET DRIVE AND HOURET COURT
City,State,Zip:	MILPITAS, CA 95035
Facility ID:	60002090
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Mellan Songco
Supervisor:	Jose Salcedo
Division Branch:	Northern California Schools & Santa Susana
Site Code:	204268
Assembly:	25
Senate:	10
Special Program Status:	Not reported
Status:	Inactive - Withdrawn
Status Date:	05/10/2017
Restricted Use:	NO
Funding:	School District
Latitude:	37.40639
Longitude:	-121.8971

MCCANDLESS ADDITIONAL PARCELS FOR SCHOOL SITE (Continued) **S117038729**

APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS, EQUIPMENT/INSTRUMENT REPAIR, UNKNOWN
Potential COC:	Under Investigation, Arsenic, Benzene, Chlordane, DDD, DDE, DDT, Lead, Naturally Occurring Asbestos (NOA, Polychlorinated biphenyls (PCBs, TPH-diesel, TPH-gas, TPH-MOTOR OIL
Confirmed COC:	Under Investigation
Potential Description:	SOIL, SV, UE
Alias Name:	Milpitas Additional Parcels for School Site
Alias Type:	Alternate Name
Alias Name:	204268
Alias Type:	Project Code (Site Code)
Alias Name:	60002090
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	09/18/2014
Comments:	On September 18, 2014, DTSC mailed a hard copy and e-copy of the Fully Executed EOA (HSA-EOA 14/15-035) to the District.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	10/15/2014
Comments:	On October 15, 2014, DTSC conducted a site walk-through (but not inside the buildings) with Alan Klein of Padre and associates.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	04/11/2017
Comments:	On April 11, 2017, DTSC issues a letter terminating the EOA agreement. Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/30/2017
Comments:	Closeout Form 1554 submitted on 10/2/2017 and processed by CRBU on 10/30/17; closeout complete.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement Application
Completed Date:	09/09/2014
Comments:	Received email from Mellan with EOP application attached on 09/04/14.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

88
ESE
1/2-1
0.988 mi.
5219 ft.

IONIZATION RESEARCH CO DBA ECOSOLUTIONS
1823 HOURET CT
MILPITAS, CA 95035

ICE **S107138949**
HWP **N/A**
CERS

Relative:
Higher

Actual:
38 ft.

ICE:

Envirostor ID:	3000808
Name:	IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Address:	1823 HOURET CT
City,State,Zip:	MILPITAS, CA 95035
EPA ID:	CAL000175030
Site Type:	INSPECTION
Facility Status:	No Action

Inspection:

Action Type:	Compliance Evaluation Inspection - Standardized Permit
Action Date:	08/20/2008
Violation Class:	Class 2
RTC Date:	01/15/2009

HWP:

EPA ID:	CAL000175030
Name:	IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Address:	1823 HOURET CT
Cleanup Status:	CLOSED
Latitude:	37.40621
Longitude:	-121.8966
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Supervisor:	Not reported
Site Code:	600419
Senate District:	10
Assembly District:	25
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	Not reported
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	Standardized
Permit Effective Date:	Not reported
Permit Expiration Date:	Not reported
Calenviroscreen Score:	36-40%
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	Not reported

Activities:

EPA ID:	CAL000175030
Facility Type:	Historical - Non-Operating
Facility Name:	IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1999-05-19 00:00:00

IONIZATION RESEARCH CO DBA ECOSOLUTIONS (Continued) **S107138949**

Type:	STND
Title Description:	Initial Operating Permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CHEMOXIDATIONTANK, CHEMOXTANK, CONTAINERSTORAGE, CONTAINERWASHER, INORGANICDEWATERTANK, TANKSTORAGE
Event Description:	New Operating Permit - FINAL PERMIT
Actual Date:	05/19/1999
EPA ID:	CAL000175030
Facility Type:	Historical - Non-Operating
Facility Name:	IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1999-05-19 00:00:00
Type:	STND
Title Description:	Initial Operating Permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CHEMOXIDATIONTANK, CHEMOXTANK, CONTAINERSTORAGE, CONTAINERWASHER, INORGANICDEWATERTANK, TANKSTORAGE
Event Description:	New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date:	05/18/2009
EPA ID:	CAL000175030
Facility Type:	Historical - Non-Operating
Facility Name:	IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1999-05-19 00:00:00
Type:	STND
Title Description:	Imported 12/2011:STPERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CHEMOXIDATIONTANK, CHEMOXTANK, CONTAINERSTORAGE, CONTAINERWASHER, INORGANICDEWATERTANK, TANKSTORAGE
Event Description:	New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date:	03/24/1999
EPA ID:	CAL000175030
Facility Type:	Historical - Non-Operating
Facility Name:	IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit

IONIZATION RESEARCH CO DBA ECOSOLUTIONS (Continued) **S107138949**

Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1999-05-19 00:00:00
Type: STND
Title Description: Initial Operating Permit
Due Date: Not reported
Comments: Not reported
Unit Names: CHEMOXIDATIONTANK, CHEMOXTANK, CONTAINERSTORAGE, CONTAINERWASHER, INORGANICDEWATERTANK, TANKSTORAGE
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 05/21/1999

EPA ID: CAL000175030
Facility Type: Historical - Non-Operating
Facility Name: IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1999-05-19 00:00:00
Type: STND
Title Description: Initial Operating Permit
Due Date: Not reported
Comments: Not reported
Unit Names: CHEMOXIDATIONTANK, CHEMOXTANK, CONTAINERSTORAGE, CONTAINERWASHER, INORGANICDEWATERTANK, TANKSTORAGE
Event Description: New Operating Permit - PUBLIC COMMENT (END)
Actual Date: 03/24/1999

EPA ID: CAL000175030
Facility Type: Historical - Non-Operating
Facility Name: IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1999-05-19 00:00:00
Type: STND
Title Description: Imported 12/2011:STPERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CHEMOXIDATIONTANK, CHEMOXTANK, CONTAINERSTORAGE, CONTAINERWASHER, INORGANICDEWATERTANK, TANKSTORAGE
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 05/19/1999

EPA ID: CAL000175030
Facility Type: Historical - Non-Operating
Facility Name: IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Project Manager: Not reported
Project Manager Lead: Not reported

IONIZATION RESEARCH CO DBA ECOSOLUTIONS (Continued) **S107138949**

Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1999-05-19 00:00:00
Type:	STND
Title Description:	Initial Operating Permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CHEMOXIDATIONTANK, CHEMOXTANK, CONTAINERSTORAGE, CONTAINERWASHER, INORGANICDEWATERTANK, TANKSTORAGE
Event Description:	New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date:	03/24/1999
EPA ID:	CAL000175030
Facility Type:	Historical - Non-Operating
Facility Name:	IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1999-05-19 00:00:00
Type:	STND
Title Description:	Initial Operating Permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CHEMOXIDATIONTANK, CHEMOXTANK, CONTAINERSTORAGE, CONTAINERWASHER, INORGANICDEWATERTANK, TANKSTORAGE
Event Description:	New Operating Permit - APPLICATION PART B RECEIVED
Actual Date:	04/01/1994
EPA ID:	CAL000175030
Facility Type:	Historical - Non-Operating
Facility Name:	IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1999-05-19 00:00:00
Type:	STND
Title Description:	Imported 12/2011:STPERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CHEMOXIDATIONTANK, CHEMOXTANK, CONTAINERSTORAGE, CONTAINERWASHER, INORGANICDEWATERTANK, TANKSTORAGE
Event Description:	New Operating Permit - APPLICATION PART B RECEIVED
Actual Date:	04/01/1994
EPA ID:	CAL000175030
Facility Type:	Historical - Non-Operating

IONIZATION RESEARCH CO DBA ECOSOLUTIONS (Continued) **S107138949**

Facility Name: IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1999-05-19 00:00:00
Type: STND
Title Description: Imported 12/2011:STPERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CHEMOXIDATIONTANK, CHEMOXTANK, CONTAINERSTORAGE, CONTAINERWASHER, INORGANICDEWATERTANK, TANKSTORAGE
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 05/21/1999

EPA ID: CAL000175030
Facility Type: Historical - Non-Operating
Facility Name: IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1999-05-19 00:00:00
Type: STND
Title Description: Initial Operating Permit
Due Date: Not reported
Comments: Not reported
Unit Names: CHEMOXIDATIONTANK, CHEMOXTANK, CONTAINERSTORAGE, CONTAINERWASHER, INORGANICDEWATERTANK, TANKSTORAGE
Event Description: New Operating Permit - DRAFT PERMIT
Actual Date: 03/24/1999

Closure:
EPA ID: CAL000175030
Facility Type: Historical - Non-Operating
Facility Name: IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: STND
Title Description: Clean Closure of All Units
Due Date: Not reported
Comments: Not reported
Unit Names: CHEMOXIDATIONTANK, CHEMOXTANK, CONTAINERSTORAGE, CONTAINERWASHER, INORGANICDEWATERTANK, TANKSTORAGE
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 06/10/2008

IONIZATION RESEARCH CO DBA ECOSOLUTIONS (Continued) **S107138949**

EPA ID: CAL000175030
Facility Type: Historical - Non-Operating
Facility Name: IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: STND
Title Description: Clean Closure of All Units
Due Date: Not reported
Comments: Not reported
Unit Names: CHEMOXIDATIONTANK, CHEMOXTANK, CONTAINERSTORAGE, CONTAINERWASHER, INORGANICDEWATERTANK, TANKSTORAGE
Event Description: Closure Final - CLOSURE PLAN APPROVED
Actual Date: 12/20/1996

EPA ID: CAL000175030
Facility Type: Historical - Non-Operating
Facility Name: IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: STND
Title Description: Clean Closure of All Units
Due Date: Not reported
Comments: Not reported
Unit Names: CHEMOXIDATIONTANK, CHEMOXTANK, CONTAINERSTORAGE, CONTAINERWASHER, INORGANICDEWATERTANK, TANKSTORAGE
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 08/05/2008

Alias:
EPA ID: CAL000175030
Facility Type: Historical - Non-Operating
Facility Name: IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Project Code (Site Code)
Alias: 600419

CERS:
Name: IONIZATION RESEARCH CO DBA ECOSOLUTIONS
Address: 1823 HOURET CT
City,State,Zip: MILPITAS, CA 950350000
Site ID: 194016
CERS ID: CAL000175030

IONIZATION RESEARCH CO DBA ECOSOLUTIONS (Continued) **S107138949**

CERS Description: Hazardous Waste

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-20-2008
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Standardized Permit Return To Compliance: 2009-01-15 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Affiliation:
Affiliation Type Desc: Facility Contact
Entity Name: TONY WALI FAC MGR
Entity Title: Not reported
Affiliation Address: 1823 HOURET CT
Affiliation City: MILPITAS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 950350000
Affiliation Phone: 4089358051

Affiliation Type Desc: Facility Owner
Entity Name: IONIZATION RESEARCH COMPANY
Entity Title: Not reported
Affiliation Address: 1823 HOURET CT
Affiliation City: MILPITAS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 950350000
Affiliation Phone: 4089358051

89
ESE
1/2-1
1.000 mi.
5278 ft.

Relative:
Higher

Actual:
39 ft.

AMAZON.COM SERVICES LLC DSF3 **S100178683**
1700 MONTAGUE EXPRESSWAY **N/A**
SAN JOSE, CA 95131

LUST
CERS HAZ WASTE
SWEEPS UST
CUPA Listings
HAZNET
HIST CORTESE
NPDES
Notify 65
HAZMAT
CIWQS
CERS
HWTS

LUST:
Name: YELLOW FREIGHT SYSTEMS
Address: 1700 MONTAGUE EXPY
City,State,Zip: SAN JOSE, CA 95131
Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501606
Global Id: T0608501606
Latitude: 37.404063
Longitude: -121.899036

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

Status: Completed - Case Closed
Status Date: 08/16/1996
Case Worker: UST
RB Case Number: Not reported
Local Agency: SANTA CLARA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0608501606
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608501606
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

LUST:
Global Id: T0608501606
Action Type: ENFORCEMENT
Date: 05/28/1992
Action: Notice of Violation - #39142

Global Id: T0608501606
Action Type: REMEDIATION
Date: 07/15/1988
Action: Excavation

Global Id: T0608501606
Action Type: ENFORCEMENT
Date: 08/16/1996
Action: Closure/No Further Action Letter

Global Id: T0608501606
Action Type: Other
Date: 07/21/1988
Action: Leak Reported

Global Id: T0608501606
Action Type: RESPONSE
Date: 08/16/1996
Action: Other Report / Document

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

LUST:
Global Id: T0608501606
Status: Open - Case Begin Date
Status Date: 07/21/1988

Global Id: T0608501606
Status: Open - Site Assessment
Status Date: 07/25/1988

Global Id: T0608501606
Status: Open - Site Assessment
Status Date: 06/13/1991

Global Id: T0608501606
Status: Completed - Case Closed
Status Date: 08/16/1996

LUST SANTA CLARA:
Name: YELLOW FREIGHT SYSTEMS
Address: 1700 MONTAGUE EXPY
City,State,Zip: SAN JOSE, CA
Region: SANTA CLARA
SCVWD ID: 06S1E18R01F
Date Closed: 08/16/1996
EDR Link ID: 06S1E18R01F

CERS HAZ WASTE:
Name: AMAZON.COM SERVICES, LLC - DSF3
Address: 1700 MONTAGUE EXPY
City,State,Zip: SAN JOSE, CA 95131
Site ID: 416518
CERS ID: 10714087
CERS Description: Hazardous Waste Generator

Name: AMAZON.COM SERVICES, LLC - DSF3
Address: 1700 MONTAGUE EXPY
City,State,Zip: SAN JOSE, CA 95131
Site ID: 416518
CERS ID: 10714087
CERS Description: RCRA LQ HW Generator

SWEEPS UST:
Name: YELLOW FREIGHT SYSTEM
Address: 1700 MONTAGUE EX
City: SAN JOSE
Status: Active
Comp Number: 403963
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-403963-000001

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

CUPA SANTA CLARA:
Name: AMAZON.COM SERVICES, INC. - DSF3
Address: 1700 MONTAGUE EX
City,State,Zip: SAN JOSE, CA 95131
Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.4032898
Longitude: -121.8983165
Record ID: PR0428190
Facility ID: FA0285623

Name: AMAZON.COM SERVICES, INC. - DSF3
Address: 1700 MONTAGUE EX
City,State,Zip: SAN JOSE, CA 95131
Region: SANTA CLARA
PE#: Not reported
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.4032898
Longitude: -121.8983165
Record ID: PR0433748
Facility ID: FA0285623

HAZNET:
Name: AMAZON.COM SERVICES INC. - DSF3
Address: 1700 MONTAGUE EXPY
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 981080000
Contact: ERIC CHAPMAN
Telephone: 2064134526
Mailing Name: Not reported
Mailing Address: P.O. BOX 80842

Year: 2019
Gepaid: CAL000413025
TSD EPA ID: CAD008364432
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.07600

Year: 2019
Gepaid: CAL000413025
TSD EPA ID: NVD980895338
CA Waste Code: 123 - Unspecified alkaline solution
Disposal Method: H121 - Neutralization Only

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

Tons:	0.53350
Year:	2019
Gepaid:	CAL000413025
TSD EPA ID:	NVD980895338
CA Waste Code:	122 - Alkaline solution without metals pH >= 12.5
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.58700
Year:	2019
Gepaid:	CAL000413025
TSD EPA ID:	NVD980895338
CA Waste Code:	791 - Liquids with pH <= 2
Disposal Method:	H121 - Neutralization Only
Tons:	0.08750
Year:	2019
Gepaid:	CAL000413025
TSD EPA ID:	NVD980895338
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.07850
Year:	2019
Gepaid:	CAL000413025
TSD EPA ID:	NVD980895338
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.07800
Year:	2019
Gepaid:	CAL000413025
TSD EPA ID:	NVD980895338
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00750
Year:	2019
Gepaid:	CAL000413025
TSD EPA ID:	NVD980895338
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00050
Year:	2019
Gepaid:	CAL000413025
TSD EPA ID:	AZR000515924
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	2.28650

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

Year:	2019
Gepaid:	CAL000413025
TSD EPA ID:	NVD980895338
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.02750

Click this hyperlink while viewing on your computer to access
26 additional CA HAZNET: record(s) in the EDR Site Report.

HIST CORTESE:

edr_fname:	YELLOW FREIGHT SYSTEM INC
edr_fadd1:	1700 MONTAGUE
City,State,Zip:	SAN JOSE, CA
Region:	CORTESE
Facility County Code:	43
Reg By:	LTNKA
Reg Id:	43-1656

NPDES:

Name:	AMAZON COM SERVICES INC DSF3
Address:	1700 MONTAGUE EXPRESSWAY
City,State,Zip:	SAN JOSE, CA 95131
Facility Status:	Active
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	494514
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 43I027602
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/13/2018
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	NA Environmental Dept
Discharge Name:	Amazon com Services LLC
Discharge City:	Seattle
Discharge State:	Washington
Discharge Zip:	98108
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

Regulatory Measure ID:	494514
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43I027602
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/13/2018
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Golden State FC LLC
Discharge Address:	NA Environmental Dept
Discharge City:	Seattle
Discharge State:	Washington
Discharge Zip:	98108
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	AMAZON COM SERVICES INC DSF3
Address:	1700 MONTAGUE EXPRESSWAY
City,State,Zip:	SAN JOSE, CA 95131
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 43I027602
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	02/13/2018
Operator Name:	Amazon com Services LLC
Operator Address:	NA Environmental Dept
Operator City:	Seattle
Operator State:	Washington
Operator Zip:	98108

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	494514
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43I027602
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

Effective Date Of Regulatory Measure:	02/13/2018
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Golden State FC LLC
Discharge Address:	NA Environmental Dept
Discharge City:	Seattle
Discharge State:	Washington
Discharge Zip:	98108
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

NOTIFY 65:

Name:	YELLOW FREIGHT SYSTEMS, INC.
Address:	1700 MONTAGUE EXPRESSWAY
City,State,Zip:	SAN JOSE, CA 93212
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

SAN JOSE HAZMAT:

Name:	AMAZON
Address:	1700 MONTAGUE EX
City,State,Zip:	SAN JOSE, CA 95131
Region:	SAN JOSE
File Num:	403963
Class:	Auto Wrecking/Misc Simple Facility

CIWQS:

Name:	YRC
Address:	1700 MONTAGUE EXPY
City,State,Zip:	SAN JOSE, CA 95131
Agency:	YRC
Agency Address:	1700 Montague Expressway, San Jose, CA 95131
Place/Project Type:	Industrial - Trucking, Except Local
SIC/NAICS:	4213
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 43I003136
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	02/02/1992
Termination Date:	07/02/2013
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

Latitude:	37.40397
Longitude:	-121.89941
Name:	AMAZON COM SERVICES INC DSF3
Address:	1700 MONTAGUE EXPRESSWAY
City,State,Zip:	SAN JOSE, CA 95131
Agency:	Amazon com Services LLC
Agency Address:	NA Environmental Dept PO Box 80842, Seattle, WA 98108
Place/Project Type:	Industrial - General Warehousing and Storage
SIC/NAICS:	4225
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 43I027602
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	02/13/2018
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.403253
Longitude:	-121.898319

CERS:

Name:	AMAZON COM SERVICES INC DSF3
Address:	1700 MONTAGUE EXPRESSWAY
City,State,Zip:	SAN JOSE, CA 95131
Site ID:	526006
CERS ID:	861504
CERS Description:	Industrial Facility Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Amazon com Services Inc
Entity Title:	Operator
Affiliation Address:	NA Environmental DeptPO Box 80842
Affiliation City:	Seattle
Affiliation State:	WA
Affiliation Country:	Not reported
Affiliation Zip:	98108
Affiliation Phone:	Not reported

Name:	AMAZON.COM SERVICES, LLC - DSF3
Address:	1700 MONTAGUE EXPY
City,State,Zip:	SAN JOSE, CA 95131
Site ID:	416518
CERS ID:	10714087
CERS Description:	Chemical Storage Facilities

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

Violations:

Site ID:	416518
Site Name:	Amazon.com Services, LLC - DSF3
Violation Date:	06-06-2019
Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.
Violation Notes:	Returned to compliance on 06/24/2019. EYE WASH STATION ADJACENT TO THE HAZARDOUS WASTE AREA WAS NOT INSPECTED IN MAY.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	416518
Site Name:	Amazon.com Services, LLC - DSF3
Violation Date:	12-13-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 12/26/2018. Facility failed to disclose Diesel fuel on the HMBP inventory submitted to CERS. Within 30 days, revise and resubmit the inventory to CERS.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	416518
Site Name:	Amazon.com Services, LLC - DSF3
Violation Date:	06-06-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/24/2019. WAREHOUSE/HAZARDOUS WASTE AREA -OBSERVED 2X 16 0Z CONTAINERS OF HYDROGEN IN A PLASTIC TOTE MARKED "MEDICATION", THE CONTAINER WAS MISSING THE WORDS HAZARDOUS WASTE, GENERATOR INFORMATION, CONTENT, ACCUMULATION START DATE, PHYSICAL AND HAZARD PROPERTIES.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	416518
Site Name:	Amazon.com Services, LLC - DSF3
Violation Date:	06-06-2019
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B)

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

	Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 06/24/2019. FACILITY FAILED TO POST EMERGENCY PROCEDURES NEXT TO A TELEPHONE AS REQUIRED.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	416518
Site Name:	Amazon.com Services, LLC - DSF3
Violation Date:	06-07-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 06/24/2019. CURRENT SITE MAP FAILED TO INDICATE THE LOCATION OF THE DIESEL GENERATOR THAT RESIDES ON THE PROPERTY FROM APPROXIMATELY THE MONTHS OF OCTOBER TO APRIL.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	416518
Site Name:	Amazon.com Services, LLC - DSF3
Violation Date:	06-06-2019
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes:	Returned to compliance on 06/24/2019. BASED ON THE TYPE OF VIOLATIONS NOTED, EMPLOYEES ARE NOT THOROUGHLY FAMILIAR WITH HAZARDOUS WASTE HANDLING.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	416518
Site Name:	Amazon.com Services, LLC - DSF3
Violation Date:	12-13-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 12/26/2018. Facility failed to disclose location of diesel fuel on site map submitted to CERS. Within 30 days, revise and resubmit the map to CERS.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	416518
Site Name:	Amazon.com Services, LLC - DSF3
Violation Date:	06-07-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 06/24/2019. SEVERAL REQUEST TO REVIEW ANNUAL EMERGENCY RESPONSE AND SAFETY PROCEDURES TRAINING DOCUMENTS WERE MADE BUT DOCUMENTS WERE NOT PROVIDED.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 12-13-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: On-site to witness testing of overfill prevention equipment on YRC's (property owner) underground storage tank when a Caterpillar mobile generator was observed. These mobile generators have attached fuel tanks that typically hold approximately 100 gallons of Diesel fuel thereby making it subject to hazardous materials business plan (HMBP) requirements. NOTES: -Facility had already submitted a HMBP to CERS in October, however only below-HMBP quantity chemicals were disclosed. -A BP01 (1-3 reportable chemicals) permit will be issued to this business.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-07-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: INSPECTION COMMENCED ON JUNE 5, 2019 AND CONCLUDED TODAY. INSPECTION WALK THROUGH WAS CONDUCTED WITH STATION MANAGER ALEX MAGANA. FACILITY RECEIVES GOODS FOR DISTRIBUTION. HAZARDOUS WASTE IS PRIMARILY GENERATED FROM DAMAGED OR UNWANTED GOODS. THE HAZARDOUS WASTE ARE PLACED IN PLASTIC LINED TOTES, SORTED BY HAZARD CATEGORIES.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-07-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: LAST CERS SUMBITTAL DATED MAY 28, 2019. THE FOLLOWING CHEMICAL IS SUBJECT TO HMBP REPORTING THRESHOLD: -DIESEL, 700 GALLONS
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On-site to conduct a routine hazardous waste inspection. Facility is a

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

distribution center for Amazon. Hazardous waste is generated in the form of non-saleable (damaged) merchandise. Hazardous waste storage area is in northwestern corner of warehouse. Potential hazardous waste is staged in the following pre-sort bins: -Other (flammable solids) -Aerosols/Paints -Cleaners -Pesticides/Herbicides -Cosmetics/Perfumes -Medicines/Supplements -Batteries -Oil/Lubricants -Electronics At end of each shift items are moved from pre-sort bins to hazardous waste containers. At time of inspection the following hazardous waste containers were observed: -Waste pesticides: 1 x 5 gallon container -Waste corrosive liquids: 1 x 5 gallon container -Non-RCRA hazardous waste liquids (soaps/latex paint): 1 x 5 gallon container Currently a written log is being maintained to track merchandise that is managed as hazardous waste. NOTES: -CAL000413025 is ACTIVE -Fire [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Affiliation:

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: Attn: NA Environmental Team P.O. Box 80842
Affiliation City: Seatle
Affiliation State: WA
Affiliation Country: Not reported
Affiliation Zip: 98108
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Mark IV Capital, Inc
Entity Title: Not reported
Affiliation Address: 1020 Winding Creek Rd, Suite 100
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95678
Affiliation Phone: (916) 367-7851

Affiliation Type Desc: Document Preparer
Entity Name: JIM MONROE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Patty Sullivan
Entity Title: Not reported
Affiliation Address: PO Box 80842
Affiliation City: Seattle
Affiliation State: WA
Affiliation Country: Not reported
Affiliation Zip: 98108
Affiliation Phone: Not reported

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

Affiliation Type Desc:	Identification Signer
Entity Name:	Jim Monroe
Entity Title:	Business Environmental Leader
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Amazon.com Services, LLC - DSF3
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(206) 413-4526

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Legal Owner
Entity Name:	Amazon.com Services, LLC
Entity Title:	Not reported
Affiliation Address:	PO Box 80842
Affiliation City:	Seattle
Affiliation State:	WA
Affiliation Country:	United States
Affiliation Zip:	98108
Affiliation Phone:	(206) 413-4526

Affiliation Type Desc:	Parent Corporation
Entity Name:	Amazon.com Services LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Name:	YELLOW FREIGHT SYSTEMS
Address:	1700 MONTAGUE EXPY
City,State,Zip:	SAN JOSE, CA 95131
Site ID:	258894
CERS ID:	T0608501606
CERS Description:	Leaking Underground Storage Tank Cleanup Site

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	UST CASE WORKER - SANTA CLARA COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	4089183400

HWTS:

Name:	AMAZON.COM SERVICES LLC DSF3
Address:	1700 MONTAGUE EXPRESSWAY
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95131
EPA ID:	CAR000298117
Inactive Date:	Not reported
Create Date:	08/01/2019
Last Act Date:	12/04/2020
Mailing Name:	Not reported
Mailing Address:	P.O. BOX 80842
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SEATTLE, WA 981080000
Owner Name:	GOLDEN STATE FC LLC
Owner Address:	P.O. BOX 80842
Owner Address 2:	Not reported
Owner City,State,Zip:	SEATTLE, WA 981080000
Contact Name:	NATALIE WAID
Contact Address:	P.O. BOX 80842
Contact Address 2:	Not reported
City,State,Zip:	SEATTLE, WA 98108

NAICS:

EPA ID:	CAR000298117
Create Date:	2019-08-01 09:17:26.143
NAICS Code:	493110
NAICS Description:	General Warehousing and Storage
Issued EPA ID Date:	2019-08-01 09:17:26.13000
Inactive Date:	Not reported
Facility Name:	AMAZON.COM SERVICES LLC DSF3
Facility Address:	1700 MONTAGUE EXPRESSWAY
Facility Address 2:	Not reported
Facility City:	SAN JOSE
Facility County:	Not reported
Facility State:	CA

AMAZON.COM SERVICES LLC DSF3 (Continued) **S100178683**

Facility Zip: 95131

Count: 7 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MILPITAS	S106235144	GREAT MALL - MILIPITAS	GREAT MALL PARKWAY		CPS-SLIC
MILPITAS	S126984422	TULARCITOS CREEK IDS	OLD CALAVERAS RD. 0.7 MI E/O E	95035	SWF/LF
SAN JOSE	S126421094	SAN JOSE CITY DATA CENTER DEVELOPM	1657 ALVISO MILPITAS RD.	95134	CPS-SLIC
SAN JOSE	S107538233		CREEKLAND CIR, @ MAYBERRY RD		CDL
SAN JOSE	S107538711		HICKS RD, .2 MILE FROM ALMADEN		CDL
SAN JOSE	S107995677	COCHRANE PLAZA CHEVROLET	19490 MONTEREY RD		LUST
SAN JOSE	S107540560		SAN ANTONIO VALLEY RD, MILE MA		CDL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/30/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/23/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 82

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/05/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/23/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/23/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/14/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 61

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 77

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/07/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 12/22/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 80
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 12/18/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 84
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 05/20/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/30/2021
Number of Days to Update: 87
Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69
Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 12/18/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 84

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/07/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 12/22/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: No Update Planned

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: No Update Planned

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/07/2021
Date Made Active in Reports: 07/23/2021
Number of Days to Update: 77

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/14/2021
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/24/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 85
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/04/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78
Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50
Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/04/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 85

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/06/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/06/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 87

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/19/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/07/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/14/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/05/2021
Number of Days to Update: 50

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/11/2021
Date Made Active in Reports: 05/11/2021
Number of Days to Update: 61

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/14/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/06/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: No Update Planned

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/23/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 2
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151
Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546
Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3
Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/23/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74
Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/12/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27
Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: No Update Planned

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: No Update Planned

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 05/27/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 14

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 08/25/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/03/2021
Date Data Arrived at EDR: 05/25/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 78

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/15/2021
Date Data Arrived at EDR: 06/16/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 62

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/04/2021
Date Data Arrived at EDR: 04/06/2021
Date Made Active in Reports: 06/25/2021
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 81

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 79

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 84

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 08/05/2021
Number of Days to Update: 78

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/16/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/13/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 74

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 74

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 74

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/05/2021
Date Data Arrived at EDR: 04/06/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/12/2021
Date Data Arrived at EDR: 03/16/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/25/2021
Number of Days to Update: 83

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 06/07/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/07/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 05/19/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 08/12/2021
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/25/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/08/2021
Date Data Arrived at EDR: 04/09/2021
Date Made Active in Reports: 04/20/2021
Number of Days to Update: 11
Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55
Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29
Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 03/17/2021
Date Data Arrived at EDR: 03/18/2021
Date Made Active in Reports: 03/25/2021
Number of Days to Update: 7

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 78

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing

Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 06/15/2021
Date Data Arrived at EDR: 06/16/2021
Date Made Active in Reports: 07/02/2021
Number of Days to Update: 16

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 04/21/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 81

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 12/17/2020
Date Data Arrived at EDR: 01/28/2021
Date Made Active in Reports: 04/16/2021
Number of Days to Update: 78

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/12/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 75

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/14/2021
Date Data Arrived at EDR: 01/15/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 80

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/23/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 2

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 04/22/2021
Date Data Arrived at EDR: 04/30/2021
Date Made Active in Reports: 07/19/2021
Number of Days to Update: 80

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 6

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/12/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 75

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/08/2021
Date Data Arrived at EDR: 04/13/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 76

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/12/2021
Date Data Arrived at EDR: 04/13/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 76

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 02/04/2021
Date Data Arrived at EDR: 04/16/2021
Date Made Active in Reports: 04/21/2021
Number of Days to Update: 5

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 07/12/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 11

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/02/2021
Date Data Arrived at EDR: 04/16/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 81

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: No Update Planned

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/24/2021
Date Data Arrived at EDR: 04/07/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/13/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 73

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/09/2021
Next Scheduled EDR Contact: 11/28/2021
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/06/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/23/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 1

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 04/29/2021
Date Made Active in Reports: 07/15/2021
Number of Days to Update: 77

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 04/30/2021
Date Made Active in Reports: 07/19/2021
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/29/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/12/2021
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/29/2021
Date Data Arrived at EDR: 04/30/2021
Date Made Active in Reports: 07/19/2021
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/29/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 14
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/07/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 03/30/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 03/30/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/25/2021
Number of Days to Update: 85
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 04/29/2021
Date Made Active in Reports: 05/03/2021
Number of Days to Update: 4
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/19/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 06/07/2021
Number of Days to Update: 19
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/07/2021
Date Made Active in Reports: 07/23/2021
Number of Days to Update: 77

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/07/2021
Date Made Active in Reports: 07/23/2021
Number of Days to Update: 77

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: No Update Planned

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/07/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 05/14/2021
Number of Days to Update: 3

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: No Update Planned

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/24/2021
Date Data Arrived at EDR: 02/26/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 82

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: No Update Planned

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/23/2021
Date Data Arrived at EDR: 03/25/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 77

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/12/2021
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/28/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/01/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/17/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 78

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 84

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/29/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 81
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/29/2021
Date Data Arrived at EDR: 04/21/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 2
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/26/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 04/21/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 05/12/2021
Number of Days to Update: 20

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 03/24/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/28/2021
Number of Days to Update: 78

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/29/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/11/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

DUKE - SYCAMORE
501SYCAMORE RD
MILPITAS, CA 95035

TARGET PROPERTY COORDINATES

Latitude (North):	37.411016 - 37° 24' 39.66''
Longitude (West):	121.913594 - 121° 54' 48.94''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	596145.2
UTM Y (Meters):	4140819.0
Elevation:	30 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640070 MILPITAS, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

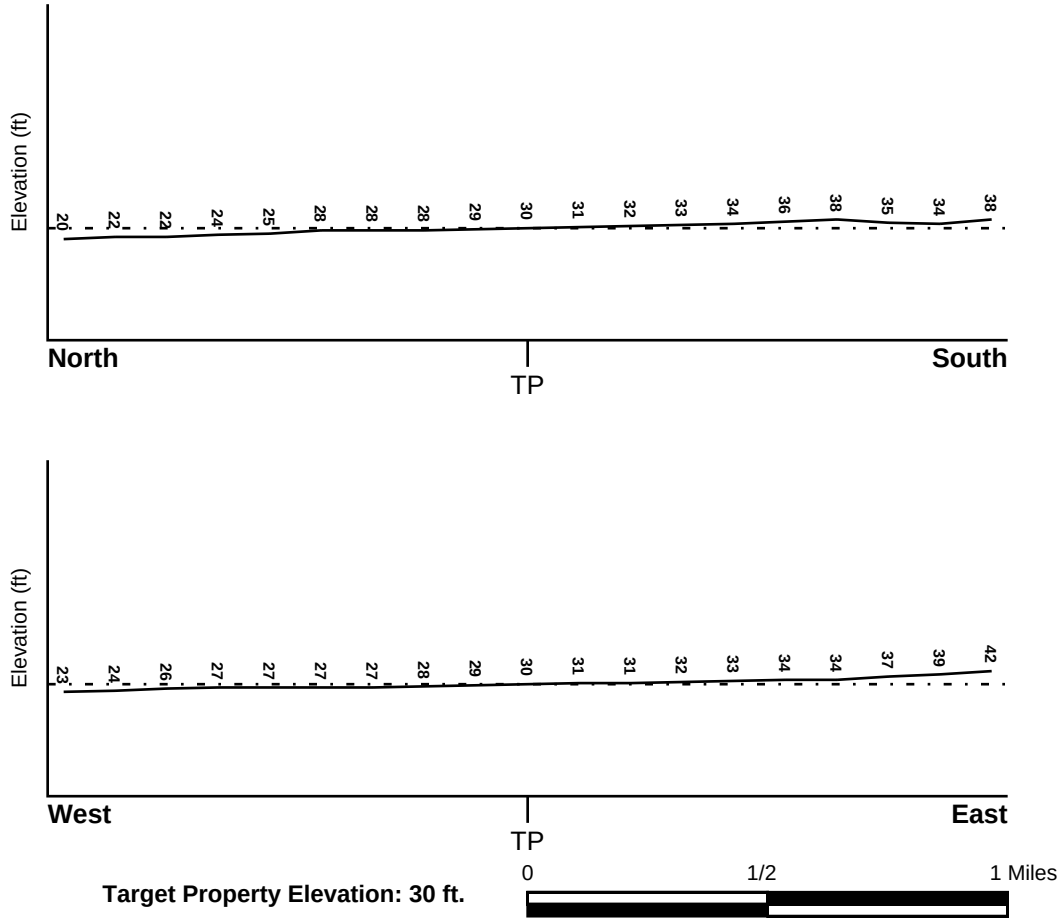
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 30 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06085C0066J	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06085C0067J	FEMA FIRM Flood data
06085C0068J	FEMA FIRM Flood data
06085C0069H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
MILPITAS	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1 - 2 Miles South
Site Name:	San Jose Graphics
Site EPA ID Number:	CAD044869469
Groundwater Flow Direction:	North
Measured Depth to Water:	11 feet to 22 feet.
Hydraulic Connection:	A silty clay aquitard separates the surficial and lower aquifers. This aquitard is not continuous within 1.75 miles of the site.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	BOTELLA
Soil Surface Texture:	clay loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	MODERATE
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	9 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.30 Min: 5.60
2	9 inches	41 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60
3	41 inches	76 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: No Other Soil Types

Surficial Soil Types: No Other Soil Types

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: No Other Soil Types

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B13	USGS40000182942	1/2 - 1 Mile SSW
G45	USGS40000182971	1/2 - 1 Mile WSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

No PWS System Found

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

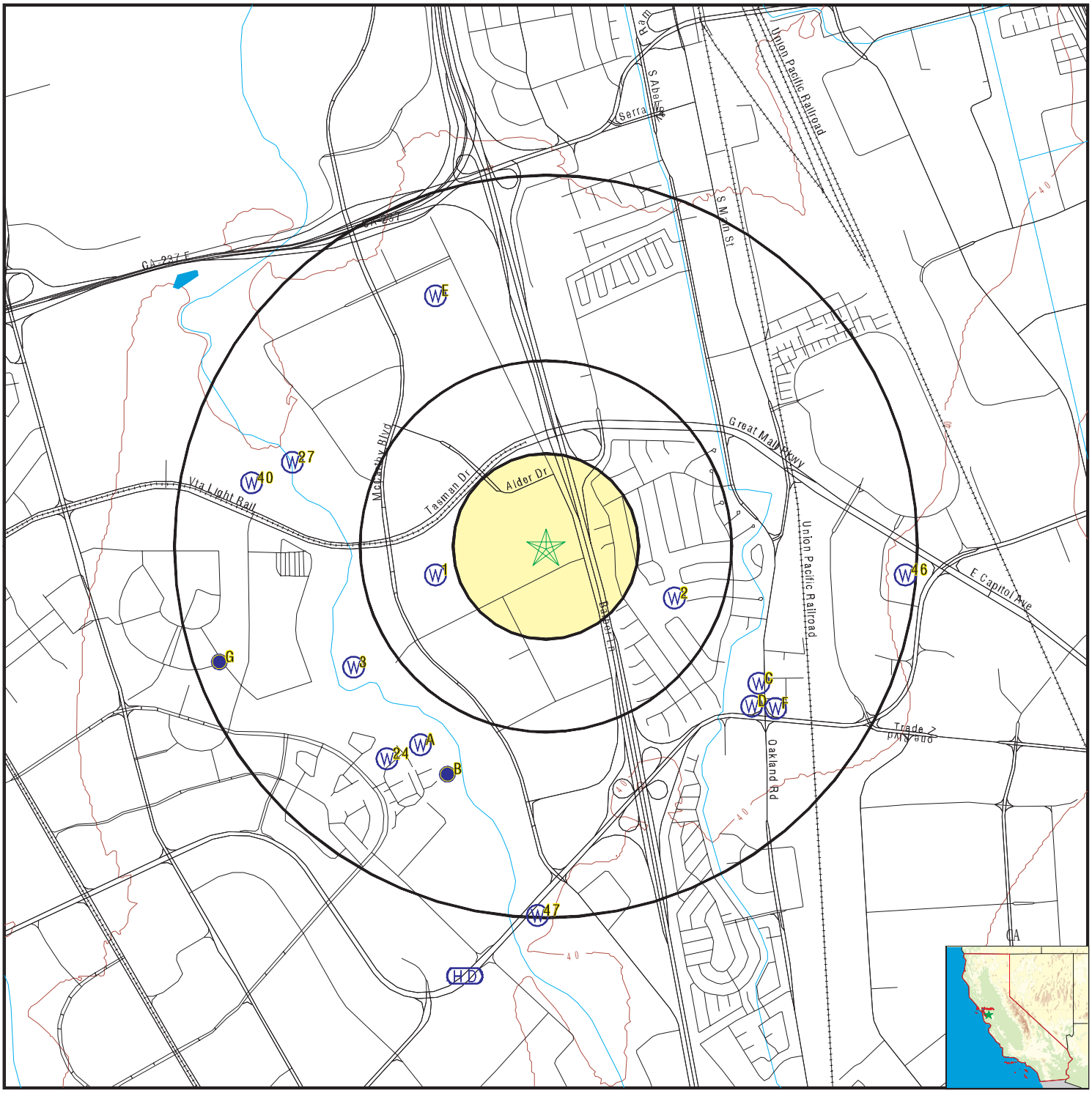
MAP ID	WELL ID	LOCATION FROM TP
1	CADWR0000005158	1/4 - 1/2 Mile WSW
2	CADDW0000016336	1/4 - 1/2 Mile ESE
3	CADWR0000016024	1/2 - 1 Mile WSW
A4	CADDW0000001174	1/2 - 1 Mile SSW
A5	CAUSGSN00004756	1/2 - 1 Mile SSW
A6	CAUSGS000002220	1/2 - 1 Mile SSW
B7	CADDW0000015037	1/2 - 1 Mile SSW
B8	CALLNL000001021	1/2 - 1 Mile SSW
C9	CAEDF0000032815	1/2 - 1 Mile ESE
C10	CAEDF0000011016	1/2 - 1 Mile SE
B11	6848	1/2 - 1 Mile SSW
D12	CAEDF0000066807	1/2 - 1 Mile SE
B14	CAUSGSN00006550	1/2 - 1 Mile SSW
D15	6832	1/2 - 1 Mile SE
D16	CAEDF0000122171	1/2 - 1 Mile SE
D17	CAEDF0000066527	1/2 - 1 Mile SE
D18	CAEDF0000023478	1/2 - 1 Mile SE
D19	CAEDF0000009390	1/2 - 1 Mile SE
D20	CAEDF0000033477	1/2 - 1 Mile SE
D21	CAEDF0000114660	1/2 - 1 Mile SE
D22	CAEDF0000103617	1/2 - 1 Mile SE
D23	CAEDF0000081376	1/2 - 1 Mile SE
24	6847	1/2 - 1 Mile SW
C25	CAEDF0000120021	1/2 - 1 Mile ESE
D26	CAEDF0000022086	1/2 - 1 Mile SE
27	CADWR9000035645	1/2 - 1 Mile WNW
D28	CAEDF0000014916	1/2 - 1 Mile SE
E29	CADWR0000033478	1/2 - 1 Mile NNW
E30	CADWR0000016608	1/2 - 1 Mile NNW
F31	CAEDF0000081136	1/2 - 1 Mile SE
F32	CAEDF0000042721	1/2 - 1 Mile SE
F33	CAEDF0000070763	1/2 - 1 Mile SE
F34	CAEDF0000121219	1/2 - 1 Mile SE
F35	CAEDF0000108998	1/2 - 1 Mile SE
F36	CAEDF0000107882	1/2 - 1 Mile SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F37	CAEDF0000070266	1/2 - 1 Mile SE
F38	CAEDF0000076277	1/2 - 1 Mile SE
F39	CAEDF0000016742	1/2 - 1 Mile SE
40	CADWR0000004570	1/2 - 1 Mile WNW
G41	CADDW0000019645	1/2 - 1 Mile WSW
G42	CAUSGSN00005359	1/2 - 1 Mile WSW
G43	CALLNL000000465	1/2 - 1 Mile WSW
G44	6842	1/2 - 1 Mile WSW
46	CADWR0000035339	1/2 - 1 Mile East
47	CAEDF0000050335	1/2 - 1 Mile South

PHYSICAL SETTING SOURCE MAP - 6649058.1s



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Duke - Sycamore	CLIENT:	APEX Environmental
ADDRESS:	501sycamore Rd Milpitas CA 95035	CONTACT:	Tania Cowden
		INQUIRY #:	6649058.1s
LAT/LONG:	37.411016 / 121.913594	DATE:	September 03, 2021 4:50 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000005158**

Well ID:	06S01W13J001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	06S01W13J001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06S01W13J001M&store_num=		
GeoTracker Data:	Not Reported		

2
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW0000016336**

Well ID:	4310005-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	PINEWOOD WELL - STANDBY	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310005-002&store_num=		
GeoTracker Data:	Not Reported		

3
WSW
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000016024**

Well ID:	06S01W13Q001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	06S01W13Q001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06S01W13Q001M&store_num=		
GeoTracker Data:	Not Reported		

A4
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000001174**

Well ID:	4310019-003	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310019-003&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A5
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00004756**

Well ID:	USGS-372400121550001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-372400121550001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-372400121550001&store_num=		
GeoTracker Data:	Not Reported		

A6
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAUSGS000002220**

Well ID:	SF-17	Well Type:	MUNICIPAL
Source:	United States Geological Survey		
Other Name:	SF-17	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGS&samp_date=&global_id=&assigned_name=SF-17&store_num=		
GeoTracker Data:	Not Reported		

B7
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000015037**

Well ID:	4310019-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - STANDBY	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310019-002&store_num=		
GeoTracker Data:	Not Reported		

B8
SSW
1/2 - 1 Mile
Lower

CA WELLS **CALLNL000001021**

Well ID:	101074	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	06S/01W-24B05 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Tritium (Hydrogen 3)	Results:	11.61
Units:	pCi/L	Date:	01/11/2002

Chemical:	Helium-3/Helium-4	Results:	.00000180438
Units:	atom ratio	Date:	03/14/2002

Chemical:	Helium-4	Results:	.000000174637
Units:	cm3STP/g	Date:	03/14/2002
Chemical:	Krypton	Results:	.000000110185
Units:	cm3STP/g	Date:	03/14/2002
Chemical:	Xenon	Results:	.0000000143183
Units:	cm3STP/g	Date:	03/14/2002
Chemical:	Neon	Results:	.000000647968
Units:	cm3STP/g	Date:	03/14/2002
Chemical:	Argon	Results:	.000610013
Units:	cm3STP/g	Date:	03/14/2002

C9
ESE **CA WELLS** **CAEDF0000032815**
1/2 - 1 Mile
Higher

Well ID:	T0608500923-AW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	AW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500923&assigned_name=AW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500923&assigned_name=AW-4		

C10
SE **CA WELLS** **CAEDF0000011016**
1/2 - 1 Mile
Higher

Well ID:	T0608500923-AW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	AW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500923&assigned_name=AW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500923&assigned_name=AW-3		

B11
SSW **CA WELLS** **6848**
1/2 - 1 Mile
Lower

Seq:	6848	Prim sta c:	06S/01W-24B05 M
Frds no:	4310019002	County:	43
District:	05	User id:	HEN
System no:	4310019	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	372408.0	Longitude:	1215503.0

Precision:	3	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4310019	System nam:	City Of San Jose - Nsj/Alviso
Hqname:	SAN JOSE MUN WTR SYS	Address:	3025 TUERS RD.
City:	SAN JOSE	State:	CA
Zip:	95121	Zip ext:	Not Reported
Pop serv:	4300	Connection:	1221
Area serve:	SAN JOSE ALVISO		

Sample date:	20-NOV-17	Finding:	1.76
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	20-NOV-17	Finding:	3.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	20-NOV-17	Finding:	190.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		

Sample date:	20-NOV-17	Finding:	6.1
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		

Sample date:	20-NOV-17	Finding:	3.2
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	20-NOV-17	Finding:	830.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	20-NOV-17	Finding:	7.66
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

Sample date:	20-NOV-17	Finding:	300.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	20-NOV-17	Finding:	370.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	20-NOV-17	Finding:	381.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	20-NOV-17	Finding:	94.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	20-NOV-17	Finding:	36.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	20-NOV-17	Finding:	33.

Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-NOV-17	Finding:	1.9
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-NOV-17	Finding:	40.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	20-NOV-17	Finding:	76.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-NOV-17	Finding:	47.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	20-NOV-17	Finding:	490.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-NOV-17	Finding:	0.48
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	20-NOV-17	Finding:	12.51
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	20-NOV-17	Finding:	1.6
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-NOV-17	Finding:	830.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

D12
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000066807**

Well ID:	T0608500923-AW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	AW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500923&assigned_name=AW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500923&assigned_name=AW-5		

B13
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000182942**

Organization ID:	USGS-CA
Organization Name:	USGS California Water Science Center

Monitor Location:	006S001W24B005M	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19830816	Well Depth:	630
Well Depth Units:	ft	Well Hole Depth:	660
Well Hole Depth Units:	ft		

B14
SSW **CA WELLS** **CAUSGSN00006550**
1/2 - 1 Mile
Higher

Well ID:	USGS-372407121550801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-372407121550801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-372407121550801&store_num=		
GeoTracker Data:	Not Reported		

D15
SE **CA WELLS** **6832**
1/2 - 1 Mile
Higher

Seq:	6832	Prim sta c:	06S/01E-18P10 M
Frds no:	4300733001	County:	43
District:	73	User id:	43C
System no:	4300733	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	372416.0	Longitude:	1215411.0
Precision:	3	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4300733	System nam:	C & A Chevron
Hqname:	Not Reported	Address:	1302 TRIMBLE RD.
City:	SAN JOSE	State:	CA
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	20	Connection:	1
Area serve:	Not Reported		

D16
SE **CA WELLS** **CAEDF0000122171**
1/2 - 1 Mile
Higher

Well ID:	T0608500923-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500923&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500923&assigned_name=MW-4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D17
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000066527**

Well ID:	T0608500923-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500923&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500923&assigned_name=MW-2		

D18
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000023478**

Well ID:	T0608500923-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500923&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500923&assigned_name=MW-1		

D19
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000009390**

Well ID:	T0608500923-AW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	AW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500923&assigned_name=AW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500923&assigned_name=AW-1		

D20
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000033477**

Well ID:	T0608500923-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500923&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500923&assigned_name=MW-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D21
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000114660**

Well ID:	T0608500923-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500923&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500923&assigned_name=MW-6		

D22
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000103617**

Well ID:	T0608500923-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500923&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500923&assigned_name=MW-5		

D23
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000081376**

Well ID:	T0608500923-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500923&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500923&assigned_name=MW-7		

24
SW
1/2 - 1 Mile
Higher

CA WELLS **6847**

Seq:	6847	Prim sta c:	06S/01W-24B04 M
Frds no:	4310019003	County:	43
District:	05	User id:	HEN
System no:	4310019	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	372410.0	Longitude:	1215513.0
Precision:	3	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported

Comment 7: Not Reported

System no:	4310019	System nam:	City Of San Jose - Nsj/Alviso
Hqname:	SAN JOSE MUN WTR SYS	Address:	3025 TUERS RD.
City:	SAN JOSE	State:	CA
Zip:	95121	Zip ext:	Not Reported
Pop serv:	4300	Connection:	1221
Area serve:	SAN JOSE ALVISO		

Sample date:	13-FEB-18	Finding:	3.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	31-JAN-17	Finding:	760.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	31-JAN-17	Finding:	3.3
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	31-JAN-17	Finding:	11.8
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

Sample date:	31-JAN-17	Finding:	0.37
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		

Sample date:	31-JAN-17	Finding:	570.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	31-JAN-17	Finding:	6.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		

Sample date:	31-JAN-17	Finding:	26.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		

Sample date:	31-JAN-17	Finding:	180.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		

Sample date:	31-JAN-17	Finding:	0.13
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	31-JAN-17	Finding:	87.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	31-JAN-17	Finding:	46.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	31-JAN-17	Finding:	1.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	31-JAN-17	Finding:	33.

Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	34.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	98.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	387.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	3.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-JAN-17	Finding:	370.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	300.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	6.93
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	1.47
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	1.34
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-FEB-16	Finding:	3.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-JUL-14	Finding:	12.8
Chemical:	TRICHLOROACETIC ACID (TCAA)	Report units:	UG/L
Dlr:	1.		
Sample date:	08-JUL-14	Finding:	37.04
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	12.9
Chemical:	DICHLOROACETIC ACID (DCAA)	Report units:	UG/L
Dlr:	1.		
Sample date:	08-JUL-14	Finding:	35.06
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	08-JUL-14	Finding:	1.98
Chemical:	BROMODICHLOROMETHANE (THM)	Report units:	UG/L
Dlr:	1.		

Sample date:	08-JUL-14	Finding:	25.6
Chemical:	HALOACETIC ACIDS (5) (HAA5)	Report units:	UG/L
Dlr:	0.		
Sample date:	11-FEB-14	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	11-FEB-14	Finding:	3200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-FEB-14	Finding:	9600.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	11-FEB-14	Finding:	1.4
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	11-FEB-14	Finding:	540.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	11-FEB-14	Finding:	7.5
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	11-FEB-14	Finding:	36.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	11-FEB-14	Finding:	210.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	11-FEB-14	Finding:	0.11
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	11-FEB-14	Finding:	82.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	11-FEB-14	Finding:	45.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	11-FEB-14	Finding:	1.8
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	11-FEB-14	Finding:	34.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	11-FEB-14	Finding:	37.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	11-FEB-14	Finding:	97.
Chemical:	CALCIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	11-FEB-14	Finding:	390.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	11-FEB-14	Finding:	370.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	11-FEB-14	Finding:	300.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	11-FEB-14	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	11-FEB-14	Finding:	880.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	11-FEB-14	Finding:	0.18
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		

C25
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000120021**

Well ID:	T0608501267-FA-3	Well Type:	MONITORING
Source:	EDF	Other Name:	FA-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501267&assigned_name=FA-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501267&assigned_name=FA-3		

D26
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000022086**

Well ID:	T0608500923-AW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	AW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500923&assigned_name=AW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500923&assigned_name=AW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

27
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000035645**

State Well #:	06S01W13C009M	Station ID:	52337
Well Name:	06S01W13C009	Basin Name:	Santa Clara
Well Use:	Observation	Well Type:	Single Well
Well Depth:	51	Well Completion Rpt #:	708991

D28
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000014916**

Well ID:	T0608500923-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500923&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500923&assigned_name=MW-8		

E29
NNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000033478**

Well ID:	06S01W12R002M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	06S01W12R002M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06S01W12R002M&store_num=		
GeoTracker Data:	Not Reported		

E30
NNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000016608**

Well ID:	06S01W12R001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	06S01W12R001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06S01W12R001M&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F31
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000081136**

Well ID:	T0608501267-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501267&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501267&assigned_name=MW-4		

F32
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000042721**

Well ID:	T0608501267-EW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501267&assigned_name=EW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501267&assigned_name=EW-3		

F33
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000070763**

Well ID:	T0608501267-EW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501267&assigned_name=EW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501267&assigned_name=EW-4		

F34
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000121219**

Well ID:	T0608501267-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501267&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501267&assigned_name=MW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F35
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000108998**

Well ID:	T0608501267-EW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501267&assigned_name=EW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501267&assigned_name=EW-1		

F36
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000107882**

Well ID:	T0608501267-EW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501267&assigned_name=EW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501267&assigned_name=EW-2		

F37
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000070266**

Well ID:	T0608501267-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501267&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501267&assigned_name=MW-3		

F38
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000076277**

Well ID:	T0608501267-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501267&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501267&assigned_name=MW-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F39
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000016742**

Well ID:	T0608501267-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501267&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501267&assigned_name=MW-5		

40
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000004570**

Well ID:	06S01W13F001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	06S01W13F001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06S01W13F001M&store_num=		
GeoTracker Data:	Not Reported		

G41
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000019645**

Well ID:	4310800-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 04	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310800-001&store_num=		
GeoTracker Data:	Not Reported		

G42
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00005359**

Well ID:	USGS-372423121554601	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-372423121554601	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-372423121554601&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G43
WSW
1/2 - 1 Mile
Lower

CA WELLS **CALLNL000000465**

Well ID:	100920	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	06S/01W-13F06 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Krypton	Results:	.000000106547
Units:	cm3STP/g	Date:	11/19/2001
Chemical:	Xenon	Results:	.0000000104278
Units:	cm3STP/g	Date:	11/19/2001
Chemical:	Argon	Results:	.000491667
Units:	cm3STP/g	Date:	11/19/2001
Chemical:	Helium-3/Helium-4	Results:	.00000167744
Units:	atom ratio	Date:	11/19/2001
Chemical:	Helium-4	Results:	.000000130586
Units:	cm3STP/g	Date:	11/19/2001
Chemical:	Tritium (Hydrogen 3)	Results:	13.45
Units:	pCi/L	Date:	06/10/2002
Chemical:	Neon	Results:	.000000490167
Units:	cm3STP/g	Date:	11/19/2001

G44
WSW
1/2 - 1 Mile
Lower

CA WELLS **6842**

Seq:	6842	Prim sta c:	06S/01W-13N04 M
Frds no:	4310800001	County:	43
District:	05	User id:	HEN
System no:	4310800	Water type:	G
Source nam:	WELL 04	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	372424.0	Longitude:	1215543.0
Precision:	2	Status:	AU
Comment 1:	2450 FEET SOUTH HETCH - HETCHY / 1700 FEET WEST COYOTE CREEK SAN JOSE		
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	4310800	System nam:	Agnews Dev. Center - East Campus
Hqname:	Not Reported	Address:	3500 ZANKER RD

City:	SAN JOSE	State:	CA
Zip:	95114	Zip ext:	Not Reported
Pop serv:	1830	Connection:	34
Area serve:	Not Reported		

G45
WSW **FED USGS** **USGS40000182971**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006S001W13F006M	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19900830	Well Depth:	700
Well Depth Units:	ft	Well Hole Depth:	740
Well Hole Depth Units:	ft		

46
East **CA WELLS** **CADWR0000035339**
1/2 - 1 Mile
Higher

Well ID:	06S01E17M001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	06S01E17M001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06S01E17M001M&store_num=		
GeoTracker Data:	Not Reported		

47
South **CA WELLS** **CAEDF0000050335**
1/2 - 1 Mile
Higher

Well ID:	SL374261193-MW-30	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-30
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL374261193&assigned_name=MW-30&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL374261193&assigned_name=MW-30		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95035	32	0

Federal EPA Radon Zone for SANTA CLARA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95035

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.400 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX B

ENVIRONMENTAL LIEN AND ACTIVITY AND USE LIMITATION REPORT

DUKE - SYCAMORE
501SYCAMORE RD
MILPITAS, CA 95035

Inquiry Number: 6560317.7S
JUNE 30, 2021

EDR Environmental Lien and AUL Search

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

DUKE - SYCAMORE
501SYCAMORE RD
MILPITAS, CA 95035

RESEARCH SOURCE

Source 1: SANTA CLARA COUNTY RECORDER'S OFFICE

Source 2: CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Deed 1

Type of Deed:	GRANT DEED
Title is vested in:	STP MILPITAS OWNER LLC
Title received from:	OAK CREEK PROPERTIES, LLC, REGISTERED IN CALIFORNIA AS OAK CREEK PROPERTIES VENTURE, LLC
Date Executed:	07/28/2020
Date Recorded:	08/19/2020
Book:	NA
Page:	NA
Volume:	NA
Instrument#:	24580887
Docket:	NA
Land Record Comments:	NA
Miscellaneous Comments:	NA

Legal Description: ALL OF PARCEL 2, AS SHOWN UPON THAT CERTAIN MAP ENTITLED, "PARCEL MAP BEING A RESUBDIVISION OF PARCELS C & D AS SHOWN ON MAP ENTITLED, "PARCEL MAP" RECORDED IN BOOK 451 OF MAPS, AT PAGES 49, 50 & 51, SANTA CLARA COUNTY RECORDS", WHICH MAP WAS FILED FOR RECORD IN THE OFFICE OF THE RECORDER OF THE COUNTY OF SANTA CLARA, STATE OF CALIFORNIA, ON AUGUST 27, 1981 IN BOOK 489 OF MAPS, AT PAGES 23 AND 24.

Current Owner: STP MILPITAS OWNER LLC

Property Identifiers: 083-31-001

Comments: NA

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

Comments: NONE IDENTIFIED.

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AUL's: Found ☐ Not Found ☒

Comments: NONE IDENTIFIED.

EDR Environmental Lien and AUL Search

MISCELLANEOUS

Comments: NONE IDENTIFIED.

EDR Environmental Lien and AUL Search

DEED EXHIBIT

This document was electronically submitted to Santa Clara County for recording

24580887

Regina Alcomendras
Santa Clara County - Clerk-Recorder
08/19/2020 10:26 AM

Titles: 1 Pages: 5
Fees: $27.00
Tax: $50050.00
Total: $50077.00

FIDELITY NATIONAL TITLE COMPANY

30037108-TZ

RECORDING REQUESTED BY AND
WHEN RECORDED MAIL TO:

STP Milpitas Owner LLC
c/o Vertical Ventures Capital LLC
1655 North Main Street, Suite 280
Walnut Creek, CA 94596
Attn: Christopher Aust

MAIL TAX STATEMENTS TO:

SAME AS ABOVE

(Above Space for Recorder's Use Only)

GRANT DEED

EXEMPT FROM BUILDING HOMES AND JOBS ACTS FEE PER GOVERNMENT CODE 27388.1(a)(2)

APN: 083-31-001

DOCUMENTARY TRANSFER TAX IS **$50,050.00**;
CITY TRANSFER TAX IS **$0.00**;
SURVEY MONUMENT FEE **$0.00**

[X] computed on the consideration or full value of property conveyed, OR
[ ] computed on the consideration or full value less value of liens and/or encumbrances remaining at time of sale,
[ ] unincorporated area; or [x] City of Milpitas, and

Signature of Declarant

FOR VALUE RECEIVED, Oak Creek Properties, LLC, a Delaware limited liability company, registered in California as Oak Creek Properties Venture, LLC, GRANTS to STP Milpitas Owner LLC, a Delaware limited liability company, all that certain real property situated in the City of Milpitas, County of Santa Clara, State of California, described on **Exhibit A** attached hereto and by this reference incorporated herein, subject to all matters of record.

[Mail tax statements as noted above]

"MAIL TAX STATEMENTS AS DIRECTED ABOVE"

DATED as of this 28th day of July

OAK CREEK PROPERTIES, LLC,
a Delaware limited liability company

By: _____
Name: Steven A. Russell
Title: Vice President

By: _____
Name: Jordan Socaransky
Title: Vice President

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of ~~California~~ Connecticut)
) ss
County of Fairfield)

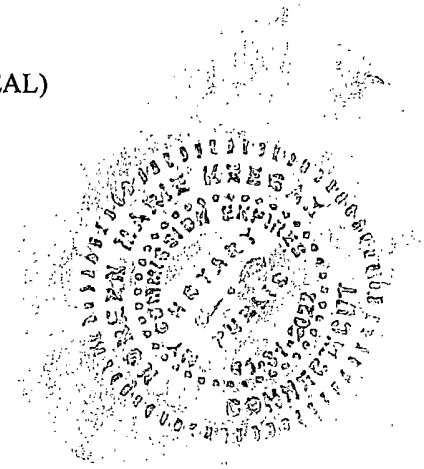
On July 28, 2020, 2020 before me, Noreen Marie Keegan, a Notary Public, personally appeared Jordan Socaransky, who proved to me on the basis of satisfactory evidence to be the person (s) whose name (s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her their authorized capacity (ies), and that by his/her/their signature (s) on the instrument the person (s), or the entity upon behalf of which the person (s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Noreen Marie Keegan (SEAL)

Noreen Maire Keegan
Notary Public-Connecticut
My Commission Expires
January 31, 2023



ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of ~~California~~ Connecticut)
) ss
County of Fairfield)

On July 28, 2020, 2020 before me, Noreen Marie Keegan, a Notary Public, personally appeared Steven A. Russell, who proved to me on the basis of satisfactory evidence to be the person (s) whose name (s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her their authorized capacity (ies), and that by his/her/their signature (s) on the instrument the person (s), or the entity upon behalf of which the person (s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Noreen Marie Keegan (SEAL)

Noreen Maire Keegan
Notary Public-Connecticut
My Commission Expires
January 31, 2023

EXHIBIT A

LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF MILPITAS IN THE COUNTY OF SANTA CLARA, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

ALL OF PARCEL 2, AS SHOWN UPON THAT CERTAIN MAP ENTITLED, "PARCEL MAP BEING A RESUBDIVISION OF PARCELS C & D AS SHOWN ON MAP ENTITLED, "PARCEL MAP" RECORDED IN BOOK 451 OF MAPS, AT PAGES 49, 50 & 51, SANTA CLARA COUNTY RECORDS", WHICH MAP WAS FILED FOR RECORD IN THE OFFICE OF THE RECORDER OF THE COUNTY OF SANTA CLARA, STATE OF CALIFORNIA, ON AUGUST 27, 1981 IN BOOK 489 OF MAPS, AT PAGES 23 AND 24.

APN: 083-31-001

APPENDIX C

AERIAL PHOTOGRAPHS

Duke - Sycamore

475, 501 and 525 Sycamore Dr

Milpitas, CA 95035

Inquiry Number: 6560317.11

September 03, 2021

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

09/03/21

Site Name:

Duke - Sycamore
475, 501 and 525 Sycamore Dr
Milpitas, CA 95035
EDR Inquiry # 6560317.11

Client Name:

APEX Environmental
15850 Crabbs Branch Way
Rockville, MD 20855
Contact: Tania Cowden

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1998	1"=500'	Flight Date: August 27, 1998	USDA
1993	1"=500'	Acquisition Date: January 01, 1993	USGS/DOQQ
1982	1"=500'	Flight Date: July 05, 1982	USDA
1979	1"=500'	Flight Date: August 16, 1979	USDA
1974	1"=500'	Flight Date: October 14, 1974	USGS
1968	1"=500'	Flight Date: June 14, 1968	USGS
1963	1"=500'	Flight Date: June 23, 1963	EDR Proprietary Aerial Viewpoint
1956	1"=500'	Flight Date: June 09, 1956	USDA
1950	1"=500'	Flight Date: April 01, 1950	USDA
1948	1"=500'	Flight Date: September 26, 1948	USDA
1940	1"=500'	Flight Date: June 12, 1940	USDA
1939	1"=500'	Flight Date: July 31, 1939	USDA

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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INQUIRY #: 6560317.11
YEAR: 2016
= 500'
N
EDR

INQUIRY #: 6560317.11
YEAR: 2012
= 500'
N
EDR

INQUIRY #: 6560317.11
YEAR: 2009
= 500'
N
EDR

INQUIRY #: 6560317.11
YEAR: 2006
= 500'
N
EDR

INQUIRY #: 6560317.11
YEAR: 1998
= 500'
N
EDR

INQUIRY #: 6560317.11

YEAR: 1993

= 500'

N

EDR

INQUIRY #: 6560317.11
YEAR: 1982
= 500'
N
EDR

INQUIRY #: 6560317.11
YEAR: 1979
= 500'
N
EDR

INQUIRY #: 6560317.11
YEAR: 1974
= 500'
N
EDR

INQUIRY #: 6560317.11
YEAR: 1968
= 500'
N
EDR

INQUIRY #: 6560317.11

YEAR: 1963

= 500'

N

EDR

INQUIRY #: 6560317.11
YEAR: 1956
= 500'
N
EDR

INQUIRY #: 6560317.11
YEAR: 1950
= 500'
N
EDR

INQUIRY #: 6560317.11

YEAR: 1948

= 500'

N

EDR

INQUIRY #: 6560317.11

YEAR: 1940

= 500'

N

EDR

INQUIRY #: 6560317.11
YEAR: 1939
= 500'
N
EDR

APPENDIX D

TOPOGRAPHIC MAPS

Duke - Sycamore

475, 501 and 525 Sycamore Dr

Milpitas, CA 95035

Inquiry Number: 6560317.4

September 03, 2021

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

09/03/21

Site Name:

Duke - Sycamore
475, 501 and 525 Sycamore Dr
Milpitas, CA 95035
EDR Inquiry # 6560317.4

Client Name:

APEX Environmental
15850 Crabbs Branch Way
Rockville, MD 20855
Contact: Tania Cowden

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by APEX Environmental were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: NA

Coordinates:

Latitude:	37.41102 37° 24' 40" North
Longitude:	-121.91359 -121° 54' 49" West
UTM Zone:	Zone 10 North
UTM X Meters:	596143.22
UTM Y Meters:	4141023.54
Elevation:	30.00' above sea level

Maps Provided:

2012	1889
1980	
1973	
1968	
1961	
1953	
1899	
1897	

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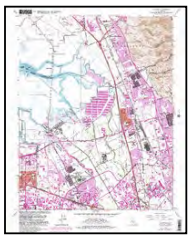
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets

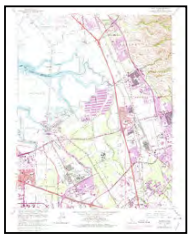
Milpitas
2012
7.5-minute, 24000

1980 Source Sheets



Milpitas
1980
7.5-minute, 24000
Aerial Photo Revised 1979

1973 Source Sheets



Milpitas
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1968 Source Sheets

Milpitas
1968
7.5-minute, 24000
Aerial Photo Revised 1968

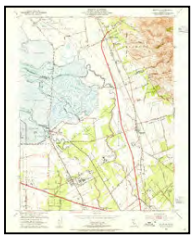
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1961 Source Sheets

Milpitas
1961
7.5-minute, 24000
Aerial Photo Revised 1960

1953 Source Sheets



Milpitas
1953
7.5-minute, 24000
Aerial Photo Revised 1948

1899 Source Sheets

San Jose
1899
15-minute, 62500

1897 Source Sheets

San Jose
1897
15-minute, 62500

Topo Sheet Key

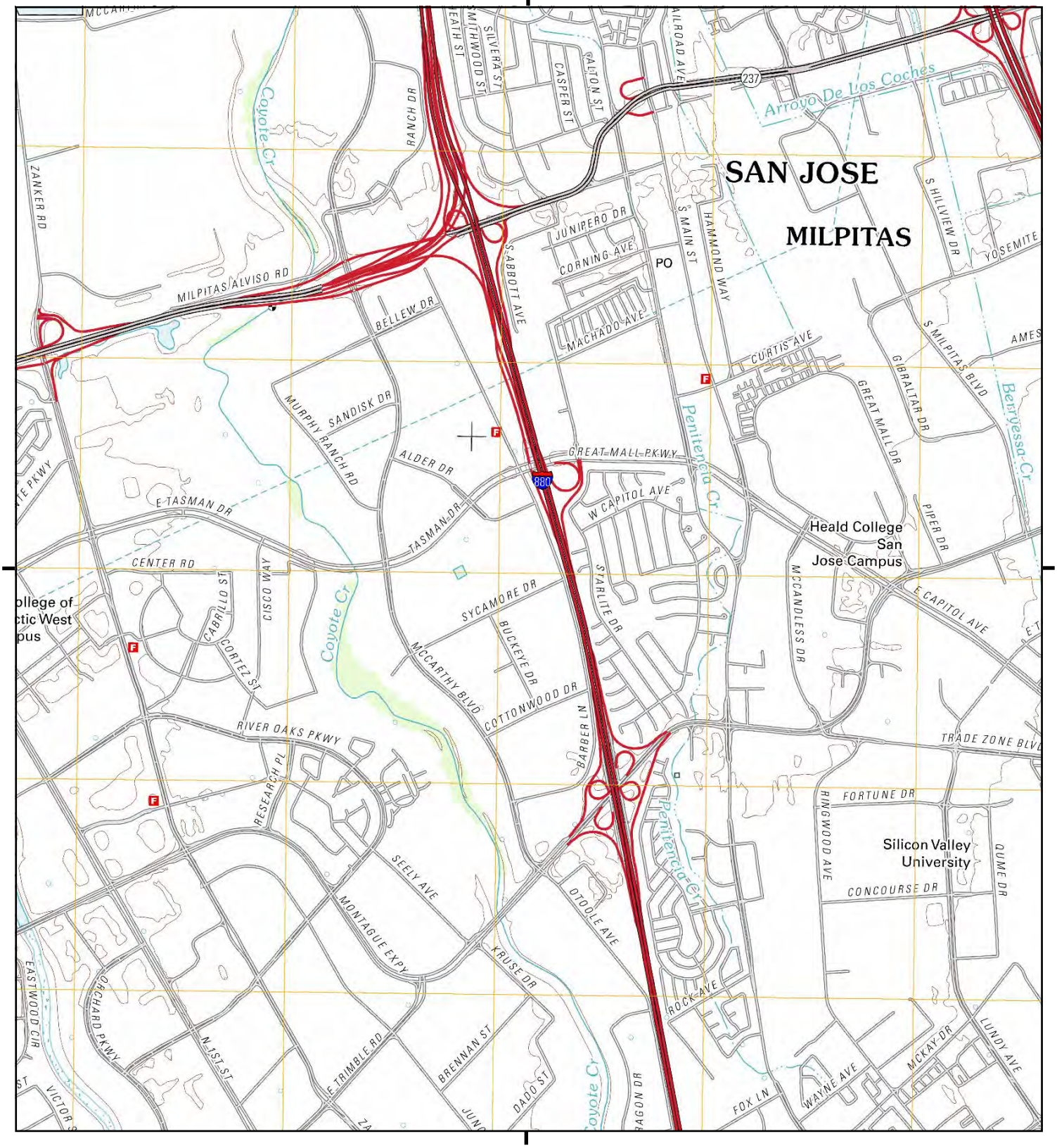
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1889 Source Sheets

San Jose
1889
15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

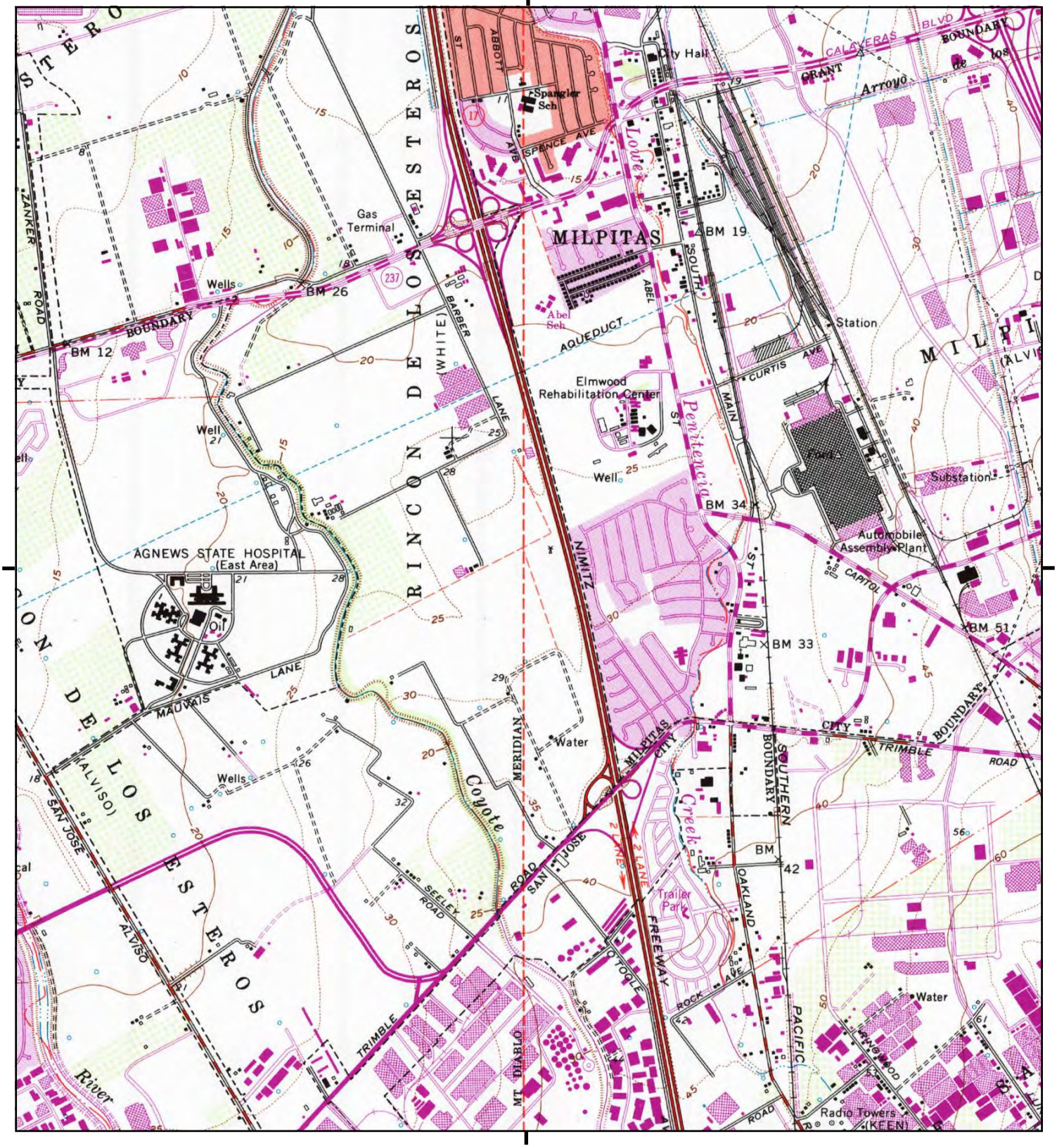
TP, Milpitas, 2012, 7.5-minute

SITE NAME: Duke - Sycamore
ADDRESS: 475, 501 and 525 Sycamore Dr
Milpitas, CA 95035
CLIENT: APEX Environmental

N

Historical Topo Map

1980



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

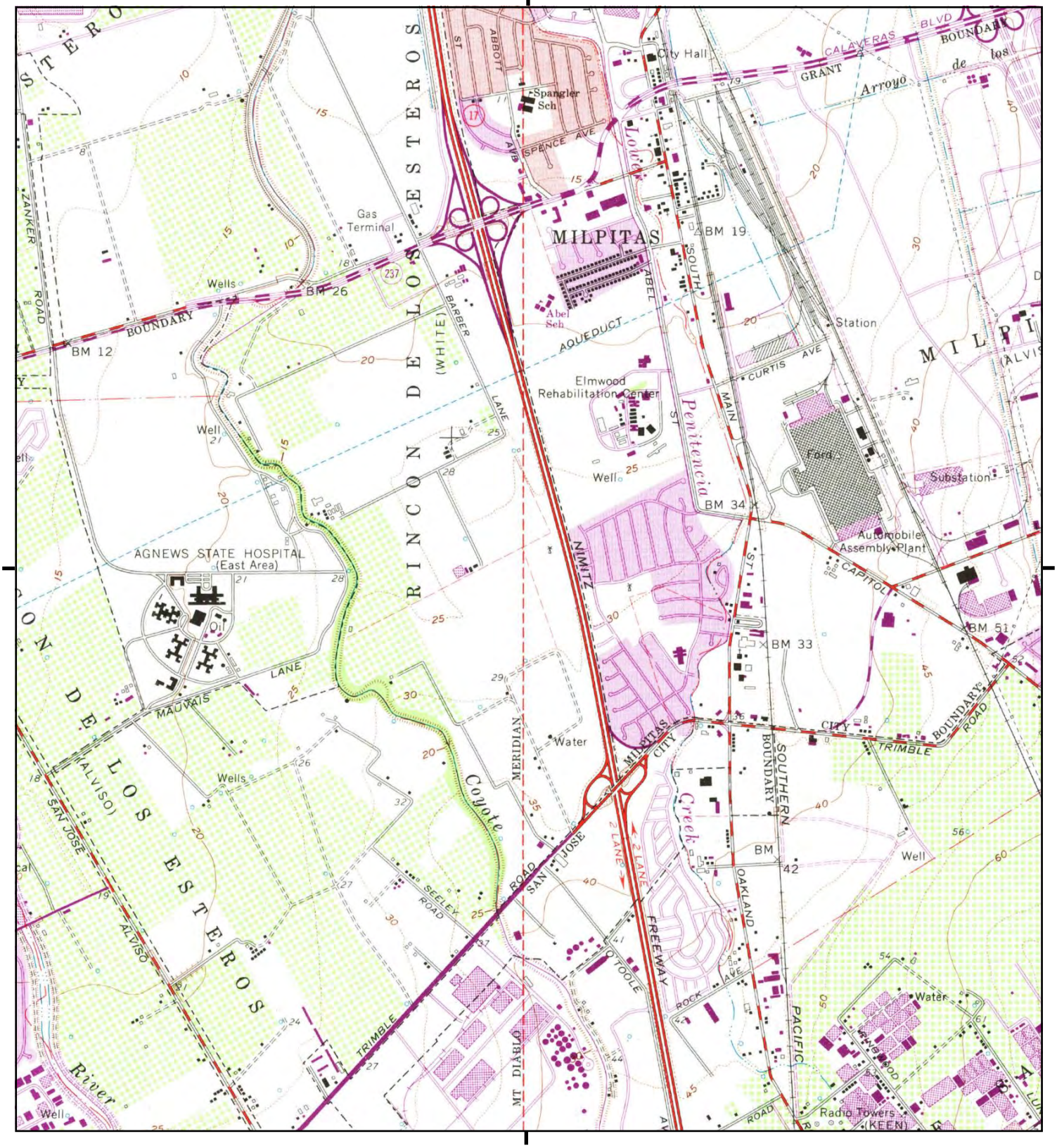
TP, Milpitas, 1980, 7.5-minute

SITE NAME: Duke - Sycamore
ADDRESS: 475, 501 and 525 Sycamore Dr
Milpitas, CA 95035
CLIENT: APEX Environmental

N

Historical Topo Map

1973



This report includes information from the following map sheet(s).

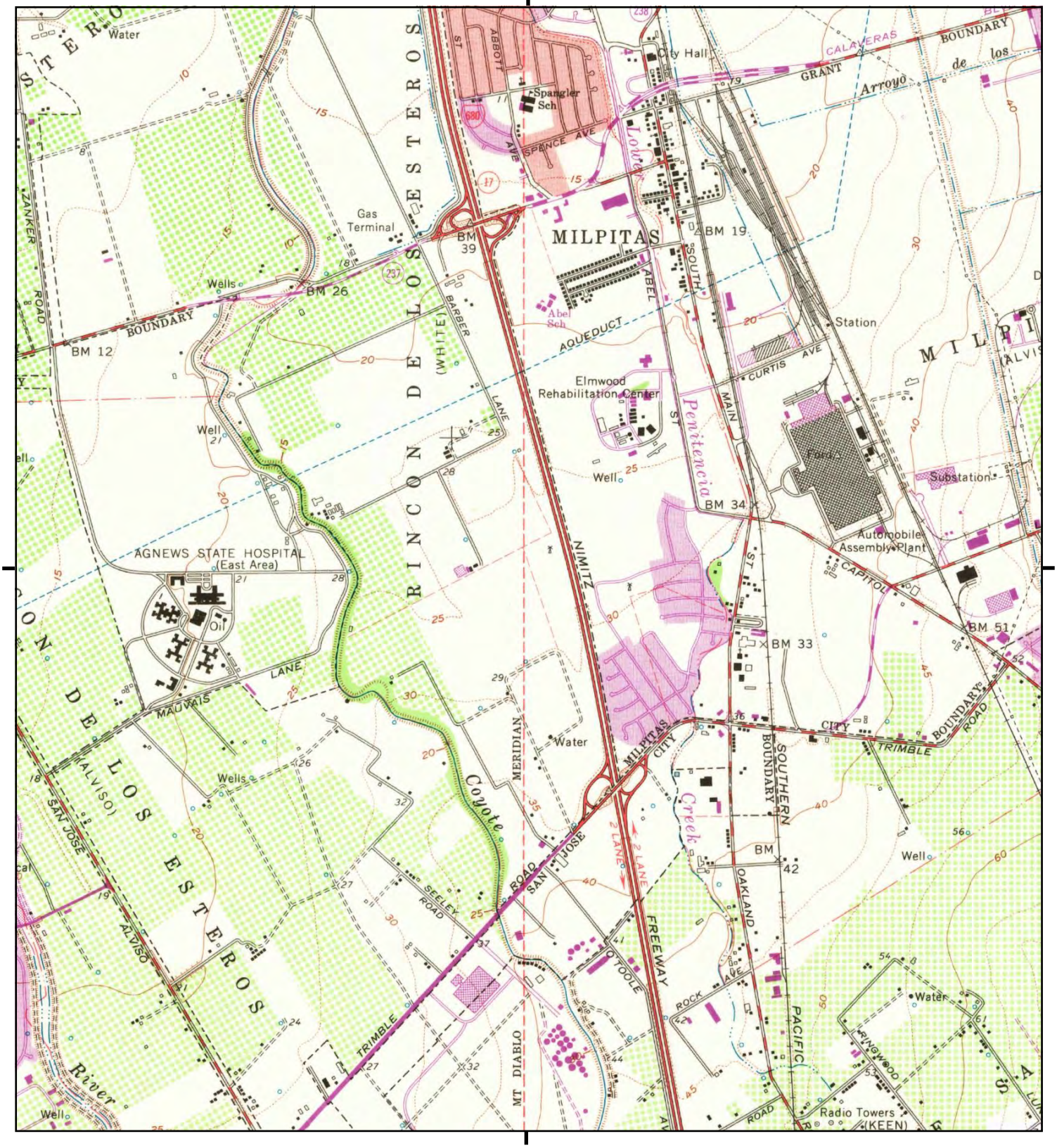
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Milpitas, 1973, 7.5-minute

SITE NAME: Duke - Sycamore
ADDRESS: 475, 501 and 525 Sycamore Dr
Milpitas, CA 95035
CLIENT: APEX Environmental

N



This report includes information from the following map sheet(s).

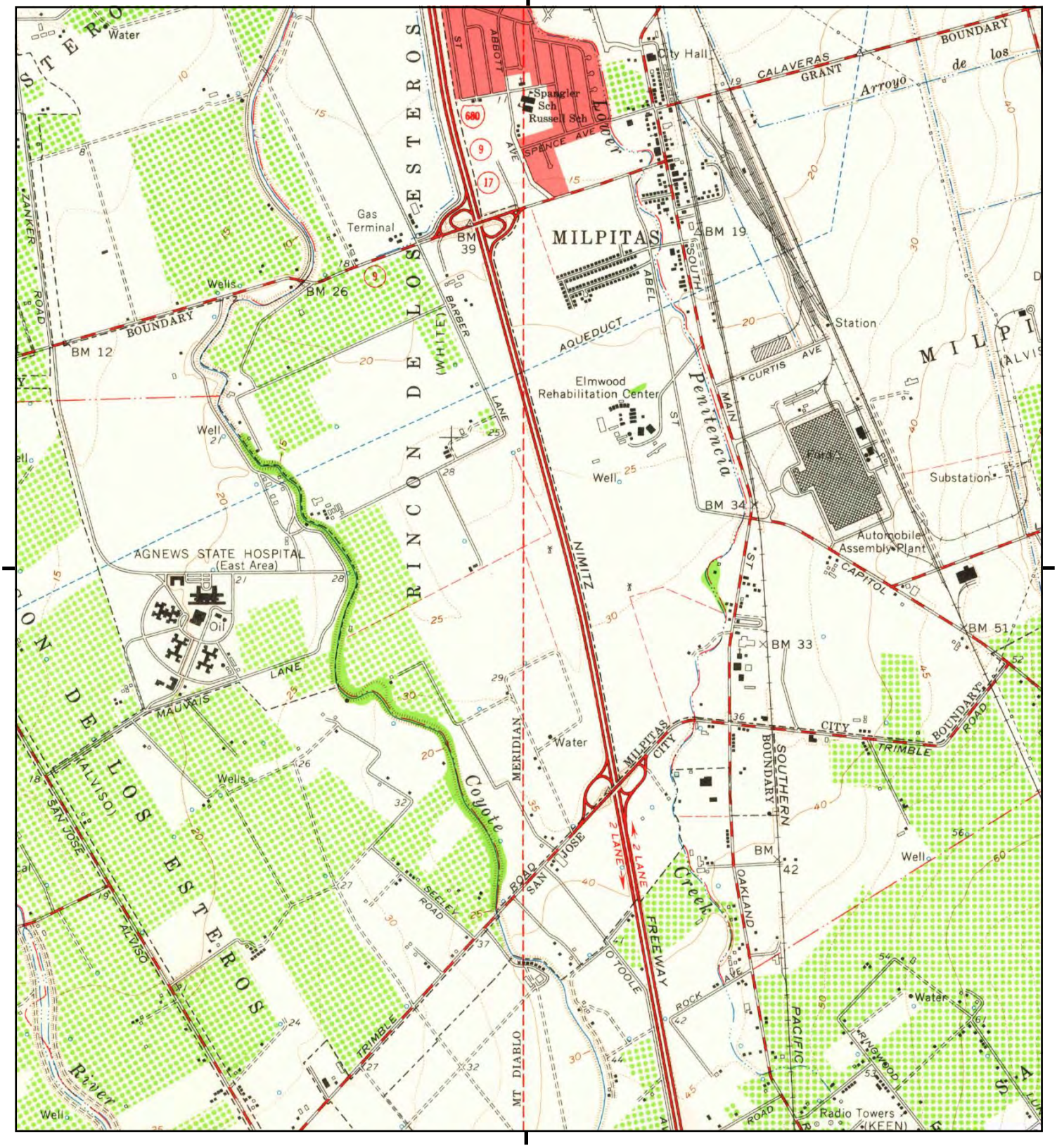
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Milpitas, 1968, 7.5-minute

SITE NAME: Duke - Sycamore
ADDRESS: 475, 501 and 525 Sycamore Dr
Milpitas, CA 95035
CLIENT: APEX Environmental

N



This report includes information from the following map sheet(s).

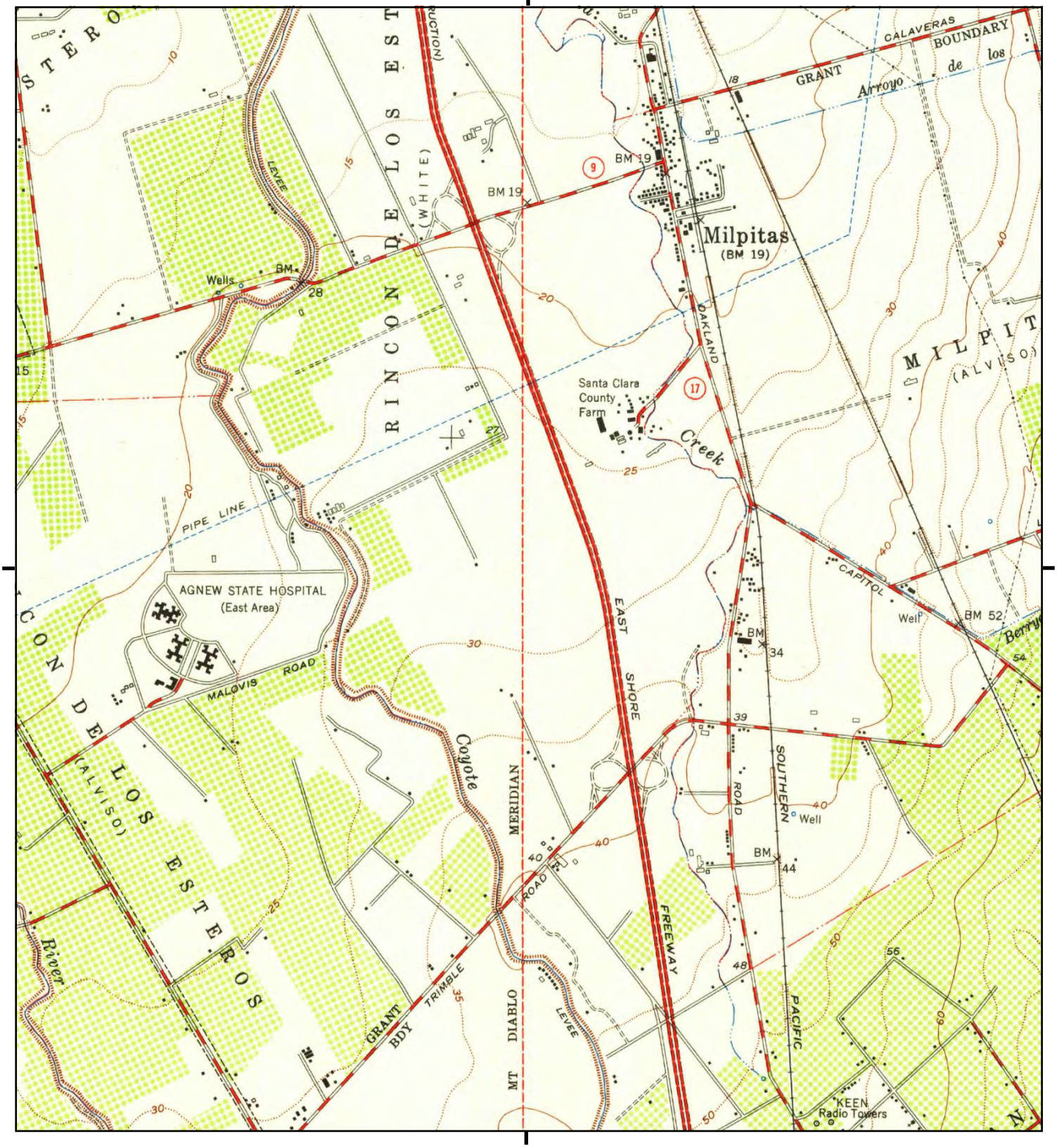
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Milpitas, 1961, 7.5-minute

SITE NAME: Duke - Sycamore
ADDRESS: 475, 501 and 525 Sycamore Dr
Milpitas, CA 95035
CLIENT: APEX Environmental

N



This report includes information from the following map sheet(s).

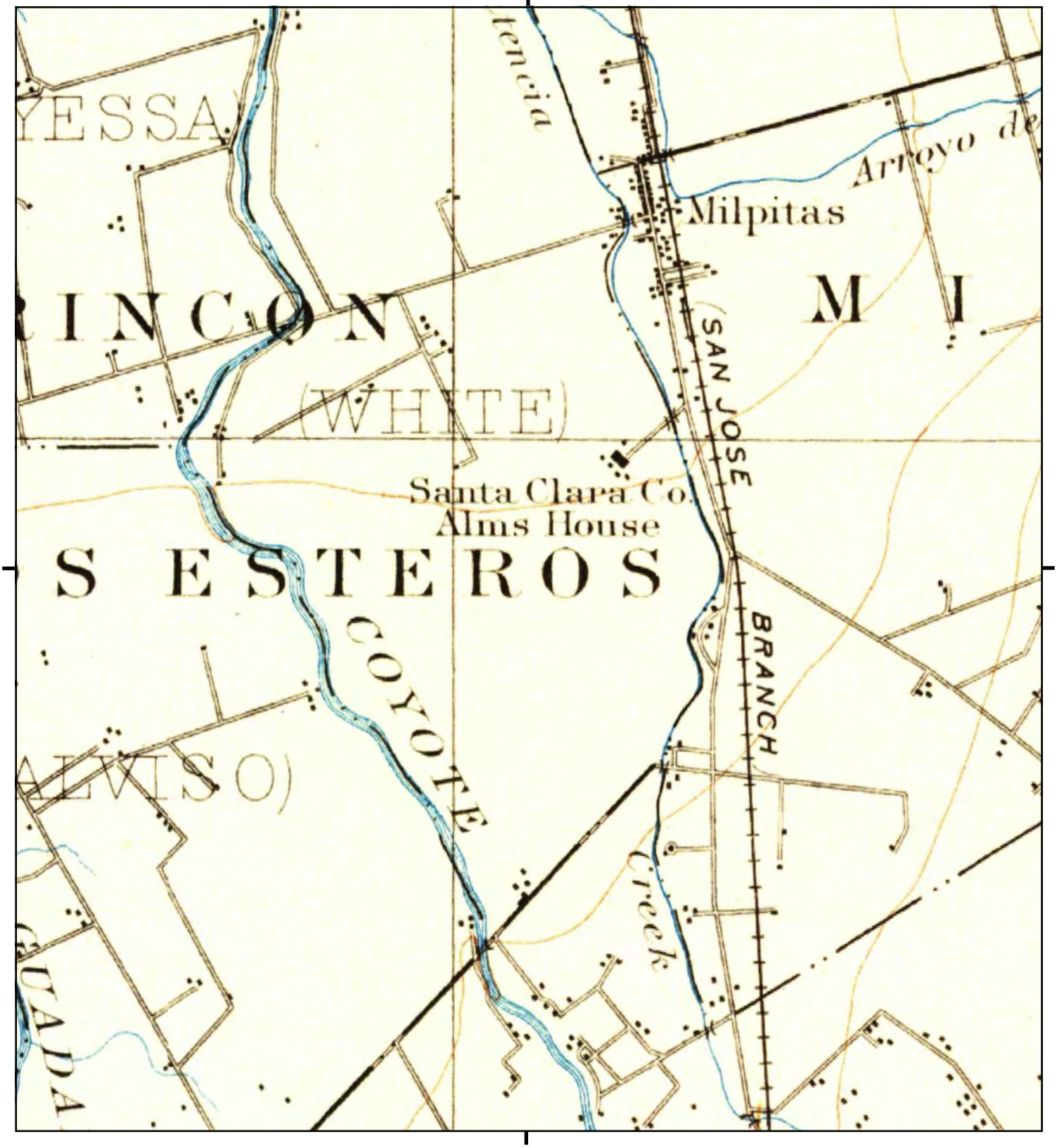
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Milpitas, 1953, 7.5-minute

SITE NAME: Duke - Sycamore
ADDRESS: 475, 501 and 525 Sycamore Dr
Milpitas, CA 95035
CLIENT: APEX Environmental

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Jose, 1899, 15-minute

SITE NAME: Duke - Sycamore
ADDRESS: 475, 501 and 525 Sycamore Dr
Milpitas, CA 95035
CLIENT: APEX Environmental

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Jose, 1897, 15-minute

SITE NAME: Duke - Sycamore
ADDRESS: 475, 501 and 525 Sycamore Dr
Milpitas, CA 95035
CLIENT: APEX Environmental

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Jose, 1889, 15-minute

SITE NAME: Duke - Sycamore
ADDRESS: 475, 501 and 525 Sycamore Dr
Milpitas, CA 95035
CLIENT: APEX Environmental

N

APPENDIX E

CITY DIRECTORIES REPORT

Duke - Sycamore
475, 501 and 525 Sycamore Dr
Milpitas, CA 95035

Inquiry Number: 6560317.5
September 03, 2021

The EDR-City Directory Abstract

Environmental Data Resources Inc
6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2017. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2017	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2014	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2009	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2006	Haines Company, Inc.	-	X	X	-
	Haines Company, Inc.	X	X	X	-
2004	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
2001	Haines Company, Inc.	-	X	X	-
2000	Haines & Company	-	X	X	-
	Haines & Company	X	X	X	-
1999	Cole Information Services	-	X	X	-
1996	Pacific Bell	-	X	X	-
1994	Cole Information Services	-	-	-	-
1991	PACIFIC BELL WHITE PAGES	-	X	X	-
	PACIFIC BELL WHITE PAGES	X	X	X	-
1986	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1985	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1982	Pacific Telephone	-	-	-	-
1980	Pacific Telephone	-	X	X	-
1978	R. L. Polk & Co.	-	-	-	-
1975	R. L. Polk Co.	-	-	-	-
1974	R. L. Polk Co.	-	-	-	-
1970	R. L. Polk Co.	-	-	-	-
1968	R. L. Polk Co.	-	-	-	-
1966	R. L. POLK	-	-	-	-
1965	R. L. Polk Co.	-	-	-	-
1964	R. L. Polk Co.	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	R. L. Polk & Co.	-	-	-	-
1960	R. L. Polk Co.	-	X	X	-
1957	Pacific Telephone	-	X	X	-
1955	R.L. Polk and Co Publishers	-	-	-	-
1950	R. L. Polk Co.	-	-	-	-
1946	R. L. Polk Co.	-	-	-	-
1945	R. L. Polk Co.	-	-	-	-
1942	R.L. Polk	-	-	-	-
1940	R. L. Polk Co.	-	-	-	-
1936	R. L. Polk Co.	-	-	-	-
1935	R. L. Polk Co.	-	-	-	-
1931	R. L. Polk Co.	-	-	-	-
1930	R. L. Polk Co. of California	-	-	-	-
1926	R. L. Polk Co.	-	-	-	-
1925	R. L. Polk Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1922	R. L. Polk Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
475 Sycamore Road	Client Entered	X
525 Sycamore Road	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

475, 501 and 525 Sycamore Dr
Milpitas, CA 95035

FINDINGS DETAIL

Target Property research detail.

SYCAMORE DR

475 SYCAMORE DR

Year	Uses	Source
2017	EMPOWERTEL NETWORKS	Cole Information Services
2014	EMPOWERTEL NETWORKS	Cole Information Services
	QUANTROS INC	Cole Information Services
2009	EMPOWER TEL NETWORKS	Cole Information Services
	NAYNA NETWORKS INC	Cole Information Services
2006	EMPOWERTEL	Haines Company, Inc.
	IP UNITY	Haines Company, Inc.
	NETWORKS	Haines Company, Inc.
2004	IP UNITY CORP	Cole Information Services
1986	CAE Intl	Pacific Bell
	GE Answer Center Consumer Products Information	Pacific Bell

501 SYCAMORE DR

Year	Uses	Source
2004	QUANTUM INTERNATIONAL DISC	Cole Information Services
2000	NO CURRENT LISTING	Haines & Company
1991	CALMA COMPANY	PACIFIC BELL WHITE PAGES
1985	CALMA COMPANY	Pacific Bell

525 SYCAMORE DR

Year	Uses	Source
2017	SPECTRA LABORATORIES	Cole Information Services
	SPECTRA LABS	Cole Information Services

FINDINGS

Year	Uses	Source
2014	SPECTRA LABORATORIES	Cole Information Services
	SPECTRA LABS	Cole Information Services
2009	SPECTRA LABORATORIES INC	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services

Sycamore Road

475 Sycamore Road

Year	Uses	Source
2006	EMPOWERTEL	Haines Company, Inc.
	IP UNITY	Haines Company, Inc.
	NETWORKS	Haines Company, Inc.
1986	CAE Intl	Pacific Bell
	GE Answer Center Consumer Products Information	Pacific Bell

525 Sycamore Road

Year	Uses	Source

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BARBER LN

1335 BARBER LN

Year	Uses	Source
1985	L N L TRUCKING	Pacific Bell
1980	Nolasco Ismaet	Pacific Telephone
	Martinez Eugenia	Pacific Telephone
	Armanino Wm	Pacific Telephone
	Armanino Wm	Pacific Telephone

1365 BARBER LN

Year	Uses	Source
1986	Lau King Fong	Pacific Bell
1985	LAU KING FONG	Pacific Bell
1980	Leu Kir g Fong	Pacific Telephone
	Lau Kenneth	Pacific Telephone

1500 BARBER LN

Year	Uses	Source
1980	Hennies D	Pacific Telephone

1503 BARBER LN

Year	Uses	Source
1986	Bennett Rick & Karen	Pacific Bell

SUZANNE DR

420 SUZANNE DR

Year	Uses	Source
1957	CORSON JOHN B	Pacific Telephone

FINDINGS

423 SUZANNE DR

Year	Uses	Source
1960	4 Miller Firmnan W da	R. L. Polk Co.

427 SUZANNE DR

Year	Uses	Source
2001	VALENTALrnda	Haines Company, Inc.
	VALENTAKern	Haines Company, Inc.
	r VALENTAKOen	Haines Company, Inc.
	VALENTALard O	Haines Company, Inc.

SYCAMORE DR

550 SYCAMORE DR

Year	Uses	Source
2017	TELESPHERE	Cole Information Services
	RURAL METRO OF NORTHERN CALIFORNIA	Cole Information Services
	TECHNOLOGY INC T S I	Cole Information Services
2014	T S I TECHNOLOGY INC	Cole Information Services
	RURAL METRO OF NORTHERN CALIFORNIA	Cole Information Services
	TELESPHERE	Cole Information Services
2009	T S I TECHNOLOGY INC	Cole Information Services
2006	TSITECHNOLOGY	Haines Company, Inc.
2004	DAVID WATSON	Cole Information Services
	OPTOMA TECHNOLOGY INC	Cole Information Services
	EDWARDS HIGH VACUUM INTRNTNL	Cole Information Services
	TECHNICAL SERVICE CORP	Cole Information Services
2000	EDWARDS HIGH VACUUM INTERNATL	Haines & Company
1999	EDWARDS HIGH VACUUM INTERNATIONAL	Cole Information Services
1996	EDWARDS HIGH	Pacific Bell
	VACUUM INTERNATIONAL	Pacific Bell
1991	Bell Microproducts Inc	PACIFIC BELL WHITE PAGES
	BELL MICROPRODUCTS INC MILPITAS 434 115	PACIFIC BELL WHITE PAGES
	BELT MICROPRODUCTS	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	Belt Microproducts	PACIFIC BELL WHITE PAGES
1986	VIDEO 7 INC	Pacific Bell
1985	VIDEO-7 INC	Pacific Bell

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1335 BARBER LN	2017, 2014, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1994, 1991, 1986, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1365 BARBER LN	2017, 2014, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1994, 1991, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1500 BARBER LN	2017, 2014, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1994, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1503 BARBER LN	2017, 2014, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1994, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
420 SUZANNE DR	2017, 2014, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1994, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
423 SUZANNE DR	2017, 2014, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1994, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
427 SUZANNE DR	2017, 2014, 2009, 2006, 2004, 2000, 1999, 1996, 1994, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
550 SYCAMORE DR	2006, 2001, 2000, 1996, 1994, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
550 SYCAMORE DR	2017, 2014, 2009, 2004, 2001, 1999, 1994, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
475, 501 and 525 Sycamore Dr	2001, 1999, 1996, 1994, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

APPENDIX F

FIRE INSURANCE SANBORN MAPS

Duke - Sycamore

501sycamore Rd

Milpitas, CA 95035

Inquiry Number: 6560317.3

June 30, 2021

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

06/30/21

Site Name:

Duke - Sycamore
501sycamore Rd
Milpitas, CA 95035
EDR Inquiry # 6560317.3

Client Name:

APEX Environmental
15850 Crabbs Branch Way
Rockville, MD 20855
Contact: Tania Cowden

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by APEX Environmental were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # CDD2-4898-86B9

PO # NA

Project NA

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: CDD2-4898-86B9

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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APEX Environmental (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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APPENDIX G

BUILDING PERMITS REPORT

Duke - Sycamore
475, 501 and 525 Sycamore Dr
Milpitas, CA 95035

Inquiry Number: 6560317.8
September 03, 2021

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

About This Report

Executive Summary

Findings

Glossary

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILD FAX PROPERTY HISTORY

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of APEX Environmental on Sep 03, 2021.

TARGET PROPERTY

475, 501 and 525 Sycamore Dr
Milpitas, CA 95035

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Milpitas

Year	*Source*	*TP*	*Adjoining*
2021	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
2020	City of Milpitas, Building and Safety Department		X
2019	City of Milpitas, Building and Safety Department		X
2018	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
2017	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
2016	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
2015	City of Milpitas, Building and Safety Department	X	
2014	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
2013	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
2012	City of Milpitas, Building and Safety Department	X	
2011	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
2010	City of Milpitas, Building and Safety Department		
2009	City of Milpitas, Building and Safety Department		X
2008	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
2007	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
2006	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
2005	City of Milpitas, Building and Safety Department		X
2004	City of Milpitas, Building and Safety Department		X

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

Year	Source	TP	Adjoining
2003	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
2002	City of Milpitas, Building and Safety Department		X
2001	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
2000	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
1999	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
1998	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
1997	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
1996	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
1995	City of Milpitas, Building and Safety Department		X
	City of Milpitas, Building and Safety Department	X	
1994	City of Milpitas, Building and Safety Department		
1993	City of Milpitas, Building and Safety Department		
1992	City of Milpitas, Building and Safety Department		
1991	City of Milpitas, Building and Safety Department		
1990	City of Milpitas, Building and Safety Department		
1989	City of Milpitas, Building and Safety Department		
1988	City of Milpitas, Building and Safety Department		
1987	City of Milpitas, Building and Safety Department		
1986	City of Milpitas, Building and Safety Department		

Name: JurisdictionName
Years: Years
Source: Source
Phone: Phone

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Milpitas
Years: 1986-2021
Source: City of Milpitas, Building and Safety Department, MILPITAS, CA
Phone: (408) 586-3240

Name: Redding
Years: 1926-2021
Source: City of Redding, Development Services, Building Division, Redding, CA
Phone: 530-225-4014

Name: Santa Clara County Unincorporated Area
Years: 1960-2021
Source: Santa Clara County, Development Services Office, SAN JOSE, CA
Phone: (408) 299-5700

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

475, 501 and 525 Sycamore Dr
Milpitas, CA 95035

475 SYCAMORE DR

Date:	**3/25/2021**
Permit Type:	**C OF O**
Description:	**CORNING OPTICAL COMMUNICATIONS LLC: New wireless hardware/software research company**
Permit Description:	
Work Class:	NEW BUSINESS
Proposed Use:	
Permit Number:	B-OC21-0021
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CORNING OPTICAL COMMUNICATIONS LLC

Date:	**3/18/2016**
Permit Type:	**COC OCCUPANCY**
Description:	**SPIDERCLOUD WIRELESS INC.: Computer software and hardware co**
Permit Description:	
Work Class:	COC NEW BUSINESS
Proposed Use:	
Permit Number:	B-OC16-0068
Status:	CANCELED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPIDERCLOUD WIRELESS INC.

TARGET PROPERTY FINDINGS

Date:	**2/29/2016**
Permit Type:	**CTO TEMP OCCUPANCY**
Description:	**SPIDER CLOUD: Temporary occupancy of office**
Permit Description:	
Work Class:	CTO-TEMP OCC
Proposed Use:	
Permit Number:	B-OT16-0004
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MAS APPLIED CONSTRUCTION TECHNOLOGY INCO

Date:	**2/5/2016**
Permit Type:	**CDS DEFERRED SUBMITL**
Description:	**SPIDER CLOUD: Installation of server rack, cubical systems a**
Permit Description:	
Work Class:	CDS-DEF SUBMITTAL
Proposed Use:	
Permit Number:	B-DF16-0005
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MAS APPLIED CONSTRUCTION TECHNOLOGY INCO

Date:	**1/21/2016**
Permit Type:	**CTI OFFICE PROF BLD**
Description:	**SPIDER CLOUD: Tenant improvement to create new computer lab**
Permit Description:	
Work Class:	CTI-OFF/BANK/PROF
Proposed Use:	
Permit Number:	B-BP16-0011
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MAS APPLIED CONSTRUCTION TECHNOLOGY INCO

TARGET PROPERTY FINDINGS

Date:	**1/21/2016**
Permit Type:	**CEL ELECTRICAL**
Description:	**SPIDER CLOUD: Tennant improvement to create new computer lab**
Permit Description:	
Work Class:	CEL-ELECTRICAL
Proposed Use:	
Permit Number:	B-EL16-0025
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MAS APPLIED CONSTRUCTION TECHNOLOGY INCO

Date:	**1/21/2016**
Permit Type:	**CME MECHANICAL**
Description:	**SPIDER CLOUD: Tennant improvement to create new computer lab**
Permit Description:	
Work Class:	CME-MECHANICAL
Proposed Use:	
Permit Number:	B-ME16-0020
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MAS APPLIED CONSTRUCTION TECHNOLOGY INCO

Date:	**8/22/2012**
Permit Type:	**CTO TEMP OCCUPANCY**
Description:	**QUANTROS: Temporary occupancy for company moving within Milp**
Permit Description:	
Work Class:	CTO-TEMP OCC
Proposed Use:	
Permit Number:	B-OT12-0012
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VULCAN CONSTRUCTION INC

TARGET PROPERTY FINDINGS

Date:	**7/23/2012**
Permit Type:	**CTI OFFICE PROF BLD**
Description:	**QUANTROS: Tenant improvement for company moving within Milpi**
Permit Description:	
Work Class:	CTI-OFF/BANK/PROF
Proposed Use:	
Permit Number:	B-BP12-0356
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VULCAN CONSTRUCTION INC

Date:	**7/23/2012**
Permit Type:	**CEL ELECTRICAL**
Description:	**QUANTROS: Tenant improvement for company moving within Milpi**
Permit Description:	
Work Class:	CEL-ELECTRICAL
Proposed Use:	
Permit Number:	B-EL12-0281
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VULCAN CONSTRUCTION INC

Date:	**7/23/2012**
Permit Type:	**CME MECHANICAL**
Description:	**QUANTROS: Tenant improvement for company moving within Milpi**
Permit Description:	
Work Class:	CME-MECHANICAL
Proposed Use:	
Permit Number:	B-ME12-0232
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VULCAN CONSTRUCTION INC

TARGET PROPERTY FINDINGS

Date:	**7/23/2012**
Permit Type:	**CPL PLUMBING**
Description:	**QUANTROS: Tenant improvement for company moving within Milpi**
Permit Description:	
Work Class:	CPL-PLUMBING
Proposed Use:	
Permit Number:	B-PL12-0231
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VULCAN CONSTRUCTION INC

Date:	**7/18/2012**
Permit Type:	**CTP TEMPORARY**
Description:	**QUANTROS: Temporary permit for tenant improvement for compa**
Permit Description:	
Work Class:	CTP-TEMPORARY
Proposed Use:	
Permit Number:	B-TP12-0010
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VULCAN CONSTRUCTION INC

Date:	**7/12/2012**
Permit Type:	**CDM DEMOLITION**
Description:	**QUANTROS: Interior non-structural demolition to prepare for**
Permit Description:	
Work Class:	CDM-INT NONSTR DEMO
Proposed Use:	
Permit Number:	B-DM12-0059
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VULCAN CONSTRUCTION INC

TARGET PROPERTY FINDINGS

Date:	**6/21/2011**
Permit Type:	**ENCROACHMENT**
Description:	**Relocate (E) PGE facilities**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	E-EN11-0078
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	PG&E Franchise Area

Date:	**7/31/2008**
Permit Type:	**CRV REVISION**
Description:	**SPEC SPACE: Remove two walls, misc. framing, new lavatory counter tops 8/1/2008 8/1/2008 NGUYEN RESIDENCE: Move his and hers vanity to bathroom(sing NGUYEN RESIDENCE: Move his and hers vanity to bathroom(single sink) Change bathroom door direction. 8/4/2008 CHEVRON GAS STATION: Move bollards to driveway side of curb CHEVRON GAS STATION: Move bollards to driveway side of curb SPEC SPACE: Remove two walls, misc. framing, new lavatory counter tops**
Permit Description:	
Work Class:	CRV-Com Rev
Proposed Use:	
Permit Number:	B-RV08-0182
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MEADE CONSTRUCTION GROUP INC

TARGET PROPERTY FINDINGS

Date:	**5/21/2008**
Permit Type:	**CTI OFFICE PROF BLD**
Description:	**SPEC SPACE: Tenant improvements 5/19/2008 5/21/2008 CLUB BAHIA: Construction of a platform for seating area CLUB BAHIA: Construction of a platform for seating area 5/21/2008 UNION BANK: Controlled access unit and new exterior door UNION BANK: Controlled access unit and new exterior door 5/27/2008 7/22/2008 ONE WORKPLACE: Interior showroom modifications ONE WORKPLACE: Interior showroom modifications SPEC SPACE: Tenant improvements**
Permit Description:	
Work Class:	CTI-Off/Bank/Prof
Proposed Use:	
Permit Number:	B-BP08-0198
Status:	FINALED 5/21/2008, FINALED
Valuation:	$135,000.00
Contractor Company:	
Contractor Name:	MEADE CONSTRUCTION GROUP INC

TARGET PROPERTY FINDINGS

Date:	**5/21/2008**
Permit Type:	**CEL ELECTRICAL**
Description:	**SPEC SPACE: Electrical for tenant improvements 5/22/2008 SPEC SPACE: Electrical to Install demising wall to create n SPEC SPACE: Electrical to Install demising wall to create new tenant space 5/22/2008 SPEC SPACE: Electrical to Install demising wall to create n SPEC SPACE: Electrical to Install demising wall to create new tenant space 5/22/2008 LIFESCAN BLDG 3: Electrical for remove and replace 4 AC uni LIFESCAN BLDG 3: Electrical for remove and replace 4 AC units with new chilled water air handlers. See also permits #B-BP07-605, #B-BP07-607 & #B-ME07-0438. 5/22/2008 HEADWAY: Electrical for new roof top chemical exhaust fan HEADWAY: Electrical for new roof top chemical exhaust fan 5/23/2008 CLUB BAHIA: Electrical for the construction of a platform CLUB BAHIA: Electrical for the construction of a platform for seating area 5/23/2008 MISSION TECHNOLOGY: Installation of compressor and disconne MISSION TECHNOLOGY: Installation of compressor and disconnect box 5/23/2008 NGUYEN RESIDENCE: OUTLET FOR GARAGE DOOR OPENER NGUYEN RESIDENCE: OUTLET FOR GARAGE DOOR OPENER 5/23/2008 PATEL RESIDENCE: Electrical to add a 2nd story addition ove PATEL RESIDENCE: Electrical to add a 2nd story addition over existing garage 5/27/2008 KU DAY TA TEA LOUNGE: Electrical for tenant improvement KU DAY TA TEA LOUNGE: Electrical for tenant improvement 5/27/2008 CISCO BUILDING 23: Data room, two chillers, generator CISCO BUILDING 23: Remodel data room on second floor, install two new roof top chillers, install new generator 5/27/2008 LIFESCAN BLDG 2: Remove and replace 4 AC units LIFESCAN BLDG 2: Remove and replace 4 AC units with new chilled water air handlers. See also permits #B-BP07-606, #B-BP07-607 & #B-ME07-0438. 5/27/2008 LIFESCAN BLDG 4: Remove and replace 700 ton chiller LIFESCAN BLDG 4: Remove and replace 700 ton chiller with new cooling tower. See also permits #B-BP07-605, #B-BP07-606 & #B-ME07-0438. SPEC SPACE: Electrical for tenant improvements**
Permit Description:	
Work Class:	CEL-Electrical
Proposed Use:	
Permit Number:	B-EL08-0178
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MEADE CONSTRUCTION GROUP INC

TARGET PROPERTY FINDINGS

Date:	**1/10/2006**
Permit Type:	**B-BP**
Description:	**IP-UNITY: Installation of rooftop 10 ton a/c unit IP-UNITY: Installation of rooftop 10 ton a/c unit**
	No inspections recorded. Recycled., IP-UNITY: Installation of rooftop 10 ton a/c unit , IP-UNITY: Installation of rooftop 10 ton a/c unit
Permit Description:	**BUILDING**
Work Class:	CAA-Comm/IndustAdd, CAA-Comm/IndustAdd & Alter
Proposed Use:	CONV_BUILDING, CAA-Industrial/Manufacturing
Permit Number:	B-BP2006-9
Status:	EXPIRED
Valuation:	$25,000.00
Contractor Company:	
Contractor Name:	AIR COM MECHANICAL

Date:	**1/10/2006**
Permit Type:	**B-ME**
Description:	**IP-UNITY: Installation of rooftop 10 ton a/c unit IP-UNITY: Installation of rooftop 10 ton a/c unit, IP-UNITY: Installation of rooftop 10 ton a/c unit , IP-UNITY: Installation of rooftop 10 ton a/c unit**
Permit Description:	**MECHANICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-ME2006-10
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AIR COM MECHANICAL

TARGET PROPERTY FINDINGS

Date:	**8/28/2003**
Permit Type:	**B-BP**
Description:	**IP UNITY CORPORATION: Tenant improvement. IP UNITY CORPORATION: Tenant improvement., IP UNITY CORPORATION: Tenant improvement. , IP UNITY CORPORATION: Tenant improvement.**
Permit Description:	**BUILDING**
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING, CTI-Offices, Banks, Prof. Bldgs
Permit Number:	B-BP2003-215
Status:	Finaled
Valuation:	$35,000.00
Contractor Company:	
Contractor Name:	HALLMARK CONSTRUCTION

Date:	**8/28/2003**
Permit Type:	**B-EL**
Description:	**IP UNITY CORP.: Electrical for tenant improvement IP UNITY CORP.: Electrical for tenant improvement, IP UNITY CORP.: Electrical for tenant improvement , IP UNITY CORP.: Electrical for tenant improvement**
Permit Description:	**ELECTRICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-EL2003-463
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HALLMARK CONSTRUCTION

TARGET PROPERTY FINDINGS

Date:	**8/28/2003**
Permit Type:	**B-ME**
Description:	**IP UNITY CORP.: Mechanical for ducting work IP UNITY CORP.: Mechanical for ducting work, IP UNITY CORP.: Mechanical for ducting work , IP UNITY CORP.: Mechanical for ducting work**
Permit Description:	**MECHANICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-ME2003-293
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HALLMARK CONSTRUCTION

Date:	**1/27/2003**
Permit Type:	**B-OC**
Description:	**I P Unity Inc. : Occupancy Inspection , I P Unity Inc. : Occupancy Inspection**
Permit Description:	**OCCUPANCY**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-OC2003-20
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	I P Unity Inc.

Date:	**10/26/2000**
Permit Type:	**Commercial**
Description:	**MONUMENTS AND DIRECTIONAL SIGNS , MONUMENTS AND DIRECTIONAL SIGNS Miscellaneous Improvements , Miscellaneous Improvements MONUMENTS AND DIRECTIONAL SIGNS , Miscellaneous Improvements**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	81252BMIC
Status:	Expired
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	VON KOHORN & KITZMILLER

TARGET PROPERTY FINDINGS

Date:	**10/26/2000**
Permit Type:	**Commercial**
Description:	**NON ILLUMINATED CHANNEL LETTER SIGNS , NON ILLUMINATED CHANNEL LETTER SIGNS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	81462BSNC
Status:	Expired
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	VON KOHORN & KITZMILLER

Date:	**6/14/2000**
Permit Type:	**Commercial**
Description:	**MECHANICAL Add, MECHANICAL B Office or Professional Building, MECHANICAL Add**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	79719MGNC
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	EMPOWERTEL

TARGET PROPERTY FINDINGS

Date:	**6/14/2000**
Permit Type:	**Commercial**
Description:	**ADA UPGRADES TO BATHROOM AND NEW WATER HEATER Add ADA UPGRADES TO BATHROOM AND NEW WATER HEATER Add, ADA UPGRADES TO BATHROOM AND NEW WATER HEATER B Office or Professional Building, ADA UPGRADES TO BATHROOM AND NEW WATER HEATER Add**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	79719PGNC
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	EMPOWERTEL

Date:	**6/13/2000**
Permit Type:	**Commercial**
Description:	**ADD ELECTRICAL , ADD ELECTRICAL**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	79719EGNC
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	EMPOWERTEL

TARGET PROPERTY FINDINGS

Date:	**6/12/2000**
Permit Type:	**Commercial**
Description:	**DEMO & ADD NEW OFFICES & SHOWERS Add, DEMO & ADD NEW OFFICES & SHOWERS III-N Non-Combustible Exterior Walls Non-Rated Tenant Improvements B Office or Professional Building, Tenant Improvements DEMO & ADD NEW OFFICES & SHOWERS Add, Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	79719BTIC
Status:	Finaled
Valuation:	$200,000.00
Contractor Company:	
Contractor Name:	EMPOWERTEL

Date:	**4/28/2000**
Permit Type:	**Commercial**
Description:	**TEMPORARY BUILDING PERMIT Add, TEMPORARY BUILDING PERMIT III-N Non-Combustible Exterior Walls Non-Rated B Office or Professional Building, TEMPORARY BUILDING PERMIT Add**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	79719BTTC
Status:	Finaled
Valuation:	$200,000.00
Contractor Company:	
Contractor Name:	EMPOWERTEL

TARGET PROPERTY FINDINGS

Date: **3/22/2000**
Permit Type: **Commercial**
Description: **STOP WORK - DEMO WALLS & ELEC. , STOP WORK - DEMO WALLS & ELEC.**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 79645STPI
Status: Expired
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **8/24/1999**
Permit Type: **Commercial**
Description: **T/O & INSTALL BUILT UP SEPLAST #20/30 UL#R10630 1999 PG 328 CLASS B #3, T/O & INSTALL BUILT UP SEPLAST #20/30 , T/O & INSTALL BUILT UP SEPLAST #20/30 UL#R10630 1999 PG 328 CLASS B #3**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 78381BRFI
Status: Expired
Valuation: $56,320.00
Contractor Company:
Contractor Name: BIGHAM TAYLOR ROOFING, INC

Date: **6/16/1997**
Permit Type: **Commercial**
Description: **LOW PRESSURE DUCT , LOW PRESSURE DUCT**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 73018MGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR SYSTEMS ACQUISITION INC/db

TARGET PROPERTY FINDINGS

Date:	**6/5/1997**
Permit Type:	**Commercial**
Description:	**OUTLETS, SERVICE, EQUIPMENT , OUTLETS, SERVICE, EQUIPMENT**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	73018EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FRANK ELECTRIC

Date:	**5/27/1997**
Permit Type:	**Commercial**
Description:	**LAB ADDITION , LAB ADDITION Tenant Improvements , Tenant Improvements LAB ADDITION , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	73018BTII
Status:	
Valuation:	$25,000.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

Date:	**3/31/1997**
Permit Type:	**Commercial**
Description:	**OUTLETS/FIXTURES , OUTLETS/FIXTURES 3N B Office or Professional Building, OUTLETS/FIXTURES**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	72510EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

TARGET PROPERTY FINDINGS

Date:	**3/20/1997**
Permit Type:	**Commercial**
Description:	**DEMO WALLS IN WAREHOUSE , DEMO WALLS IN WAREHOUSE**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	72598DGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

Date:	**3/10/1997**
Permit Type:	**Commercial**
Description:	**OFFICE , OFFICE 3N Tenant Improvements B Office or Professional Building, Tenant Improvements OFFICE , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	72510BTII
Status:	
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

Date:	**11/20/1996**
Permit Type:	**Commercial**
Description:	**OUTLETS, SWITCHES , OUTLETS, SWITCHES**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	71929EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

TARGET PROPERTY FINDINGS

Date:	**11/20/1996**
Permit Type:	**Commercial**
Description:	**TWO OFFICES , TWO OFFICES Tenant Improvements , Tenant Improvements TWO OFFICES , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	71929BTII
Status:	
Valuation:	$6,000.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

Date:	**4/8/1996**
Permit Type:	**Commercial**
Description:	**VAV BOXES, AC UNIT, DUCTS , VAV BOXES, AC UNIT, DUCTS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	69572MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AIR SYSTEMS ACQUISITION INC/db

Date:	**4/8/1996**
Permit Type:	**Commercial**
Description:	**FIXTURES, WATER HEATER , FIXTURES, WATER HEATER**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	69572PGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AIR SYSTEMS ACQUISITION INC/db

TARGET PROPERTY FINDINGS

Date:	**4/5/1996**
Permit Type:	**Commercial**
Description:	**OUTLETS/FIXTURES/SERVICES/PWR APPAR , OUTLETS/FIXTURES/SERVICES/PWR APPAR**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	69572EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FRANK ELECTRIC

Date:	**12/29/1995**
Permit Type:	**Commercial**
Description:	**TI-NEW OFFICES/ELECT/MECH/PLUMB , TI-NEW OFFICES/ELECT/MECH/PLUMB Tenant Improvements , Tenant Improvements TI-NEW OFFICES/ELECT/MECH/PLUMB , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	69572BTII
Status:	
Valuation:	$1,400,000.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

TARGET PROPERTY FINDINGS

501 SYCAMORE DR

Date:	**12/12/2018**
Permit Type:	**COC OCCUPANCY**
Description:	**SPECTRA LAB: Administrative offices for a medical laboratory**
Permit Description:	
Work Class:	COC-OCCUPANCY
Proposed Use:	
Permit Number:	B-OC18-0215
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPECTRA LAB

Date:	**11/21/2018**
Permit Type:	**CAA OFFICE PROF BLD**
Description:	**SPECTRA LAB: Accessibility upgrades to interior staircases (**
Permit Description:	
Work Class:	CAA-OFF/BANK/PROF
Proposed Use:	
Permit Number:	B-BP18-0536
Status:	EXPIRED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	GREENBERG CONSTRUCTION CO

Date:	**10/19/2018**
Permit Type:	**CDM DEMOLITION**
Description:	**SPECTRA LAB: Remove 24lf paritioning wall in central confere**
Permit Description:	
Work Class:	CDM-INT NONSTR DEMO
Proposed Use:	
Permit Number:	B-DM18-0066
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	GREENBERG CONSTRUCTION CO

TARGET PROPERTY FINDINGS

Date:	**3/22/2018**
Permit Type:	**CDS DEFERRED SUBMITL**
Description:	**SPEC SPACE: Irrigation**
Permit Description:	
Work Class:	CDS-DEF SUBMITTAL
Proposed Use:	
Permit Number:	B-DF17-0116
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HMH

Date:	**1/4/2018**
Permit Type:	**CAA OFFICE PROF BLD**
Description:	**SPEC SPACE: Site Improvement which includes removal of 2 fou**
Permit Description:	
Work Class:	CAA-OFF/BANK/PROF
Proposed Use:	
Permit Number:	B-BP17-0404
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SOUTH BAY CONSTRUCTION INC

Date:	**9/1/2017**
Permit Type:	**CSI SITE IMPROVEMENT**
Description:	**SPEC SPACE: Site Improvement which includes removal of 2 fou**
Permit Description:	
Work Class:	CSI-SITE IMPROV
Proposed Use:	
Permit Number:	B-SI17-0016
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SOUTH BAY CONSTRUCTION INC

TARGET PROPERTY FINDINGS

Date:	**9/1/2017**
Permit Type:	**CPL PLUMBING**
Description:	**SPEC SPACE: Site Improvement which includes removal of 2 fou**
Permit Description:	
Work Class:	CPL-PLUMBING
Proposed Use:	
Permit Number:	B-PL17-0471
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SOUTH BAY CONSTRUCTION INC

Date:	**6/15/2017**
Permit Type:	**CSG SIGN**
Description:	**SPEC SPACE : New wall mounted sign for address . Non illumin**
Permit Description:	
Work Class:	CSG-WALL MOUNT SIGN
Proposed Use:	
Permit Number:	B-SG17-0053
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MISSION CITY SIGNS INC

Date:	**3/6/2017**
Permit Type:	**CTI OFFICE PROF BLD**
Description:	**SPEC SPACE: Interior tenant improvement of break room , lobb**
Permit Description:	
Work Class:	CTI-OFF/BANK/PROF
Proposed Use:	
Permit Number:	B-BP17-0055
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SOUTH BAY CONSTRUCTION INC

TARGET PROPERTY FINDINGS

Date:	**3/6/2017**
Permit Type:	**CEL ELECTRICAL**
Description:	**SPEC SPACE: Interior tenant improvement of break room , lobb**
Permit Description:	
Work Class:	CEL-ELECTRICAL
Proposed Use:	
Permit Number:	B-EL17-0108
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SOUTH BAY CONSTRUCTION INC

Date:	**3/6/2017**
Permit Type:	**CME MECHANICAL**
Description:	**SPEC SPACE: Interior tenant improvement of break room , lobb**
Permit Description:	
Work Class:	CME-MECHANICAL
Proposed Use:	
Permit Number:	B-ME17-0069
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SOUTH BAY CONSTRUCTION INC

Date:	**3/6/2017**
Permit Type:	**CPL PLUMBING**
Description:	**SPEC SPACE: Interior tenant improvement of break room , lobb**
Permit Description:	
Work Class:	CPL-PLUMBING
Proposed Use:	
Permit Number:	B-PL17-0119
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SOUTH BAY CONSTRUCTION INC

TARGET PROPERTY FINDINGS

Date: **9/27/2016**
Permit Type: **CRV REVISION**
Description: **SPECTRA LABORATORIES: Add electrical demo**

Permit Description:
Work Class: CRV-COM REV
Proposed Use:
Permit Number: B-RV16-0314
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: SOUTH BAY CONSTRUCTION INC

Date: **8/1/2016**
Permit Type: **CRV REVISION**
Description: **SPECTRA LABORATORIES: Reduced number of lavatories and moved**

Permit Description:
Work Class: CRV-COM REV
Proposed Use:
Permit Number: B-RV16-0243
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: SOUTH BAY CONSTRUCTION INC

Date: **6/22/2016**
Permit Type: **CEL ELECTRICAL**
Description: **SPECTRA LABORATORIES: Update restrooms with new finishes and**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL16-0341
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: SOUTH BAY CONSTRUCTION INC

TARGET PROPERTY FINDINGS

Date: **6/22/2016**
Permit Type: **CPL PLUMBING**
Description: **SPECTRA LABORATORIES: Update restrooms with new finishes and**

Permit Description:
Work Class: CPL-PLUMBING
Proposed Use:
Permit Number: B-PL16-0346
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: SOUTH BAY CONSTRUCTION INC

Date: **6/22/2016**
Permit Type: **CAA OFFICE PROF BLD**
Description: **SPECTRA LABORATORIES: Update restrooms with new finishes and**

Permit Description:
Work Class: CAA-OFF/BANK/PROF
Proposed Use:
Permit Number: B-BP16-0338
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: SOUTH BAY CONSTRUCTION INC

Date: **6/14/2016**
Permit Type: **CDM DEMOLITION**
Description: **SPECTRA LAB: Interior non-structural demo to prepare for ma**

Permit Description:
Work Class: CDM-INT NONSTR DEMO
Proposed Use:
Permit Number: B-DM16-0050
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: SOUTH BAY CONSTRUCTION INC

TARGET PROPERTY FINDINGS

Date:	**11/10/2014**
Permit Type:	**CRV REVISION**
Description:	**SPEC SPACE: Revision to T-bar ceiling detail as required by**
Permit Description:	
Work Class:	CRV-COM REV
Proposed Use:	
Permit Number:	B-RV14-0310
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MAS APPLIED CONSTRUCTION TECHNOLOGY INCO

Date:	**9/16/2014**
Permit Type:	**CDS DEFERRED SUBMITL**
Description:	**SPEC SPACE: Switchboard anchorage**
Permit Description:	
Work Class:	CDS-DEF SUBMITTAL
Proposed Use:	
Permit Number:	B-DF14-0145
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MAS APPLIED CONSTRUCTION TECHNOLOGY INCO

Date:	**8/20/2014**
Permit Type:	**CTI OFFICE PROF BLD**
Description:	**SPEC SPACE: Interior market ready improvement at first floor**
Permit Description:	
Work Class:	CTI-OFF/BANK/PROF
Proposed Use:	
Permit Number:	B-BP14-0296
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MAS APPLIED CONSTRUCTION TECHNOLOGY INCO

TARGET PROPERTY FINDINGS

Date:	**8/20/2014**
Permit Type:	**CEL ELECTRICAL**
Description:	**SPEC SPACE: Interior market ready improvement at first floor**
Permit Description:	
Work Class:	CEL-ELECTRICAL
Proposed Use:	
Permit Number:	B-EL14-0430
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MAS APPLIED CONSTRUCTION TECHNOLOGY INCO

Date:	**8/20/2014**
Permit Type:	**CPL PLUMBING**
Description:	**SPEC SPACE: Interior market ready improvement at first floor**
Permit Description:	
Work Class:	CPL-PLUMBING
Proposed Use:	
Permit Number:	B-PL14-0471
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MAS APPLIED CONSTRUCTION TECHNOLOGY INCO

Date:	**8/20/2014**
Permit Type:	**CME MECHANICAL**
Description:	**SPEC SPACE: Interior market ready improvement at first floor**
Permit Description:	
Work Class:	CME-MECHANICAL
Proposed Use:	
Permit Number:	B-ME14-0338
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MAS APPLIED CONSTRUCTION TECHNOLOGY INCO

TARGET PROPERTY FINDINGS

Date:	**6/18/2014**
Permit Type:	**CDM DEMOLITION**
Description:	**SPEC SPACE: Interior non-structural demolition to prepare f**
Permit Description:	
Work Class:	CDM-INT NONSTR DEMO
Proposed Use:	
Permit Number:	B-DM14-0039
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MAS APPLIED CONSTRUCTION TECHNOLOGY INCO

Date:	**3/19/2014**
Permit Type:	**CEL ELECTRICAL**
Description:	**SPEC SPACE: Remove boiler and relocate to roof and replace**
Permit Description:	
Work Class:	CEL-ELECTRICAL
Proposed Use:	
Permit Number:	B-EL14-0146
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	INNOVATIVE MAINTENANCE SOLUTIONS INC

Date:	**3/19/2014**
Permit Type:	**CME MECHANICAL**
Description:	**SPEC SPACE: Remove boiler and relocate to roof and replace**
Permit Description:	
Work Class:	CME-MECHANICAL
Proposed Use:	
Permit Number:	B-ME14-0104
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	INNOVATIVE MAINTENANCE SOLUTIONS INC

TARGET PROPERTY FINDINGS

Date:	**2/7/2014**
Permit Type:	**CDS DEFERRED SUBMITL**
Description:	**SPEC SPACE: Glass wall construction details**
Permit Description:	
Work Class:	CDS-DEF SUBMITTAL
Proposed Use:	
Permit Number:	B-DF14-0005
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VULCAN CONSTRUCTION INC

Date:	**12/23/2013**
Permit Type:	**CRV REVISION**
Description:	**SPEC SPACE: Revised use of rooms and occupancy Delta 1**
Permit Description:	
Work Class:	CRV-COM REV
Proposed Use:	
Permit Number:	B-RV13-0297
Status:	PENDING
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VULCAN CONSTRUCTION INC

Date:	**12/5/2013**
Permit Type:	**CEL ELECTRICAL**
Description:	**SPEC SPACE: Add partitions and doors to separate first from**
Permit Description:	
Work Class:	CEL-ELECTRICAL
Proposed Use:	
Permit Number:	B-EL13-0498
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VULCAN CONSTRUCTION INC

TARGET PROPERTY FINDINGS

Date: **12/5/2013**
Permit Type: **CAA OFFICE PROF BLD**
Description: **SPEC SPACE: Add partitions and doors to separate first from**

Permit Description:
Work Class: CAA-OFF/BANK/PROF
Proposed Use:
Permit Number: B-BP13-0554
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: VULCAN CONSTRUCTION INC

Date: **11/26/2013**
Permit Type: **CAC ADDRESS CHANGE**
Description: **SPEC SPACE: Add tenant address for furture tenants**

Permit Description:
Work Class: CAC-ADDRESS CHNG
Proposed Use:
Permit Number: B-AC13-0012
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: 475-525 SYCAMORE DRIVE -MILPITAS LLC

Date: **10/15/2013**
Permit Type: **CRV REVISION**
Description: **SPEC SPACE: Use existing curb under new HVAC unit in lieu o**

Permit Description:
Work Class: CRV-COM REV
Proposed Use:
Permit Number: B-RV13-0222
Status: PLAN CHECK
Valuation: $0.00
Contractor Company:
Contractor Name: INNOVATIVE MAINTENANCE SOLUTIONS INC

TARGET PROPERTY FINDINGS

Date: **3/15/2013**
Permit Type: **CAA WAREHOUSES**
Description: **SPEC SPACE: Remove boiler and relocate to roof and replace**

Permit Description:
Work Class: CAA-INDUST/MANUF
Proposed Use:
Permit Number: B-BP12-0539
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: INNOVATIVE MAINTENANCE SOLUTIONS INC

Date: **3/15/2013**
Permit Type: **CEL ELECTRICAL**
Description: **SPEC SPACE: Remove boiler and relocate to roof and replace**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL13-0109
Status: EXPIRED
Valuation: $0.00
Contractor Company:
Contractor Name: INNOVATIVE MAINTENANCE SOLUTIONS INC

Date: **3/15/2013**
Permit Type: **CME MECHANICAL**
Description: **SPEC SPACE: Remove boiler and relocate to roof and replace**

Permit Description:
Work Class: CME-MECHANICAL
Proposed Use:
Permit Number: B-ME13-0113
Status: EXPIRED
Valuation: $0.00
Contractor Company:
Contractor Name: INNOVATIVE MAINTENANCE SOLUTIONS INC

TARGET PROPERTY FINDINGS

Date:	**6/13/2012**
Permit Type:	**MRR RECORD RESEARCH**
Description:	**IMS Facility Maintenance Services: Records Research for 501**
Permit Description:	
Work Class:	MRR-RECORD RESRCH
Proposed Use:	
Permit Number:	B-RM12-0004
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	IMS Facility Maintenance Services

Date:	**8/14/2008**
Permit Type:	**CTI OFFICE PROF BLD**
Description:	**SPEC SPACE: Remodel lobby and entrance to lobby 5/14/2008 7/3/2008 CHIPOTLE RESTAURANT: Tenant improvement CHIPOTLE RESTAURANT: Tenant improvement 5/14/2008 LAU RESIDENCE: 1st and 2nd story addition (foyer and new mas LAU RESIDENCE: 1st and 2nd story addition (foyer and new master bedroom) 5/15/2008 6/3/2008 MASSAGE ENVY: Tenant improvement MASSAGE ENVY: Tenant improvement 5/15/2008 5/27/2008 NGO RESIDENCE: Single story addition at rear of the property NGO RESIDENCE: Single story addition at rear of the property (master bedroom with a full bathroom) 5/15/2008 7/24/2008 TRAN RESIDENCE: Single story addition, complete interior rem TRAN RESIDENCE: Single story addition, complete interior remodel and roof. 5/15/2008 SOLYNDRA: Tenant improvements in manufacturing and office a SOLYNDRA: Tenant improvements in manufacturing and office areas 5/19/2008 5/21/2008 SPEC SPACE: Tenant improvements SPEC SPACE: Tenant improvements 5/19/2008 5/21/2008 CLUB BAHIA: Construction of a platform for seating area CLUB BAHIA: Construction of a platform for seating area 5/21/2008 UNION BANK: Controlled access unit and new exterior door UNION BANK: Controlled access unit and new exterior door 5/27/2008 7/22/2008 ONE WORKPLACE: Interior showroom modifications ONE WORKPLACE: Interior showroom modifications SPEC SPACE: Remodel lobby and entrance to lobby**
Permit Description:	
Work Class:	CTI-Off/Bank/Prof
Proposed Use:	
Permit Number:	B-BP08-0188
Status:	FINALED 8/14/2008, FINALED
Valuation:	$250,000.00
Contractor Company:	
Contractor Name:	MEADE CONSTRUCTION GROUP INC

Date:	**6/2/2008**
Permit Type:	**CPL PLUMBING**
Description:	**SPEC SPACE: Plumbing to install sink in new break room area 6/3/2008 REPLACE 50 GALLON GAS WATER HEATER - SAME LOCATION = GARAGE WEB157 6/3/2008 MASSAGE ENVY: Tenant improvement MASSAGE ENVY: Tenant improvement 6/4/2008 KANKEL RESIDENCE: Replace water heater, copper re-pipe KANKEL RESIDENCE: Replace water heater, replace galv water piping with copper SPEC SPACE: Plumbing to install sink in new break room area**
Permit Description:	
Work Class:	CPL-Plumbing
Proposed Use:	
Permit Number:	B-PL08-0321
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MEADE CONSTRUCTION GROUP INC

Date:	**5/29/2008**
Permit Type:	**CAA OFFICE PROF BLD**
Description:	**SPEC SPACE: 1st floor: new wall & some new ceiling grid; 2nd floor: all new ceiling grid 5/6/2008 WAVE2WAVE SOLUTION CORP: Tenant improvement WAVE2WAVE SOLUTION CORP: Tenant improvement 5/7/2008 7/8/2008 LINEAR TECHNOLOGY: Install 3 machines LINEAR TECHNOLOGY: Install 3 machines (ASML tool, Endura tool & Novellus tool) 5/7/2008 5/8/2008 SPEC SPACE: Install demising wall to create new tenant spac SPEC SPACE: Install demising wall to create new tenant space 5/7/2008 5/8/2008 SPEC SPACE: Install demising wall to create new tenant spac SPEC SPACE: Install demising wall to create new tenant space 5/8/2008 6/26/2008 OPTOMA: Storage racks OPTOMA: Storage racks 5/8/2008 5/23/2008 CISCO: Installation of electronic test chambe CISCO: Installation of electronic test chamber inside chamber room 5/9/2008 LIM RESIDENCE: Replace damaged siding LIM RESIDENCE: Replace damaged siding 5/9/2008 BURRY RESIDENCE: Replace damaged siding BURRY RESIDENCE: Replace damaged siding 5/9/2008 LEE RESIDENCE: Replace damaged siding LEE RESIDENCE: Replace damaged siding 5/9/2008 PARLE RESIDENCE: Replace damaged siding PARLE RESIDENCE: Replace damaged siding 5/9/2008 MANDEL RESIDENCE: Replace damaged siding MANDEL RESIDENCE: Replace damaged siding SPEC SPACE: 1st floor: new wall & some new ceiling grid; 2nd floor: all new ceiling grid**
Permit Description:	
Work Class:	CAA-Off/Bank/Prof
Proposed Use:	
Permit Number:	B-BP08-0157
Status:	FINALED
Valuation:	$754,000.00
Contractor Company:	
Contractor Name:	MEADE CONSTRUCTION GROUP INC

TARGET PROPERTY FINDINGS

Date:	**5/29/2008**
Permit Type:	**CEL ELECTRICAL**
Description:	**SPEC SPACE: Install new ceiling light fixtures 5/29/2008 WAVE2WAVE SOLUTION CORP: Electrical for tenant improvement WAVE2WAVE SOLUTION CORP: Electrical for tenant improvement 5/30/2008 LION MARKET: Electrical for the replacement of (9) refriger LION MARKET: Electrical for the replacement of (9) refrigerated cases in meat department (same location) 5/30/2008 KB HOME: TEMPORARY POWER POLE KB HOME: TEMPORARY POWER POLE 6/3/2008 FAIRCHILD IMAGING: Tenant improvement inside existing clea FAIRCHILD IMAGING: Tenant improvement inside existing clean room 6/3/2008 FIGUEROA RESIDENCE: In ground spa FIGUEROA RESIDENCE: In ground spa 6/3/2008 MASSAGE ENVY: Tenant improvement MASSAGE ENVY: Tenant improvement 6/4/2008 SPRING VALLEY HEIGHTS HOA: Electrical for new water pump SPRING VALLEY HEIGHTS HOA: Electrical for new water pump 6/4/2008 SIKH FOUNDATION: Tenant improvement for new church SIKH FOUNDATION: Tenant improvement for new church 6/4/2008 INTERSIL: Tenant improvement INTERSIL: Tenant improvement SPEC SPACE: Install new ceiling light fixtures**
Permit Description:	
Work Class:	CEL-Electrical
Proposed Use:	
Permit Number:	B-EL08-0196
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MEADE CONSTRUCTION GROUP INC

TARGET PROPERTY FINDINGS

Date:	**4/21/2008**
Permit Type:	**CDM DEMOLITION**
Description:	**SPEC SPACE: Interior & storefront demolition, no structural work (Cafeteria and Lobby area) 5/5/2008 WONG RESIDENCE: Remove existing bathroom and laundry room WONG RESIDENCE: Remove existing bathroom and laundry room in garage built without benefit of a permit 5/5/2008 JOLLIBEE/RED RIBBON RESTAURANTS: Non-structural interior dem JOLLIBEE/RED RIBBON RESTAURANTS: Non-structural interior demo 5/5/2008 5/5/2008 LOVING HUT: Non-structural interior demo LOVING HUT: Non-structural interior demo 5/5/2008 5/6/2008 SOLYNDRA: Interior non-structural demolition SOLYNDRA: Interior non-structural demolition 5/7/2008 NGO RESIDENCE: Remove patio cover on side of residence NGO RESIDENCE: Remove patio cover on side of residence built without benefit of a permit 5/8/2008 Pool Removal WEB145 5/15/2008 MAI RESIDENCE: Remove patio enclosure and two rooms inside MAI RESIDENCE: Remove patio enclosure and two rooms inside garage 5/16/2008 VU RESIDENCE: Remove patio enclosure VU RESIDENCE: Remove patio enclosure 6/4/2008 JUAREZ RESIDENCE: Remove sewer to camper installed without SPEC SPACE: Interior & storefront demolition, no structural work (Cafeteria and Lobby area)**
Permit Description:	
Work Class:	CDM-Int NonStr Demo
Proposed Use:	
Permit Number:	B-DM08-0025
Status:	FINALED 4/21/2008, FINALED
Valuation:	$45,000.00
Contractor Company:	
Contractor Name:	MEADE CONSTRUCTION GROUP INC

TARGET PROPERTY FINDINGS

Date:	**8/17/2007**
Permit Type:	**B-RM**
Description:	**RECORDS RESEARCH RECORDS RESEARCH**
	PARCEL#'S **086-03-074** **086-03-033** **086-39-003** **086-03-050** **086-03-057** **086-03-073** **086-03-049** **086-03-094**
Permit Description:	**RESEARCH/MISC**
Work Class:	MRR-Record Resrch
Proposed Use:	MRR RECORD RESEARCH
Permit Number:	B-RM07-0018
Status:	PLAN CHECK
Valuation:	$0.00
Contractor Company:	
Contractor Name:	THE PLANNING & ZONING RESOURCES CORP

Date:	**12/12/2006**
Permit Type:	**B-EL**
Description:	**Reroute and extend existing 100 AMP feeder (to existing pane Reroute and extend existing 100 AMP feeder (to existing panel-2LA) to new 100 AMP meter/main, Issued Permit 1st Submittal, Filed Plans , Reroute and extend existing 100 AMP feeder (to exi**
Permit Description:	**ELECTRICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-EL2006-718
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

TARGET PROPERTY FINDINGS

Date:	**12/6/2001**
Permit Type:	**B-BP**
Description:	**Quantum: installation of (1) 30' flag pole and (2) 25' fla Quantum: installation of (1) 30' flag pole and (2) 25' flag poles, Quantum: installation of (1) 30' flag pole and (2) 25' flag poles , Quantum: installation of (1) 30' flag pole and (2)**
Permit Description:	**BUILDING**
Work Class:	CAA-Comm/IndustAdd,CAA-Comm/IndustAdd&Alter
Proposed Use:	CONV_BUILDING
Permit Number:	B-BP2001-226
Status:	Finaled
Valuation:	$4,800.00
Contractor Company:	
Contractor Name:	ANDERSON'S SIGN & LIGHTING

Date:	**6/6/2001**
Permit Type:	**Commercial**
Description:	**EXTERIOR ILLUMINATED WALL MOUNTER SIGN , EXTERIOR ILLUMINATED WALL MOUNTER SIGN**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	82898BSNC
Status:	Issued
Valuation:	$3,900.00
Contractor Company:	
Contractor Name:	Spectrum Signs

TARGET PROPERTY FINDINGS

Date:	**5/1/2001**
Permit Type:	**Commercial**
Description:	**NEW REPLACEMENT LIGHTING/REPAIR SUSPENDED CLG GRID, CLG TILE NEW REPLACEMENT LIGHTING/REPAIR SUSPENDED CLG GRID, CLG TILES, ONE NEW PARTITION, RELOCATE OFFICE DOOR Rep, NEW REPLACEMENT LIGHTING/REPAIR SUSPENDED CLG GRID, CLG TILES, ONE NEW PARTITION, RELOCATE OFFICE DOOR Tenant Improvements , Tenant Improvements NEW REPLACEMENT LIGHTING/REPAIR SUSPENDED CLG GRID Rep, Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	82643BTIC
Status:	Finaled
Valuation:	$90,000.00
Contractor Company:	
Contractor Name:	ADVANCE CONSTRUCTION SERVICES,

Date:	**5/1/2001**
Permit Type:	**Commercial**
Description:	**ELECTRICAL FOR TI , ELECTRICAL FOR TI**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	82643EGNC
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	QUANTUM

TARGET PROPERTY FINDINGS

Date:	**5/1/2001**
Permit Type:	**Commercial**
Description:	**MECHANICAL FOR T.I. INSTALL (2) NEW VAV BOXES AND REROUTE (2 MECHANICAL FOR T.I. INSTALL (2) NEW VAV BOXES AND REROUTE (2) EXISTING VAV BOXES, MECHANICAL FOR T.I. INSTALL (2) NEW VAV BOXES AND REROUTE (2) EXISTING VAV BOXES , MECHANICAL FOR T.I. INSTALL (2) NEW VAV BOXES AND**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	82643MGNC
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	QUANTUM

Date:	**5/1/2001**
Permit Type:	**Commercial**
Description:	**PLUMBING FOR T.I. CHANGE OUT (13) LAVATORIES PLUMBING FOR T.I. CHANGE OUT (13) LAVATORIES, PLUMBING FOR T.I. CHANGE OUT (13) LAVATORIES , PLUMBING FOR T.I. CHANGE OUT (13) LAVATORIES**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	82643PGNC
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	QUANTUM

TARGET PROPERTY FINDINGS

Date:	**6/10/1999**
Permit Type:	**Commercial**
Description:	**CONVERT OFFICES, CONF ROOMS TO LAB , CONVERT OFFICES, CONF ROOMS TO LAB 5N Tenant Improvements B Office or Professional Building, Tenant Improvements CONVERT OFFICES, CONF ROOMS TO LAB , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	77866BTII
Status:	
Valuation:	$50,000.00
Contractor Company:	
Contractor Name:	PACIFIC WEST INTERIORS

Date:	**6/10/1999**
Permit Type:	**Commercial**
Description:	**OUTLETS, PANEL, EQUIP , OUTLETS, PANEL, EQUIP 5N B Office or Professional Building, OUTLETS, PANEL, EQUIP**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	77866EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**6/10/1999**
Permit Type:	**Commercial**
Description:	**HAVE REDUCT , HAVE REDUCT 5N B Office or Professional Building, HAVE REDUCT**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	77866MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CAL-AIR INC

TARGET PROPERTY FINDINGS

Date:	**6/2/1999**
Permit Type:	**Commercial**
Description:	**DEMO FIRE CORRIDOR WALL, PHASE 1A , DEMO FIRE CORRIDOR WALL, PHASE 1A**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	77833DGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	PACIFIC WEST INTERIORS

Date:	**7/18/1997**
Permit Type:	**Commercial**
Description:	**A/C UNIT/HUMIDIFIER , A/C UNIT/HUMIDIFIER**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	73286MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AIR SYSTEMS ACQUISITION INC/db

Date:	**7/8/1997**
Permit Type:	**Commercial**
Description:	**OUTLETS/FIXT/SERVICES/PWR APPAR , OUTLETS/FIXT/SERVICES/PWR APPAR**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	73286EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FRANK ELECTRIC

TARGET PROPERTY FINDINGS

Date:	**7/3/1997**
Permit Type:	**Commercial**
Description:	**CEILING, FLOOR FOR I S LAB , CEILING, FLOOR FOR I S LAB Tenant Improvements , Tenant Improvements CEILING, FLOOR FOR I S LAB , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	73286BTII
Status:	
Valuation:	$35,000.00
Contractor Company:	
Contractor Name:	DPR CONSTRUCTION, INC

Date:	**6/27/1997**
Permit Type:	**Commercial**
Description:	**DEMO CARPET, DOOR, CEILINGS PREP FOR TI, DEMO CARPET, DOOR, CEILINGS , DEMO CARPET, DOOR, CEILINGS PREP FOR TI**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	73251DGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DPR CONSTRUCTION, INC

TARGET PROPERTY FINDINGS

Date:	**5/29/1997**
Permit Type:	**Commercial**
Description:	**SEISMIC BRACING FOR EQUIPMENT , SEISMIC BRACING FOR EQUIPMENT Tenant Improvements , Tenant Improvements SEISMIC BRACING FOR EQUIPMENT , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	73039BTII
Status:	
Valuation:	$25,000.00
Contractor Company:	
Contractor Name:	FRANK ELECTRIC

Date:	**5/15/1997**
Permit Type:	**Commercial**
Description:	**CONDENSATE DRAIN, REROUTE WATER SYSTEM , CONDENSATE DRAIN, REROUTE WATER SYSTEM**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	72941PGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AIR SYSTEMS ACQUISITION INC/db

Date:	**5/15/1997**
Permit Type:	**Commercial**
Description:	**2 - 10-TON AC/2 FAN COILS , 2 - 10-TON AC/2 FAN COILS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	72941MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AIR SYSTEMS ACQUISITION INC/db

TARGET PROPERTY FINDINGS

Date: **5/13/1997**
Permit Type: **Commercial**
Description: **OUTLETS/SERVICES/PWR APPAR , OUTLETS/SERVICES/PWR APPAR**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 72941EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: FRANK ELECTRIC

Date: **5/13/1997**
Permit Type: **Commercial**
Description: **TI-NEW TELECOM ROOM , TI-NEW TELECOM ROOM Tenant Improvements , Tenant Improvements TI-NEW TELECOM ROOM , Tenant Improvements**

Permit Description:
Work Class: CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use: CONV_BUILDING
Permit Number: 72941BTII
Status:
Valuation: $400,000.00
Contractor Company:
Contractor Name: DPR CONSTRUCTION, INC

Date: **4/15/1997**
Permit Type: **Commercial**
Description: **DEMO DEMOUNTABLE PARTITIONS, CEILING GRID, OVERHEAD UTILITIES, DEMO DEMOUNTABLE PARTITIONS, CEILING , DEMO DEMOUNTABLE PARTITIONS, CEILING GRID, OVERHEAD UTILITIES**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 72770DGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DPR CONSTRUCTION, INC

TARGET PROPERTY FINDINGS

525 SYCAMORE DR

Date:	**2/11/2016**
Permit Type:	**CEL ELECTRICAL**
Description:	**SPECTRA LABS: Redistributing existing emergency power and ad**
Permit Description:	
Work Class:	CEL-ELECTRICAL
Proposed Use:	
Permit Number:	B-EL16-0039
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SUPERIOR ELECTRIC INC

Date:	**12/23/2015**
Permit Type:	**ENCROACHMENT**
Description:	**1st locate utilities, Directional bore, place new manhole**
Permit Description:	
Work Class:	PRIVATE IMPROVEMENT
Proposed Use:	
Permit Number:	E-EN15-0159
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	Quattuor Construction

Date:	**2/19/2015**
Permit Type:	**CAA RESRCH DVLPMNT**
Description:	**SPECTRA LAB: Relocating Freezer unit and elctrical work rela**
Permit Description:	
Work Class:	CODE ENFR
Proposed Use:	
Permit Number:	B-BP15-0057
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	TOENISKOETTER CONSTRUCTION INC

TARGET PROPERTY FINDINGS

Date:	**2/19/2015**
Permit Type:	**CEL ELECTRICAL**
Description:	**SPECTRA LAB: Relocating Freezer unit and elctrical work rela**
Permit Description:	
Work Class:	CEL-ELECTRICAL
Proposed Use:	
Permit Number:	B-EL15-0068
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	TOENISKOETTER CONSTRUCTION INC

Date:	**1/27/2015**
Permit Type:	**MES ESTIMATE**
Description:	**SPECTRA LAB: Relocating Freezer unit and elctrical work rela**
Permit Description:	
Work Class:	MES-ESTIMATE
Proposed Use:	
Permit Number:	B-ES15-0011
Status:	PENDING
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION INC

Date:	**6/9/2014**
Permit Type:	**CNC NON COMPLIANCE**
Description:	**SPECTRA: Cooler relocated and installed without permits per**
Permit Description:	
Work Class:	CNC NON COMPLIANCE
Proposed Use:	
Permit Number:	B-NC14-0040
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	475-525 SYCAMORE DRIVE MILPITAS LLC

TARGET PROPERTY FINDINGS

Date:	**11/12/2008**
Permit Type:	**CAA RESRCH DVLPMNT**
Description:	**SPECTRA LABS: Change of occupant load factor at room 244. 11/12/2008 PARTOWN PLAZA: installation of decorative water fountain PARTOWN PLAZA: installation of decorative water fountain Continuation of expired permit #B-BP07-0545 11/12/2008 LIFESCAN: Insulation for mansard. ~15000 sqft LIFESCAN: Insulation for mansard. ~15000 sqft 11/13/2008 11/24/2008 SOLYNDRA: Install GBC tool and KR-100 robot with concrete fo SOLYNDRA: Install GBC tool and KR-100 robot with concrete footing (robot only) includes anchorage and associated piping and electrical hookups. 11/13/2008 PARK VICTORIA BAPTIST CHURCH: Install sump pump for the elev FPA DRYCREEK ASSOCIATES: Refacing balcony patio railing 11/13/2008 VALLEY EXCHANGE: New redundant chiller inside building: One VALLEY EXCHANGE: New redundant chiller inside building: One cooled chiller, one condensor water pump, one chilled water pumps, and connect all to existing piping to serve as backup system. 11/13/2008 CISCO SYSTEMS: Recycle / trach enclosure ~250sqft. CISCO SYSTEMS: Recycle / trach enclosure ~250sqft. 11/13/2008 CISCO SYSTEMS: Recycle / trach enclosure ~250sqft. CISCO SYSTEMS: Recycle / trach enclosure ~250sqft. SPECTRA LABS: Change of occupant load factor at room 244.**
Permit Description:	
Work Class:	CAA-Research/Dev
Proposed Use:	
Permit Number:	B-BP08-0440
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	REEL GROBMAN AND ASSOC

Date:	**8/4/2008**
Permit Type:	**CSG SIGN**
Description:	**SPECTRA LABORATORY: Install new sign over existing foundation. No change to landscaping. 8/4/2008 FROZO'S: Wall mounted sign with electrical FROZO'S: Wall mounted sign with electrical SPECTRA LABORATORY: Install new sign over existing foundation. No change to landscaping.**
Permit Description:	
Work Class:	CSG-Monument Sign
Proposed Use:	
Permit Number:	B-SG08-0051
Status:	FINALED 8/4/2008, FINALED
Valuation:	$20,000.00
Contractor Company:	
Contractor Name:	B L R ENGRAVERS & SIGN CO

TARGET PROPERTY FINDINGS

Date:	**10/31/2007**
Permit Type:	**B-BP**
Description:	**SPECTRA LABS: Install two exterior above ground tanks SPECTRA LABS: Install two exterior above ground tanks for aragon & nitrogen gas, P-Planning, B-Architectural, B-Prjct Coordinator, S.I. Agreement Forms req'd B-Structural, E-Land Development, See Attachment F-Hazmat, No life safety review req'd F-Life Safety, Filed Plans , Approved Plans , Routed Plans 1st Submittal, Picked Up Plans 1st Submittal, Took In Plans 1st submittal, Processed Plans 1st submittal, Routed Plans 1st submital** **(GK) To fire, engineering & planning, Sent For Imaging MILP0808**
Permit Description:	**BUILDING**
Work Class:	CAA-Ind/Man NonHaz
Proposed Use:	CAA MNUFACTR NO HAZ
Permit Number:	B-BP07-0419
Status:	FINALED
Valuation:	$10,060.00
Contractor Company:	
Contractor Name:	SPECTRA LABORATORIES

TARGET PROPERTY FINDINGS

Date:	**10/17/2007**
Permit Type:	**B-DF**
Description:	**SPECTRA LABS: Equipment anchorage details SPECTRA LABS: Equipment anchorage details, ARCHITECTURAL COMMENTS** **Evon Ballash, P.E., Plan Check Engineer, phone: 408-586-3247, e-mail: eballash@ci.milpitas.ca.gov** **1. Sheet A-2 Lab Plan shows the following pieces of equipment # 24, 26, 53, 54 & 55 that are missing from the equipment schedule table on sheet S1. Please revise the equipment schedule to include these items.** **See Notes B-Architectural, B-Architectural, B-Prjct Coordinator, B-Structural, See Fire Dept. Attachment F-Life Safety, Issued Permit 2nd submittal, Picked Up Plans 1st sumittal, Routed Plans 1st sumittal, Took In Plans 1st submittal, Processed Plans 1st submittal, Routed Plans 1st submittal** **(GK) To fire, Filed Plans , Called Applicant 2nd submittal** **(GK) Talked to John, told him ready to pick up as soon as he returns special inspection forms., Routed Plans 2nd Submittal, Picked Up Plans 2nd Submittal, Took In Plans 2nd submittal, Processed Plans 2nd submittal, Called Applicant 1st Submittal-Talked to John to pick up red lines, special inspection form at counter.**
Permit Description:	**DEFERRED SUBMITTAL**
Work Class:	CDS-Def Submittal
Proposed Use:	CDS DEFERRED SUBMITL
Permit Number:	B-DF07-0017
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	Nima Gujar

TARGET PROPERTY FINDINGS

Date: **10/12/2007**
Permit Type: **B-BP**
Description: **SPECTRA LABS: Installation of (6) cooler boxes SPECTRA LABS: Installation of (6) cooler boxes**

09/18/07 this project was being reviewed over the counter but plan checkers decided to take it in. mg
07/13/07 I started this process closer to my lunch and when I came back he has taken plans and applications. mg
, B-Structural, P-Planning, B-Architectural, Gerardo Amador, Architect, Plan Checker, phone: 408-586-3242, e-mail: gamador@ci.milpitas.ca.gov

Architectural
1. Walk-in coolers must be accessible. Provide conforming accessible ramps and accessible entrance at cooler

End of 2nd submittal comments
See Notes B-Architectural, 10/2/07 - Provide calculations of the seismic anchorage for the cooler box. Kwik bolt II is not valid anymore. Kwik bolt 3 may be used.
See notes B-Structural, B-Prjct Coordinator, Gerardo Amador, Architect, Plan Checker, phone: 408-586-3242, e-mail: gamador@ci.milpitas.ca.gov

Plumbing
1. Indicate cooler condensate lines and line sizes. Show location of points of discharge and floor sinks.
2. At roof, indicate condenser condensate lines, sizes, and point of connection to sewer.

End of 2nd submittal comments
See Notes B-Plumbing, F-Life Safety, B-Electrical, Gerardo Amador, Architect, Plan Checker, phone: 408-586-3242, e-mail: gamador@ci.milpitas.ca.gov

Electrical
1. Provide electrical for condensing units on roof. Verify a 120-V service receptacle within 25' from the equipment, CMC 309.0.

End of 2nd submittal comments
Se notes B-Electrical, B-Mechanical, B-Plumbing, See plumbing notes See noptes B-Mechanical, Picked Up Plans , Routed Plans (CI) PLANS ON SHELF C-13, FOLDER IN DRAWER, Processed Plans 2nd submittal, Took In Plans 2nd submittal, Processed Plans , Sent For Imaging , Filed Plans , Issued Permit 3rd submittal, Called Applicant 2nd submittal: E-mailed comments to Martin of West Coast Builders.

TARGET PROPERTY FINDINGS

Permit Description:	**BUILDING**
Work Class:	CAA-Off/Bank/Prof
Proposed Use:	CAA OFFICE PROF BLD
Permit Number:	B-BP07-0273
Status:	FINALED
Valuation:	$212,730.00
Contractor Company:	
Contractor Name:	WEST COAST COMMERCIAL

Date:	**8/16/2007**
Permit Type:	**B-EL**
Description:	**SPECTRA LABS: Tenant Improvement SPECTRA LABS: Tenant Improvement**
Permit Description:	**ELECTRICAL**
Work Class:	CEL-Electrical
Proposed Use:	CEL ELECTRICAL
Permit Number:	B-EL07-0368
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	Nima Gujar

Date:	**8/16/2007**
Permit Type:	**B-ME**
Description:	**SPECTRA LABS: Tenant Improvement SPECTRA LABS: Tenant Improvement**
Permit Description:	**MECHANICAL**
Work Class:	CME-Mechanical
Proposed Use:	CME MECHANICAL
Permit Number:	B-ME07-0279
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	Nima Gujar

TARGET PROPERTY FINDINGS

Date:	**8/16/2007**
Permit Type:	**B-PL**
Description:	**SPECTRA LABS: Tenant Improvement SPECTRA LABS: Tenant Improvement**
Permit Description:	**PLUMBING**
Work Class:	CPL-Plumbing
Proposed Use:	CPL PLUMBING
Permit Number:	B-PL07-0345
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	Nima Gujar

Date:	**8/7/2007**
Permit Type:	**B-RV**
Description:	**SPECTRA LABS: Structural foundation for back-up generator SPECTRA LABS: Structural foundation for back-up generator, P-Planning, 1. Provide a site plan showing the location of the (N) generator.**
	See Notes B-Architectural, B-Architectural, B-Prjct Coordinator, E-Land Development, 1. Provide single-line diagram for the connection of the (N) generator. See Notes B-Electrical, 7/13/07 - Need site plan to identify the location of the equipment.
	See notes B-Structural, B-Structural, See Fire Attachment F-Hazmat, Routed Plans (LC) 2nd Submittal, VOIDED (LC 7/23/2007), Routed Plans 2nd submittal
	(GK) To fire, Processed Plans 2nd submittal, Took In Plans 2nd submittal, Issued Permit 1st submittal, Called Applicant 2nd submittal, Approved Plans 2nd submittal, Picked Up Plans (LC) 2nd Submittal, Filed Plans
Permit Description:	**REVISION**
Work Class:	CRV-Com Rev
Proposed Use:	CRV REVISION
Permit Number:	B-RV07-0111
Status:	FINALED
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	HILLHOUSE CONSTRUCTION CO

TARGET PROPERTY FINDINGS

Date: **7/23/2007**
Permit Type: **B-BP**
Description:

SPECTRA LABS: Tenant Improvement SPECTRA LABS: Tenant Improvement, PLUMBING COMMENTS:
1. Provide condensate disposal for the (N) rooftop A/C units shown on sheet M-3 as required by CMC 815.0.

2. On sheet P-3 Enlarged Floor Plans, for detail provide a seismic bracing detail for the (N) Electric Water Heater, EHW shown in the Janitor's room.
See Notes B-Plumbing, <<EB:707030821000039>> See notes B-Architectural, MPE COMMENTS

Evon Ballash, P.E., Plan Check Engineer, phone: 408-586-3247, e-mail: eballash@ci.milpitas.ca.gov

MECHNICAL COMMENTS:
1. On sheet M-2 Mechanical Floor Plan, provide a note to plans that the steel ducts penetrating the rated one-hour corridors and does not have openings into the corridor shall not less than 26 gauge or 0.019-inch thickness. (CBC 713.10.1 item 2 exception)

2. On sheet M-2 Mechanical Floor Plan, in the rated one-hour Reception Room 101 (near grid F9) and Waiting Area room 246 (near grids B5, B6), clarify the if the ventilation ducts serving these areas travel through a one-hour tunnel construction pertain to detail 1/D-2 or 2/D-2. If detail 1/D-2 is used and the ducts pass through a full-height rated wall and a rated ceiling construction, then the fire-smoke damper is required at the ceiling penetration. (CBC 713.10.1, 713.11)

See Notes B-Mechanical, 2 sets of plans in Lori's cubicle, G-16 too full 2 sets of plans in Lori's cub B-Prjct Coordinator, See Attachments for Condition E-Land Development, See Attachment F-Life Safety, P-Planning, STRUCTURAL COMMENTS

Oliver Chan, S.E., Plan Check Engineer, phone: 408-586-3263, e-mail: ochan@ci.milpitas.ca.gov

Drawings & Calculations

a. Incorporate the required attachment design details between the unit and the sleeper on calculations page 10 on drawing, detail D/S2.
b. Detail C/S2: The HU412 hanger for the new 4X12 is attached to 3X6 block. The 3X6 block may not accommodate the required 10-16d for the hanger. Only a portion of the required nails may be attached to the 3X6. Check the adequacy of the hanger due to reduced attachment. Also check the capacity of the lag screws between the 3X6 block and the existing 6X purlin.
Should you have any question or wish to discuss the above comments please contact the plan check engineer directly or make an appointment to meet with the plan check engineer.
End of first review comments

See notes B-Structural, Utilities - W/S Ques, need chemical inventory, info on processes and chem hood onfo See notes F-Hazmat, Approved with the following minor redline corrections:

1. On Cover Sheet, Sheet E-2.3 has been added to the Index.

2. On Detail 13/D-2, the following note will be added: Hilti KBII anchor bolts have been obsoleted and replaced with Hilti TZ bolts.

2. On Detail 20/D-3, the hanging wire support reference has been corrected to Detail 8. See Notes B-Architectural, 1. On Detail 4/P-3, add note to verify in the field (V.I.F.) if the Instant Hot Wa

TARGET PROPERTY FINDINGS

Permit Description:	**BUILDING**
Work Class:	C50-Off/Bnk/Prof Bld
Proposed Use:	C50 COM OVER 50K
Permit Number:	B-BP07-0086
Status:	FINALED
Valuation:	$4,000,000.00
Contractor Company:	
Contractor Name:	Nima Gujar

Date:	**6/27/2007**
Permit Type:	**B-BP**
Description:	**SPECTRA LABS: Install storage racks SPECTRA LABS: Install storage racks, B-Structural, F-Life Safety, B-Architectural, Filed Plans , Issued Permit , Sent For Imaging**
Permit Description:	**BUILDING**
Work Class:	CAA-Research/Dev
Proposed Use:	CAA RESRCH DVLPMNT
Permit Number:	B-BP07-0245
Status:	FINALED
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	SPECTRA LABORATORIES

Date:	**5/15/2007**
Permit Type:	**B-RV**
Description:	**withdrawn withdrawn**
Permit Description:	**REVISION**
Work Class:	CRV-Com Rev
Proposed Use:	CRV REVISION
Permit Number:	B-RV07-0072
Status:	WITHDRAWN
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HILLHOUSE CONSTRUCTION CO

TARGET PROPERTY FINDINGS

Date:	**4/19/2007**
Permit Type:	**B-TP**
Description:	**SPECTRA LABS: Tenant Improvement SPECTRA LABS: Tenant Improvement**
Permit Description:	**TEMPORARY**
Work Class:	CTP-Temporary
Proposed Use:	CTP TEMPORARY
Permit Number:	B-TP07-0006
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HILLHOUSE CONSTRUCTION CO

Date:	**2/23/2007**
Permit Type:	**B-DM**
Description:	**SPECTRA LABORATORIES: Demo interiors of approx 94000 sf og SPECTRA LABORATORIES: Demo interiors of approx 94000 sf og unoccupied space and duration of demo 5 weeks, Filed Plans , SPECTRA LABORATORIES: Demo interiors of approx 94**
Permit Description:	**DEMOLITION**
Work Class:	DEM-Demolition
Proposed Use:	CONV_BUILDING, DEM-Interior Non-Structural Demo
Permit Number:	B-DM2007-13
Status:	FINALED
Valuation:	$90,000.00
Contractor Company:	
Contractor Name:	HILLHOUSE CONSTRUCTION CO

TARGET PROPERTY FINDINGS

Date:	**12/18/2003**
Permit Type:	**B-RV**
Description:	**I STAR FINANCIAL: Alternate Method of Material I STAR FINANCIAL: Alternate Method of Material, I STAR FINANCIAL: Alternate Method of Material , I STAR FINANCIAL: Alternate Method of Material**
Permit Description:	**REVISION**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-RV2003-236
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HILLHOUSE CONSTRUCTION CO

Date:	**11/21/2003**
Permit Type:	**B-BP**
Description:	**FSTAR REAL ESTATE: Tenant Improvement , Leon Sheyman, P.E., Plan Check Engineer, phone: 408-586-3245, e-mail: lsheyman@ci.milpitas.ca.gov** **1. Vicinity map does not correspond to building location.** **2. Number of required plumbing fixtures shall be based on CPC Table 4 adopted by the City of Mi See Notes Building - Architect, Leon Sheyman, P.E., Plan Check Engineer, phone: 408-586-3245, e-mail: lsheyman@ci.milpitas.ca.gov** **1. Provide fire/smoke damper at duct penetration through a rated wall between new conference room and lobby as per sec.713.10 and 713.11.** **2. On mechanica See Notes Building - MPE, Approved with Conditions: Fire - Life Safety, Leon Sheyman, P.E., Plan Check Engineer, phone: 408-586-3245, e-mail: lsheyman@ci.milpitas.ca.gov** **The following comments in quotes "---" are previous comments, which are not completely or only partially responded to:** **1. "Roof/ceiling in the new rate See Notes Building - Architect, Approved Building - MPE, FSTAR REAL ESTATE: Tenant Improvement**
Permit Description:	**BUILDING**
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING, CTI-Offices, Banks, Prof. Bldgs
Permit Number:	B-BP2003-731
Status:	Finaled
Valuation:	$400,000.00
Contractor Company:	
Contractor Name:	HILLHOUSE CONSTRUCTION CO

TARGET PROPERTY FINDINGS

Date:	**11/21/2003**
Permit Type:	**B-ME**
Description:	**I STAR FINANCIAL; mech. for tenant improvement I STAR FINANCIAL; mech. for tenant improvement, I STAR FINANCIAL; mech. for tenant improvement , I STAR FINANCIAL; mech. for tenant improvement**
Permit Description:	**MECHANICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-ME2003-386
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HILLHOUSE CONSTRUCTION CO

Date:	**11/21/2003**
Permit Type:	**B-EL**
Description:	**I STAR FINANCIAL; elec. for tenant improvement I STAR FINANCIAL; elec. for tenant improvement, I STAR FINANCIAL; elec. for tenant improvement , I STAR FINANCIAL; elec. for tenant improvement**
Permit Description:	**ELECTRICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-EL2003-601
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HILLHOUSE CONSTRUCTION CO

TARGET PROPERTY FINDINGS

Date:	**9/12/2003**
Permit Type:	**B-DM**
Description:	**VACANT BUILDING: No tenant demo non-structural walls under g VACANT BUILDING: No tenant demo non-structural walls under grid MTL-STD Drywall. OK per Keyvan**
	Closed, no inspectons sent to image 1/31/08, Sent For Imaging , VACANT BUILDING: No tenant demo non-structural walls under grid MTL-STD Drywall. , VACANT BUILDING: No tenant demo non-structural wal
Permit Description:	**DEMOLITION**
Work Class:	DEM-Demolition
Proposed Use:	CONV_BUILDING, DEM-Interior Non-Structural Demo
Permit Number:	B-DM2003-80
Status:	CLOSED
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	HILLHOUSE CONSTRUCTION CO

Date:	**9/6/2000**
Permit Type:	**Commercial**
Description:	**SEISMIC UP GRADE TO ROOFING STRUCTURE VOLUNTARY SEISMIC UP GRADE TO ROOFING STRUCTURE VOLUNTARY, SEISMIC UP GRADE TO ROOFING STRUCTURE VOLUNTARY Miscellaneous Improvements , Miscellaneous Improvements SEISMIC UP GRADE TO ROOFING STRUCTURE VOLUNTARY , Miscellaneous Improvements**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	79789BMIC
Status:	Finaled
Valuation:	$68,000.00
Contractor Company:	
Contractor Name:	QUANTUM

TARGET PROPERTY FINDINGS

Date:	**7/24/2000**
Permit Type:	**Commercial**
Description:	**BLDG. 14, BOILER REPLACEMENT(EXACT CHANGEOUT NO CHANGES MADE BLDG. 14, BOILER REPLACEMENT(EXACT CHANGEOUT NO CHANGES MADE), BLDG. 14, BOILER REPLACEMENT(EXACT CHANGEOUT NO CHANGES MADE) , BLDG. 14, BOILER REPLACEMENT(EXACT CHANGEOUT NO CH**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	80632MGNC
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CAL-AIR INC

Date:	**7/18/2000**
Permit Type:	**Commercial**
Description:	**REOVE AND RE-INSTALL A/C UNITS , REOVE AND RE-INSTALL A/C UNITS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	80412MGNC
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CAL-AIR INC

TARGET PROPERTY FINDINGS

Date:	**7/5/2000**
Permit Type:	**Commercial**
Description:	**INSTALL SHELVING Add, INSTALL SHELVING Miscellaneous Improvements , Miscellaneous Improvements INSTALL SHELVING Add, Miscellaneous Improvements**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	80308BMII
Status:	Expired
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	QUANTUM

Date:	**6/27/2000**
Permit Type:	**Commercial**
Description:	**TEAR OFF BUILT UP ROOF // ADD BUILT UP ROOF W/CAP SHEET (TEAR OFF BUILT UP ROOF // ADD BUILT UP ROOF W/CAP SHEET (UL# R10630(N)) SIPLAST INC Rep, TEAR OFF BUILT UP ROOF // ADD BUILT UP ROOF W/CAP SHEET (UL# R10630(N)) SIPLAST INC , TEAR OFF BUILT UP ROOF // ADD BUILT UP ROOF W/CAP Rep**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	80412BRFC
Status:	Finaled
Valuation:	$146,750.00
Contractor Company:	
Contractor Name:	BIGHAM TAYLOR ROOFING, INC

TARGET PROPERTY FINDINGS

Date:	**6/16/2000**
Permit Type:	**Commercial**
Description:	**INSTALL RACKING AND SHELVING New, INSTALL RACKING AND SHELVING III-N Non-Combustible Exterior Walls Non-Rated New Building F-1 Moderate hazard occupancies, New Building INSTALL RACKING AND SHELVING New, New Building**
Permit Description:	
Work Class:	New Building
Proposed Use:	CONV_BUILDING
Permit Number:	80301BGNI
Status:	Finaled
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	QUANTUM

Date:	**5/17/2000**
Permit Type:	**Commercial**
Description:	**TI NEW WALLS AND DOUBLE DOORS New, TI NEW WALLS AND DOUBLE DOORS III-N Non-Combustible Exterior Walls Non-Rated Tenant Improvements B Office or Professional Building, Tenant Improvements TI NEW WALLS AND DOUBLE DOORS New, Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	80029BTIC
Status:	Finaled
Valuation:	$175,000.00
Contractor Company:	
Contractor Name:	QUANTUM

TARGET PROPERTY FINDINGS

Date:	**5/17/2000**
Permit Type:	**Commercial**
Description:	**RECEPTICAL OUTLETS LIGHTING FIXTURES CIRUIT BREAKERS AIR CON RECEPTICAL OUTLETS LIGHTING FIXTURES CIRUIT BREAKERS AIR CONDTIONER POWER APPAR New, RECEPTICAL OUTLETS LIGHTING FIXTURES CIRUIT BREAKERS AIR CONDTIONER POWER APPAR III-N Non-Combustible Exterior Walls Non-Rated B Office or Professional Building, RECEPTICAL OUTLETS LIGHTING FIXTURES CIRUIT BREAKE New**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	80029EGNC
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	QUANTUM

Date:	**5/17/2000**
Permit Type:	**Commercial**
Description:	**A/C UNIT New, A/C UNIT III-N Non-Combustible Exterior Walls Non-Rated B Office or Professional Building, A/C UNIT New**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	80029MGNC
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	QUANTUM

TARGET PROPERTY FINDINGS

Date:	**4/24/2000**
Permit Type:	**Commercial**
Description:	**DEMO WALLS & DOORS NON STRUCTURAL WALLS Rep, DEMO WALLS & DOORS NON STRUCTURAL WALLS III-N Non-Combustible Exterior Walls Non-Rated A-4 Stadiums, DEMO WALLS & DOORS NON STRUCTURAL WALLS Rep**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	79867DGNC
Status:	Expired
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	QUANTUM

Date:	**11/10/1999**
Permit Type:	**Commercial**
Description:	**SEISMIT UPGRADE TO ROOF , SEISMIT UPGRADE TO ROOF Tenant Improvements , Tenant Improvements SEISMIT UPGRADE TO ROOF , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	78746BTII
Status:	Finaled
Valuation:	$20,000.00
Contractor Company:	
Contractor Name:	WATSON CONSTRUCTION

Date:	**9/17/1999**
Permit Type:	**Commercial**
Description:	**PLUGS FOR TEST CHAMBERS , PLUGS FOR TEST CHAMBERS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	78557EGNI
Status:	Expired
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

TARGET PROPERTY FINDINGS

Date:	**6/22/1999**
Permit Type:	**Commercial**
Description:	**PANEL ON REVISION TO 77470 , PANEL ON REVISION TO 77470**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	77959EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**5/18/1999**
Permit Type:	**Commercial**
Description:	**UPS HEATROOM , UPS HEATROOM Tenant Improvements , Tenant Improvements UPS HEATROOM , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	77720BTII
Status:	
Valuation:	$50,000.00
Contractor Company:	
Contractor Name:	PACIFIC WEST INTERIORS

Date:	**5/18/1999**
Permit Type:	**Commercial**
Description:	**ELECTRICAL FOR UPS HEATROOM , ELECTRICAL FOR UPS HEATROOM**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	77720EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

TARGET PROPERTY FINDINGS

Date:	**5/18/1999**
Permit Type:	**Commercial**
Description:	**MECHANICAL FOR UPS HEATROOM , MECHANICAL FOR UPS HEATROOM**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	77720MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CAL-AIR INC

Date:	**4/21/1999**
Permit Type:	**Commercial**
Description:	**TENNEY ALTITUDE CHAMBERS (5 LG CHAMBERS) , TENNEY ALTITUDE CHAMBERS (5 LG CHAMBERS) Tenant Improvements , Tenant Improvements TENNEY ALTITUDE CHAMBERS (5 LG CHAMBERS) , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	77523BTII
Status:	
Valuation:	$20,000.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

Date:	**4/21/1999**
Permit Type:	**Commercial**
Description:	**ELEC- TENNEY ALTITUDE CHAMBERS , ELEC- TENNEY ALTITUDE CHAMBERS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	77523EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

TARGET PROPERTY FINDINGS

Date:	**4/21/1999**
Permit Type:	**Commercial**
Description:	**PLBG - FINAL CONNECTION OF CHAMBERS , PLBG - FINAL CONNECTION OF CHAMBERS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	77523PGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CAL-AIR INC

Date:	**4/19/1999**
Permit Type:	**Commercial**
Description:	**SERVICE UPGRADE , SERVICE UPGRADE 3N Tenant Improvements , Tenant Improvements SERVICE UPGRADE , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	77470BTII
Status:	
Valuation:	$200,000.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

Date:	**4/19/1999**
Permit Type:	**Commercial**
Description:	**SERVICE UPGRADE , SERVICE UPGRADE 3N , SERVICE UPGRADE**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	77470EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

TARGET PROPERTY FINDINGS

Date:	**3/4/1999**
Permit Type:	**Commercial**
Description:	**LAB REMODEL, ELEC, MECH , LAB REMODEL, ELEC, MECH 3N Tenant Improvements B Office or Professional Building, Tenant Improvements LAB REMODEL, ELEC, MECH , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	77175BTII
Status:	Finaled
Valuation:	$78,000.00
Contractor Company:	
Contractor Name:	BRUNETTE CONSTRUCTION

Date:	**3/4/1999**
Permit Type:	**Commercial**
Description:	**OUTLETS, LIGHTS, EQUIPMENT HOOK UP , OUTLETS, LIGHTS, EQUIPMENT HOOK UP 3N B Office or Professional Building, OUTLETS, LIGHTS, EQUIPMENT HOOK UP**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	77175EGNI
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

TARGET PROPERTY FINDINGS

Date:	**3/4/1999**
Permit Type:	**Commercial**
Description:	**CONDENSATE DRAIN , CONDENSATE DRAIN 3N B Office or Professional Building, CONDENSATE DRAIN**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	77175PGNI
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CAL-AIR INC

Date:	**2/10/1999**
Permit Type:	**Commercial**
Description:	**5 TENNY ALTITUDE CHAMBERS , 5 TENNY ALTITUDE CHAMBERS Tenant Improvements , Tenant Improvements 5 TENNY ALTITUDE CHAMBERS , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	77051BTII
Status:	
Valuation:	$28,000.00
Contractor Company:	
Contractor Name:	BRUNETTE CONSTRUCTION

Date:	**2/10/1999**
Permit Type:	**Commercial**
Description:	**OUTLETS, MOTORS , OUTLETS, MOTORS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	77051EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

TARGET PROPERTY FINDINGS

Date: **2/10/1999**
Permit Type: **Commercial**
Description: **VENT TO ROOF , VENT TO ROOF**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 77051PGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAL-AIR INC

Date: **1/4/1999**
Permit Type: **Commercial**
Description: **UPS HOOK UP AND TRANSFORMER , UPS HOOK UP AND TRANSFORMER**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 76875EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPRIG ELECTRIC

Date: **10/21/1998**
Permit Type: **Commercial**
Description: **SEISMIC ANCHOR TEST EQUIPMENT , SEISMIC ANCHOR TEST EQUIPMENT Tenant Improvements , Tenant Improvements SEISMIC ANCHOR TEST EQUIPMENT , Tenant Improvements**

Permit Description:
Work Class: CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use: CONV_BUILDING
Permit Number: 76448BTII
Status:
Valuation: $1,500.00
Contractor Company:
Contractor Name: WATSON CONSTRUCTION

TARGET PROPERTY FINDINGS

Date: **10/21/1998**
Permit Type: **Commercial**
Description: **PWR APPAR , PWR APPAR**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 76448EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPRIG ELECTRIC

Date: **10/21/1998**
Permit Type: **Commercial**
Description: **EXHAUST FAN , EXHAUST FAN**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 76448MGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAL-AIR INC

Date: **10/2/1998**
Permit Type: **Commercial**
Description: **HARRIS CHAMBER , HARRIS CHAMBER Tenant Improvements , Tenant Improvements HARRIS CHAMBER , Tenant Improvements**

Permit Description:
Work Class: CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use: CONV_BUILDING
Permit Number: 76306BTII
Status:
Valuation: $4,200.00
Contractor Company:
Contractor Name: BRUNETTE CONSTRUCTION

TARGET PROPERTY FINDINGS

Date: **10/2/1998**
Permit Type: **Commercial**
Description: **OUTLETS, MOTOR , OUTLETS, MOTOR**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 76306EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPRIG ELECTRIC

Date: **9/24/1998**
Permit Type: **Commercial**
Description: **OUTLETS/PNL/PWR APPAR , OUTLETS/PNL/PWR APPAR**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 76248EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPRIG ELECTRIC

Date: **9/24/1998**
Permit Type: **Commercial**
Description: **EXHAUST , EXHAUST**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 76248MGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAL-AIR INC

Date:	**9/24/1998**
Permit Type:	**Commercial**
Description:	**PARTITIONS & EQUIPMENT INSTALLATIONS , PARTITIONS & EQUIPMENT INSTALLATIONS Tenant Improvements , Tenant Improvements PARTITIONS & EQUIPMENT INSTALLATIONS , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	76248BTII
Status:	
Valuation:	$35,000.00
Contractor Company:	
Contractor Name:	BRUNETTE CONSTRUCTION

Date:	**9/17/1998**
Permit Type:	**Commercial**
Description:	**MECHANICAL-AC UNITS , MECHANICAL-AC UNITS 3N , MECHANICAL-AC UNITS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	76027MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CAL-AIR INC

Date:	**9/14/1998**
Permit Type:	**Commercial**
Description:	**OUTLETS, LIGHTS, PANEL, HVAC , OUTLETS, LIGHTS, PANEL, HVAC 3N , OUTLETS, LIGHTS, PANEL, HVAC**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	76027EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

TARGET PROPERTY FINDINGS

Date:	**9/11/1998**
Permit Type:	**Commercial**
Description:	**ROOF REINFORCE/HVAC-FILE SERVER ROOM , ROOF REINFORCE/HVAC-FILE SERVER ROOM 3N Tenant Improvements , Tenant Improvements ROOF REINFORCE/HVAC-FILE SERVER ROOM , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	76027BTII
Status:	
Valuation:	$120,000.00
Contractor Company:	
Contractor Name:	BRUNETTE CONSTRUCTION

Date:	**8/26/1998**
Permit Type:	**Commercial**
Description:	**DEMO ELEC, CEILING , DEMO ELEC, CEILING 3N , DEMO ELEC, CEILING**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	76027DGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	BRUNETTE CONSTRUCTION

Date:	**8/14/1998**
Permit Type:	**Commercial**
Description:	**SEISMIC ANCHORING , SEISMIC ANCHORING Tenant Improvements , Tenant Improvements SEISMIC ANCHORING , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	75955BTII
Status:	
Valuation:	$500.00
Contractor Company:	
Contractor Name:	WATSON CONSTRUCTION

TARGET PROPERTY FINDINGS

Date:	**7/21/1998**
Permit Type:	**Commercial**
Description:	**HOOK UP TEST CHAMBERS , HOOK UP TEST CHAMBERS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	75779EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**7/21/1998**
Permit Type:	**Commercial**
Description:	**ENVIRONMENTAL CHAMBERS , ENVIRONMENTAL CHAMBERS Tenant Improvements , Tenant Improvements ENVIRONMENTAL CHAMBERS , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	75779BTII
Status:	
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	BRUNETTE CONSTRUCTION

Date:	**7/21/1998**
Permit Type:	**Commercial**
Description:	**VENT , VENT**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	75779MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	BRUNETTE CONSTRUCTION

TARGET PROPERTY FINDINGS

Date: **7/14/1998**
Permit Type: **Commercial**
Description: **HOOK UP NEW AC , HOOK UP NEW AC**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 75685EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAL-AIR INC

Date: **7/14/1998**
Permit Type: **Commercial**
Description: **INSTALL 10 TON AC UNIT , INSTALL 10 TON AC UNIT Tenant Improvements , Tenant Improvements INSTALL 10 TON AC UNIT , Tenant Improvements**

Permit Description:
Work Class: CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use: CONV_BUILDING
Permit Number: 75685BTII
Status:
Valuation: $20,000.00
Contractor Company:
Contractor Name: CAL-AIR INC

Date: **7/14/1998**
Permit Type: **Commercial**
Description: **10 TON AC UNIT , 10 TON AC UNIT**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 75685MGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAL-AIR INC

TARGET PROPERTY FINDINGS

Date:	**6/19/1998**
Permit Type:	**Commercial**
Description:	**TI- SHAKER , TI- SHAKER**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	75546EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**6/19/1998**
Permit Type:	**Commercial**
Description:	**VENTILATION SYSTEM/FAN , VENTILATION SYSTEM/FAN**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	75546MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	BRUNETTE CONSTRUCTION

Date:	**6/19/1998**
Permit Type:	**Commercial**
Description:	**ROOM RENOVATION; SHAKER INSTALLATION , ROOM RENOVATION; SHAKER INSTALLATION Tenant Improvements , Tenant Improvements ROOM RENOVATION; SHAKER INSTALLATION , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	75546BTII
Status:	
Valuation:	$12,000.00
Contractor Company:	
Contractor Name:	BRUNETTE CONSTRUCTION

TARGET PROPERTY FINDINGS

Date: **6/17/1998**
Permit Type: **Commercial**
Description: **RELOCATE REGISTERS , RELOCATE REGISTERS**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 75368MGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: FLUID INDUSTRIAL SYSTEMS

Date: **6/4/1998**
Permit Type: **Commercial**
Description: **HEAT RM TI/ROUGH IN FOR FUTURE CHMBRS , HEAT RM TI/ROUGH IN FOR FUTURE CHMBRS**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 75368EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPRIG ELECTRIC

Date: **6/1/1998**
Permit Type: **Commercial**
Description: **BUILD HEAT ROOM FOR TESTING AREA, BUILD HEAT ROOM Tenant Improvements , Tenant Improvements BUILD HEAT ROOM FOR TESTING AREA, Tenant Improvements**

Permit Description:
Work Class: CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use: CONV_BUILDING
Permit Number: 75368BTII
Status:
Valuation: $6,000.00
Contractor Company:
Contractor Name: QUANTUM

TARGET PROPERTY FINDINGS

Date:	**5/29/1998**
Permit Type:	**Commercial**
Description:	**RELOCATE & SEISMICALLY ANCHOR 4 CHMBRS , RELOCATE & SEISMICALLY ANCHOR 4 CHMBRS Tenant Improvements , Tenant Improvements RELOCATE & SEISMICALLY ANCHOR 4 CHMBRS , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	75360BTII
Status:	
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**5/29/1998**
Permit Type:	**Commercial**
Description:	**RELOCATE 4 EXISTING CHMBRS & ASSOC ELEC , RELOCATE 4 EXISTING CHMBRS & ASSOC ELEC**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	75360EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**4/14/1998**
Permit Type:	**Commercial**
Description:	**EQUIPMENT , EQUIPMENT Tenant Improvements , Tenant Improvements EQUIPMENT , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	75081BTII
Status:	
Valuation:	$2,500.00
Contractor Company:	
Contractor Name:	WATSON CONSTRUCTION

TARGET PROPERTY FINDINGS

Date:	**4/1/1998**
Permit Type:	**Commercial**
Description:	**HVAC , HVAC 3N B Office or Professional Building, HVAC**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	74729MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	OAK CREEK DELAWARE

Date:	**3/24/1998**
Permit Type:	**Commercial**
Description:	**ANCHOR TEST EQUIPMENT , ANCHOR TEST EQUIPMENT Tenant Improvements , Tenant Improvements ANCHOR TEST EQUIPMENT , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	74946BTII
Status:	
Valuation:	$2,000.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

Date:	**3/18/1998**
Permit Type:	**Commercial**
Description:	**OUTLETS/FIXTURES REF. #74765, OUTLETS/FIXTURES , OUTLETS/FIXTURES REF. #74765**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	74922EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FULCRUM MECHANICAL INC

TARGET PROPERTY FINDINGS

Date:	**3/13/1998**
Permit Type:	**Commercial**
Description:	**DSPG, PHASE I ELECTRIC , DSPG, PHASE I ELECTRIC 3N B Office or Professional Building, DSPG, PHASE I ELECTRIC**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	74729EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

Date:	**3/13/1998**
Permit Type:	**Commercial**
Description:	**DSPG EXPANSION, PHASE I , DSPG EXPANSION, PHASE I 3N Tenant Improvements B Office or Professional Building, Tenant Improvements DSPG EXPANSION, PHASE I , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	74729BTII
Status:	
Valuation:	$750,000.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

TARGET PROPERTY FINDINGS

Date:	**3/11/1998**
Permit Type:	**Commercial**
Description:	**CONCRETE PAD & COVER FOR AIR COMPRESSORS , CONCRETE PAD & COVER FOR AIR COMPRESSORS Accessory Structure , Accessory Structure CONCRETE PAD & COVER FOR AIR COMPRESSORS , Accessory Structure**
Permit Description:	
Work Class:	Accessory Structure
Proposed Use:	CONV_BUILDING
Permit Number:	74765BASI
Status:	
Valuation:	$110,000.00
Contractor Company:	
Contractor Name:	FULCRUM MECHANICAL INC

Date:	**3/11/1998**
Permit Type:	**Commercial**
Description:	**AIR COMPRESSORS , AIR COMPRESSORS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	74765EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FULCRUM MECHANICAL INC

Date:	**3/10/1998**
Permit Type:	**Commercial**
Description:	**TEMPORARY PERMIT , TEMPORARY PERMIT 3N B Office or Professional Building, TEMPORARY PERMIT**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	74729BTTI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

TARGET PROPERTY FINDINGS

Date:	**3/9/1998**
Permit Type:	**Commercial**
Description:	**REMOVE CEILING, WALLS , REMOVE CEILING, WALLS 3N B Office or Professional Building, REMOVE CEILING, WALLS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	74729DGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

Date:	**2/18/1998**
Permit Type:	**Commercial**
Description:	**DEMO PADS, REAR OF BUILDING , DEMO PADS, REAR OF BUILDING**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	74765DGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FULCRUM MECHANICAL INC

Date:	**2/5/1998**
Permit Type:	**Commercial**
Description:	**SUPPLY GRILLES, RETURNS , SUPPLY GRILLES, RETURNS 3N F1, SUPPLY GRILLES, RETURNS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	74601MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ACCO, AIR CONDITIONING COMPANY

TARGET PROPERTY FINDINGS

Date:	**1/26/1998**
Permit Type:	**Commercial**
Description:	**VENT HETERS & CONTROLS LIQID NITRO SYSTEM, VENT HETERS & CONTROLS , VENT HETERS & CONTROLS LIQID NITRO SYSTEM**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	74069EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**1/23/1998**
Permit Type:	**Commercial**
Description:	**MONUMENT SIGN , MONUMENT SIGN**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	74499BSNI
Status:	
Valuation:	$1,500.00
Contractor Company:	
Contractor Name:	DPR CONSTRUCTION, INC

Date:	**1/23/1998**
Permit Type:	**Commercial**
Description:	**OUTLETS/FIXT/PWR APPAR , OUTLETS/FIXT/PWR APPAR 3N F1, OUTLETS/FIXT/PWR APPAR**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	74601EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

TARGET PROPERTY FINDINGS

Date:	**1/16/1998**
Permit Type:	**Commercial**
Description:	**SHAKER LAB TI , SHAKER LAB TI 3N Tenant Improvements F1, Tenant Improvements SHAKER LAB TI , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	74601BTII
Status:	
Valuation:	$71,392.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

Date:	**12/18/1997**
Permit Type:	**Commercial**
Description:	**RENEW #71890 OUTLETS/FIXT/PWR APPAR, RENEW #71890 , RENEW #71890 OUTLETS/FIXT/PWR APPAR**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	74498EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

Date:	**12/18/1997**
Permit Type:	**Commercial**
Description:	**RENEW #71890 INSTALL WALLS, DOORS & WINDOW, RENEW #71890 Tenant Improvements , Tenant Improvements RENEW #71890 INSTALL WALLS, DOORS & WINDOW, Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	74498BTII
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

TARGET PROPERTY FINDINGS

Date:	**12/5/1997**
Permit Type:	**Commercial**
Description:	**DC POWER SUPPLY UNITS , DC POWER SUPPLY UNITS Tenant Improvements , Tenant Improvements DC POWER SUPPLY UNITS , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	74433BTII
Status:	
Valuation:	$14,000.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**12/5/1997**
Permit Type:	**Commercial**
Description:	**PNL/PWR APPAR , PNL/PWR APPAR**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	74433EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**10/23/1997**
Permit Type:	**Commercial**
Description:	**NITROGEN TANK & PAD , NITROGEN TANK & PAD Accessory Structure , Accessory Structure NITROGEN TANK & PAD , Accessory Structure**
Permit Description:	
Work Class:	Accessory Structure
Proposed Use:	CONV_BUILDING
Permit Number:	74069BASI
Status:	
Valuation:	$12,000.00
Contractor Company:	
Contractor Name:	JOS. J. ALBANESE

TARGET PROPERTY FINDINGS

Date:	**10/7/1997**
Permit Type:	**Commercial**
Description:	**ACOUSTIC CHAMBER & STRUCTURAL CALCS ONLY , ACOUSTIC CHAMBER & STRUCTURAL CALCS ONLY Tenant Improvements , Tenant Improvements ACOUSTIC CHAMBER & STRUCTURAL CALCS ONLY , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	73757BTII
Status:	
Valuation:	$6,000.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

Date:	**9/12/1997**
Permit Type:	**Commercial**
Description:	**DEMOUNT PARTITINOS, T-BAR, DOORS, WINDOW , DEMOUNT PARTITINOS, T-BAR, DOORS, WINDOW Tenant Improvements , Tenant Improvements DEMOUNT PARTITINOS, T-BAR, DOORS, WINDOW , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	73849BTII
Status:	
Valuation:	$35,000.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

Date:	**9/12/1997**
Permit Type:	**Commercial**
Description:	**OUTLETS, LIGHTS , OUTLETS, LIGHTS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	73849EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

TARGET PROPERTY FINDINGS

Date: **9/12/1997**
Permit Type: **Commercial**
Description: **RELOCATE DUCTS , RELOCATE DUCTS**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 73849MGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DEVCON CONSTRUCTION

Date: **9/12/1997**
Permit Type: **Commercial**
Description: **OUTLETS, MOTOR , OUTLETS, MOTOR**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 73850EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DEVCON CONSTRUCTION

Date: **9/12/1997**
Permit Type: **Commercial**
Description: **ENSECO CHAMGER, ELEC, PROCESS PIPE , ENSECO CHAMGER, ELEC, PROCESS PIPE Tenant Improvements , Tenant Improvements ENSECO CHAMGER, ELEC, PROCESS PIPE , Tenant Improvements**

Permit Description:
Work Class: CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use: CONV_BUILDING
Permit Number: 73850BTII
Status:
Valuation: $10,000.00
Contractor Company:
Contractor Name: DEVCON CONSTRUCTION

TARGET PROPERTY FINDINGS

Date:	**9/3/1997**
Permit Type:	**Commercial**
Description:	**UNDERGRID WALLS , UNDERGRID WALLS Tenant Improvements , Tenant Improvements UNDERGRID WALLS , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	73777BTII
Status:	
Valuation:	$16,000.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

Date:	**9/3/1997**
Permit Type:	**Commercial**
Description:	**OUTLETS/FIXTURES , OUTLETS/FIXTURES**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	73777EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

Date:	**9/3/1997**
Permit Type:	**Commercial**
Description:	**RE-ROUTE DUCTS , RE-ROUTE DUCTS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	73777MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

TARGET PROPERTY FINDINGS

Date:	**6/30/1997**
Permit Type:	**Commercial**
Description:	**OUTLETS, LIGHTS, MOTORS , OUTLETS, LIGHTS, MOTORS 3N B Office or Professional Building, OUTLETS, LIGHTS, MOTORS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	73040EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**6/30/1997**
Permit Type:	**Commercial**
Description:	**HVAC , HVAC 3N B Office or Professional Building, HVAC**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	73040MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AIR SYSTEMS ACQUISITION INC/db

Date:	**6/26/1997**
Permit Type:	**Commercial**
Description:	**WALLS, DOORS, ENV CHAMBERS , WALLS, DOORS, ENV CHAMBERS 3N Tenant Improvements B Office or Professional Building, Tenant Improvements WALLS, DOORS, ENV CHAMBERS , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	73040BTII
Status:	
Valuation:	$200,000.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

TARGET PROPERTY FINDINGS

Date:	**6/18/1997**
Permit Type:	**Commercial**
Description:	**OUTLETS/FIXT/PNL/PWR APPAR , OUTLETS/FIXT/PNL/PWR APPAR**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	72993EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**6/11/1997**
Permit Type:	**Commercial**
Description:	**RELOCATE (E) RACKS , RELOCATE (E) RACKS Tenant Improvements , Tenant Improvements RELOCATE (E) RACKS , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	73158BTII
Status:	
Valuation:	$6,500.00
Contractor Company:	
Contractor Name:	WATSON CONSTRUCTION

Date:	**6/10/1997**
Permit Type:	**Commercial**
Description:	**RELOCATE COOLING TOWER, CHILLER, PUMPS , RELOCATE COOLING TOWER, CHILLER, PUMPS Tenant Improvements , Tenant Improvements RELOCATE COOLING TOWER, CHILLER, PUMPS , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	72993BTII
Status:	
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

TARGET PROPERTY FINDINGS

Date:	**6/6/1997**
Permit Type:	**Commercial**
Description:	**RELOCATE POWER POLES FOR RE-CONFIG. OF (E) CUBICAL PARTITIONS, RELOCATE POWER POLES FOR RE-CONFIG. OF , RELOCATE POWER POLES FOR RE-CONFIG. OF (E) CUBICAL PARTITIONS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	73094EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**4/30/1997**
Permit Type:	**Commercial**
Description:	**CEMENT PAD & SCREENING WALL PARKING LOT, BLDG 14, CEMENT PAD & SCREENING WALL Accessory Structure , Accessory Structure CEMENT PAD & SCREENING WALL PARKING LOT, BLDG 14, Accessory Structure**
Permit Description:	
Work Class:	Accessory Structure
Proposed Use:	CONV_BUILDING
Permit Number:	72786BASI
Status:	
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

Date:	**4/24/1997**
Permit Type:	**Commercial**
Description:	**EXHAUST FAN , EXHAUST FAN**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	72608MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AIR SYSTEMS ACQUISITION INC/db

TARGET PROPERTY FINDINGS

Date: **4/8/1997**
Permit Type: **Commercial**
Description: **CONNECT POWER TO EQUIPMENT , CONNECT POWER TO EQUIPMENT**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 72705EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPRIG ELECTRIC

Date: **4/3/1997**
Permit Type: **Commercial**
Description: **AC , AC**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 72366MGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR SYSTEMS ACQUISITION INC/db

Date: **4/3/1997**
Permit Type: **Commercial**
Description: **CINCINNATI OVENS , CINCINNATI OVENS Tenant Improvements , Tenant Improvements CINCINNATI OVENS , Tenant Improvements**

Permit Description:
Work Class: CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use: CONV_BUILDING
Permit Number: 72705BTII
Status:
Valuation: $4,000.00
Contractor Company:
Contractor Name: DEVCON CONSTRUCTION

TARGET PROPERTY FINDINGS

Date: **3/31/1997**
Permit Type: **Commercial**
Description: **OUTLETS, LIGHTS, SERVICE , OUTLETS, LIGHTS, SERVICE**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 72656EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPRIG ELECTRIC

Date: **3/28/1997**
Permit Type: **Commercial**
Description: **REMOVE AND INSTALL WALL & DOOR , REMOVE AND INSTALL WALL & DOOR Tenant Improvements , Tenant Improvements REMOVE AND INSTALL WALL & DOOR , Tenant Improvements**

Permit Description:
Work Class: CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use: CONV_BUILDING
Permit Number: 72656BTII
Status:
Valuation: $1,500.00
Contractor Company:
Contractor Name: DEVCON CONSTRUCTION

Date: **3/27/1997**
Permit Type: **Commercial**
Description: **TI-ELECTRIC REF. #72366 , TI-ELECTRIC REF. #72366**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 72652EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: LAWRENCE ELECTRIC

TARGET PROPERTY FINDINGS

Date: **3/25/1997**
Permit Type: **Commercial**
Description: **TI-ELECTRIC , TI-ELECTRIC**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 72366EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPRIG ELECTRIC

Date: **3/25/1997**
Permit Type: **Commercial**
Description: **TI-ELECTIC , TI-ELECTIC**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 72608EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPRIG ELECTRIC

Date: **3/24/1997**
Permit Type: **Commercial**
Description: **REMOVE T-BAR/ADD R.F. CHAMBER , REMOVE T-BAR/ADD R.F. CHAMBER Tenant Improvements , Tenant Improvements REMOVE T-BAR/ADD R.F. CHAMBER , Tenant Improvements**

Permit Description:
Work Class: CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use: CONV_BUILDING
Permit Number: 72366BTII
Status:
Valuation: $25,000.00
Contractor Company:
Contractor Name: DEVCON CONSTRUCTION

TARGET PROPERTY FINDINGS

Date:	**3/24/1997**
Permit Type:	**Commercial**
Description:	**REMOVE WALL-INSTALL NEW WALL TO INSTALL NEW EQUIPMENT, REMOVE WALL-INSTALL NEW WALL TO INSTALL Tenant Improvements , Tenant Improvements REMOVE WALL-INSTALL NEW WALL TO INSTALL NEW EQUIPMENT, Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	72608BTII
Status:	
Valuation:	$9,800.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

Date:	**3/20/1997**
Permit Type:	**Commercial**
Description:	**OUTLETS, LIGHTS, MOTORS , OUTLETS, LIGHTS, MOTORS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	72500EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**3/12/1997**
Permit Type:	**Commercial**
Description:	**TI-MECHANICAL , TI-MECHANICAL**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	72500MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AIR SYSTEMS ACQUISITION INC/db

TARGET PROPERTY FINDINGS

Date:	**3/7/1997**
Permit Type:	**Commercial**
Description:	**REMOVE WALLS & DOORS & T-BAR - INSTALL NEW T-BAR, LIGHT FIXTURES & ESD FLOORING, REMOVE WALLS & DOORS & T-BAR - INSTALL Tenant Improvements , Tenant Improvements REMOVE WALLS & DOORS & T-BAR - INSTALL NEW T-BAR, LIGHT FIXTURES & ESD FLOORING, Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	72500BTII
Status:	
Valuation:	$6,720.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

Date:	**2/26/1997**
Permit Type:	**Commercial**
Description:	**DEMO WALL & CARPET/INSTALL ESD FLOOR , DEMO WALL & CARPET/INSTALL ESD FLOOR Tenant Improvements , Tenant Improvements DEMO WALL & CARPET/INSTALL ESD FLOOR , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	72440BTII
Status:	
Valuation:	$8,000.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

TARGET PROPERTY FINDINGS

Date:	**2/4/1997**
Permit Type:	**Commercial**
Description:	**OUTLETS/FIXT/PANEL , OUTLETS/FIXT/PANEL**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	72331EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

Date:	**2/4/1997**
Permit Type:	**Commercial**
Description:	**NEW DOOR/RELOCATE LIGHTS/(2) COLD BOXES , NEW DOOR/RELOCATE LIGHTS/(2) COLD BOXES Tenant Improvements , Tenant Improvements NEW DOOR/RELOCATE LIGHTS/(2) COLD BOXES , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	72331BTII
Status:	
Valuation:	$28,000.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

Date:	**2/4/1997**
Permit Type:	**Commercial**
Description:	**TI-MECHANICAL , TI-MECHANICAL**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	72331MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

TARGET PROPERTY FINDINGS

Date:	**12/4/1996**
Permit Type:	**Commercial**
Description:	**SLAB, MASONRY WALL, FENCE , SLAB, MASONRY WALL, FENCE Accessory Structure , Accessory Structure SLAB, MASONRY WALL, FENCE , Accessory Structure**
Permit Description:	
Work Class:	Accessory Structure
Proposed Use:	CONV_BUILDING
Permit Number:	72020BASI
Status:	
Valuation:	$7,500.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

Date:	**11/20/1996**
Permit Type:	**Commercial**
Description:	**OUTLETS/FIXT/PWR APPAR , OUTLETS/FIXT/PWR APPAR**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	71890EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**11/13/1996**
Permit Type:	**Commercial**
Description:	**INSTALL WALLS, DOORS & WINDOW , INSTALL WALLS, DOORS & WINDOW Tenant Improvements , Tenant Improvements INSTALL WALLS, DOORS & WINDOW , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	71890BTII
Status:	
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

TARGET PROPERTY FINDINGS

Date:	**9/10/1996**
Permit Type:	**Commercial**
Description:	**OUTLETS, LIGHTS, EQUIPMENT , OUTLETS, LIGHTS, EQUIPMENT**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	71215EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**9/10/1996**
Permit Type:	**Commercial**
Description:	**DUCT WORK/HEPA FILTERS FOR CLEANROOM , DUCT WORK/HEPA FILTERS FOR CLEANROOM**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	71215MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FLUID INDUSTRIAL SYSTEMS

Date:	**8/20/1996**
Permit Type:	**Commercial**
Description:	**REPLACE EXIST. WALLS & CEILING W/NEW , REPLACE EXIST. WALLS & CEILING W/NEW Tenant Improvements , Tenant Improvements REPLACE EXIST. WALLS & CEILING W/NEW , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	71215BTII
Status:	
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

TARGET PROPERTY FINDINGS

Date:	**7/31/1996**
Permit Type:	**Commercial**
Description:	**OUTLETS/FIXTURES , OUTLETS/FIXTURES 3N B Office or Professional Building, OUTLETS/FIXTURES**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	71066EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**7/30/1996**
Permit Type:	**Commercial**
Description:	**REMOVE PARTITIONS, CHANGE TO DEV. LAB AN CONFERENCE ROOM, REMOVE PARTITIONS, CHANGE TO DEV. LAB AN 3N Tenant Improvements B Office or Professional Building, Tenant Improvements REMOVE PARTITIONS, CHANGE TO DEV. LAB AN CONFERENCE ROOM, Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	71066BTII
Status:	
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

TARGET PROPERTY FINDINGS

Date:	**3/11/1996**
Permit Type:	**Commercial**
Description:	**OUTLETS/FIXTURES/PWR APPAR , OUTLETS/FIXTURES/PWR APPAR 5N B2, OUTLETS/FIXTURES/PWR APPAR**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	69300EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**3/7/1996**
Permit Type:	**Commercial**
Description:	**ADD RF EQUIPMENT TO LARGE ROOM , ADD RF EQUIPMENT TO LARGE ROOM 5N Tenant Improvements B2, Tenant Improvements ADD RF EQUIPMENT TO LARGE ROOM , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	69300BTII
Status:	
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

Date:	**2/23/1996**
Permit Type:	**Commercial**
Description:	**DEMO CEILINGS, WALLS PREP FOR EMI CHAMBER, DEMO CEILINGS, WALLS , DEMO CEILINGS, WALLS PREP FOR EMI CHAMBER**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	70008DGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

TARGET PROPERTY FINDINGS

Date:	**2/21/1996**
Permit Type:	**Commercial**
Description:	**ENVIRONMENTAL TESTING CHAMBER , ENVIRONMENTAL TESTING CHAMBER 5N Accessory Structure B Office or Professional Building, Accessory Structure ENVIRONMENTAL TESTING CHAMBER , Accessory Structure**
Permit Description:	
Work Class:	Accessory Structure
Proposed Use:	CONV_BUILDING
Permit Number:	69960BASI
Status:	
Valuation:	$180,000.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

Date:	**2/9/1996**
Permit Type:	**Commercial**
Description:	**INSTALL METAL CLIP ANCHORS FOR METAL PARTITIONS, INSTALL METAL CLIP ANCHORS FOR METAL Tenant Improvements , Tenant Improvements INSTALL METAL CLIP ANCHORS FOR METAL PARTITIONS, Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	69957BTII
Status:	
Valuation:	$1,000.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

TARGET PROPERTY FINDINGS

Date:	**12/18/1995**
Permit Type:	**Commercial**
Description:	**STORAGE RACKS , STORAGE RACKS Tenant Improvements , Tenant Improvements STORAGE RACKS , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	69680BTII
Status:	
Valuation:	$8,000.00
Contractor Company:	
Contractor Name:	RAYMOND HANDLING

Date:	**11/22/1995**
Permit Type:	**Commercial**
Description:	**RELOCATE DUCTS , RELOCATE DUCTS 5N B2, RELOCATE DUCTS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	69505MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FLUID INDUSTRIAL SYSTEMS

Date:	**11/13/1995**
Permit Type:	**Commercial**
Description:	**OUTLETS/FIXTURES/PWR APPAR , OUTLETS/FIXTURES/PWR APPAR 5N B2, OUTLETS/FIXTURES/PWR APPAR**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	69505EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

TARGET PROPERTY FINDINGS

Date:	**11/9/1995**
Permit Type:	**Commercial**
Description:	**OFFICE AND CEILING TI , OFFICE AND CEILING TI 5N Tenant Improvements B2, Tenant Improvements OFFICE AND CEILING TI , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	69505BTII
Status:	
Valuation:	$100,000.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

Date:	**10/16/1995**
Permit Type:	**Commercial**
Description:	**ELECTRIC IN SMALL ROOM , ELECTRIC IN SMALL ROOM**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	69366EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

Date:	**10/11/1995**
Permit Type:	**Commercial**
Description:	**ADD SMALL ROOMS TO LARGE ROOM , ADD SMALL ROOMS TO LARGE ROOM Tenant Improvements , Tenant Improvements ADD SMALL ROOMS TO LARGE ROOM , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	69366BTII
Status:	
Valuation:	$12,000.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

TARGET PROPERTY FINDINGS

Date: **6/21/1995**
Permit Type: **Commercial**
Description: **HVAC DUCTS , HVAC DUCTS**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 68438MGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: FLUID INDUSTRIAL SYSTEMS

Date: **6/20/1995**
Permit Type: **Commercial**
Description: **FIXTURES/PNL/SERVICES/PWR APPAR , FIXTURES/PNL/SERVICES/PWR APPAR**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 68438EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPRIG ELECTRIC

Date: **6/16/1995**
Permit Type: **Commercial**
Description: **REMODEL OFFICES AND LABS , REMODEL OFFICES AND LABS Tenant Improvements , Tenant Improvements REMODEL OFFICES AND LABS , Tenant Improvements**

Permit Description:
Work Class: CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use: CONV_BUILDING
Permit Number: 68438BTII
Status:
Valuation: $300,000.00
Contractor Company:
Contractor Name: AMERICAN WESTCOAST INTERIORS,

TARGET PROPERTY FINDINGS

Date:	**5/4/1995**
Permit Type:	**Commercial**
Description:	**TEMPORARY BUILDING PERMIT , TEMPORARY BUILDING PERMIT**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	68438BTTI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

Date:	**4/28/1995**
Permit Type:	**Commercial**
Description:	**DEMO EXISTING WALLS EAST SIDE OF BLDG , DEMO EXISTING WALLS EAST SIDE OF BLDG**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	68421DGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AMERICAN WESTCOAST INTERIORS,

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

ALDER DR

540 ALDER DR

Date:	**9/29/2017**
Permit Type:	**CEL ELECTRICAL**
Description:	**MICRON TECHNOLOGY: Tenant improvement to include adding new**
Permit Description:	
Work Class:	CEL-ELECTRICAL
Proposed Use:	
Permit Number:	B-EL17-0478
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HATHAWAY DINWIDDIE CONSTRUCTION CO

Date:	**9/29/2017**
Permit Type:	**CME MECHANICAL**
Description:	**MICRON TECHNOLOGY: Tenant improvement to include adding new**
Permit Description:	
Work Class:	CME-MECHANICAL
Proposed Use:	
Permit Number:	B-ME17-0333
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HATHAWAY DINWIDDIE CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

Date: **9/29/2017**
Permit Type: **CTI OFFICE PROF BLD**
Description: **MICRON TECHNOLOGY: Tenant improvement to include adding new**

Permit Description:
Work Class:
Proposed Use:
Permit Number: B-BP17-0485
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

Date: **8/10/2017**
Permit Type: **CEL ELECTRICAL**
Description: **MICRON TECHNOLOGY: Tenant Improvement includes creating a ne**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL17-0399
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

Date: **8/10/2017**
Permit Type: **CME MECHANICAL**
Description: **MICRON TECHNOLOGY: Tenant Improvement includes creating a ne**

Permit Description:
Work Class: CME-MECHANICAL
Proposed Use:
Permit Number: B-ME17-0262
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

Date: **8/10/2017**
Permit Type: **CTI OFFICE PROF BLD**
Description: **MICRON TECHNOLOGY: Tenant Improvement includes creating a ne**

Permit Description:
Work Class: CTI-OFF/BANK/PROF
Proposed Use:
Permit Number: B-BP17-0371
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

Date: **4/16/2014**
Permit Type: **CTO TEMP OCCUPANCY**
Description: **MICRON: Temporary occupancy for tenant improvement**

Permit Description:
Work Class: CTO-TEMP OCC
Proposed Use:
Permit Number: B-OT14-0023
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

Date: **4/2/2014**
Permit Type: **CTI RESRCH DVLPMNT**
Description: **MICRON: Research and development for computer technologies**

Permit Description:
Work Class: CTI-RESEARCH/DEV
Proposed Use:
Permit Number: B-BP13-0664
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

Date: **4/2/2014**
Permit Type: **CEL ELECTRICAL**
Description: **MICRON: Research and development for computer technologies**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL14-0181
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

Date: **4/2/2014**
Permit Type: **CME MECHANICAL**
Description: **MICRON: Research and development for computer technologies**

Permit Description:
Work Class: CME-MECHANICAL
Proposed Use:
Permit Number: B-ME14-0138
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

Date: **4/2/2014**
Permit Type: **CPL PLUMBING**
Description: **MICRON: Research and development for computer technologies**

Permit Description:
Work Class: CPL-PLUMBING
Proposed Use:
Permit Number: B-PL14-0154
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

Date: **2/13/2014**
Permit Type: **CPL PLUMBING**
Description: **CBRE/RREEF: Sewer Line Repair**

Permit Description:
Work Class: CPL-PLUMBING
Proposed Use:
Permit Number: B-PL14-0071
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: R S AMERICAN RESIDENTIAL dba RESCUE ROO

Date: **1/23/2014**
Permit Type: **CTP TEMPORARY**
Description: **MICRON: Research and development for computer technologies**

Permit Description:
Work Class: CTP-TEMPORARY
Proposed Use:
Permit Number: B-TP14-0003
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

Date: **12/4/2013**
Permit Type: **CDM DEMOLITION**
Description: **MICRON: Interior non-structural demolition to prepare for t**

Permit Description:
Work Class: CDM-INT NONSTR DEMO
Proposed Use:
Permit Number: B-DM13-0068
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

Date:	**10/31/2008**
Permit Type:	**CDM DEMOLITION**
Description:	**11/5/2008 11/5/2008 PHILIPS HEALTHCARE: Interior non-structural demo PHILIPS HEALTHCARE: Interior non-structural demo, less than 2700 sf 11/6/2008 PHILLIPS MEDICAL SYSTEMS: Interior demolition non tructural. PHILLIPS MEDICAL SYSTEMS: Interior demolition non tructural. 11/10/2008 HUANG RESIDENCE: Demolish swimming pool only. HUANG RESIDENCE: Demolish swimming pool only. 11/18/2008 DEMO NON BEARING WALL IN CARPORT DEMO NON BEARING WALL IN CARPORT 12/1/2008 THAT CORPORATION: Comply with code previously demolished of THAT CORPORATION: Comply with code previously demolished of 2 non structural walls. 1/14/2009 AIM DEVELOPMENT: Demolish building damaged by fire AIM DEVELOPMENT: Demolish building damaged by fire (replaces permit #B-DM07-0008) 1/20/2009 NGYUEN RESIDENCE: Pool demolition. NGYUEN RESIDENCE: Pool demolition. 1/23/2009 VO RESIDENCE: Fill in existing swimming pool VO RESIDENCE: Fill in existing swimming pool 1/23/2009 KETTLEPOP: Tenant improvement KETTLEPOP: Tenant improvement 1/27/2009 REYES RESIDENCE: Pool demolition REYES RESIDENCE: Pool demolition 1/28/2009 LAO RESIDENCE: Remove washing machine connected to kitchen LAO RESIDENCE: Remove washing machine connected to kitchen trap arm 2/24/2009 MORALES RESIDENCE: Remove existing spa and gazebo MORALES RESIDENCE: Remove existing spa and gazebo (remove electrical) PHILLIPS NUCLEAR MEDICINE: Demolish non structural walls at**
Permit Description:	
Work Class:	CDM-Int NonStr Demo
Proposed Use:	
Permit Number:	B-DM08-0067
Status:	FINALED
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	UNIVERSAL BUILDING SYSTEMS COMPANY INC.

ADJOINING PROPERTY FINDINGS

Date:	**5/12/2008**
Permit Type:	**CRR COM RE ROOF**
Description:	**5/12/2008 COMMERCIAL BUILDING: Replace BUR with new cool roof COMMERCIAL BUILDING: Replace BUR with new cool roof 5/13/2008 LAM RESIDENCE: RE-ROOF LAM RESIDENCE: Tear off shingles re-roof with Landmark 30yr 5/22/2008 TUDO RESIDENCE: REROOF TUDO RESIDENCE: TEAR OFF WOOD SHAKE, INSTALL LIGHTWEIGHT TILE ICBO# 2656 5.5/SQ COMMERCIAL BUILDING: Replace BUR with new cool roof**
Permit Description:	
Work Class:	CRR-Comm/Indst
Proposed Use:	
Permit Number:	B-RR08-0059
Status:	FINALED
Valuation:	$114,000.00
Contractor Company:	
Contractor Name:	BIGHAM TAYLOR ROOFING, INC

Date:	**10/12/2001**
Permit Type:	**B-BP**
Description:	**Installation of stand by generator in landscape area. Installation of stand by generator in landscape area., Installation of stand by generator in landscape area. , Installation of stand by generator in landscape ar**
Permit Description:	**BUILDING**
Work Class:	CAA-Comm/IndustAdd,CAA-Comm/IndustAdd&Alter
Proposed Use:	CONV_BUILDING
Permit Number:	B-BP2001-46
Status:	Issued
Valuation:	$100,000.00
Contractor Company:	
Contractor Name:	CUPERTINO ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**10/12/2001**
Permit Type:	**B-EL**
Description:	**Electrical for generator. , Electrical for generator.**
Permit Description:	**ELECTRICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-EL2001-24
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CUPERTINO ELECTRIC

Date:	**1/13/2000**
Permit Type:	**Commercial**
Description:	**Install roof condensor. Add, Install roof condensor. Tenant Improvements , Tenant Improvements Install roof condensor. Add, Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	79273BTII
Status:	Finaled
Valuation:	$42,000.00
Contractor Company:	
Contractor Name:	THERMA INC

Date:	**1/13/2000**
Permit Type:	**Commercial**
Description:	**HOOK UP CONDENSER , HOOK UP CONDENSER**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	79273EGNI
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	THERMA INC

ADJOINING PROPERTY FINDINGS

Date:	**1/13/2000**
Permit Type:	**Commercial**
Description:	**CONDENSER , CONDENSER**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	79273MGNI
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	THERMA INC

570 ALDER DR

Date:	**8/24/2020**
Permit Type:	**B_BUSINESS**
Description:	**PENSANDO, INC: C of O - Tenant Improvement for a new office including interior non-structural demolition in the workout room, offices, & adding new doors & related electrical, "Certificate of Occupancy required prior to approval for occupancy" INTERIOR MODIFICATION OF (E) OFFICE SPACE INCLUDING :INCLUDING DEMOLITION OF NON LOADBEARING INTERIORPARTITIONS AND FINISHES, CONSTRUCTION OF NEW INTERIOR DOOR AND FINISHES AND ELECTRICAL OUTLETS.**
Permit Description:	
Work Class:	TENANT IMPROVEMENT
Proposed Use:	
Permit Number:	B-BP20-0127
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	TECHNICAL BUILDERS INC

ADJOINING PROPERTY FINDINGS

Date:	**8/24/2020**
Permit Type:	**ELECTRICAL**
Description:	**PENSANDO, INC: Tenant Improvement for a new office including interior non-structural demolition in the workout room, offices, & adding new doors & related electrical, "Certificate of Occupancy required prior to approval for occupancy"**
Permit Description:	
Work Class:	ELECTRICAL
Proposed Use:	
Permit Number:	B-EL20-0160
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	TECHNICAL BUILDERS INC

Date:	**1/16/2020**
Permit Type:	**C OF O**
Description:	**PENSANDO SYSTEMS INC: General office for computer networking relocating from San Jose**
Permit Description:	
Work Class:	NEW BUSINESS
Proposed Use:	
Permit Number:	B-OC20-0011
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	PENSANDO SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **5/9/2017**
Permit Type: **CDS DEFERRED SUBMITL**
Description: **MICRON: Seismic anchorage of in row cooling units and data r**

Permit Description:
Work Class: CDS-DEF SUBMITTAL
Proposed Use:
Permit Number: B-DF17-0051
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

Date: **3/22/2017**
Permit Type: **CTI RESRCH DVLPMNT**
Description: **MICRON: Tenant Improvement to the existing data center inclu**

Permit Description:
Work Class: CTI-RESEARCH/DEV
Proposed Use:
Permit Number: B-BP17-0112
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

Date: **3/22/2017**
Permit Type: **CEL ELECTRICAL**
Description: **MICRON: Tenant Improvement to the existing data center inclu**

Permit Description:
Work Class:
Proposed Use:
Permit Number: B-EL17-0130
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

Date: **3/22/2017**
Permit Type: **CME MECHANICAL**
Description: **MICRON: Tenant Improvement to the existing data center inclu**

Permit Description:
Work Class: CME-MECHANICAL
Proposed Use:
Permit Number: B-ME17-0087
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

Date: **12/9/2016**
Permit Type: **ENCROACHMENT**
Description: **Directional Bore 3-1.25" HDPE conduits from Exist MH to new**

Permit Description:
Work Class:
Proposed Use:
Permit Number: E-EN16-0160
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: The Fishel Company

Date: **11/9/2016**
Permit Type: **ENCROACHMENT**
Description: **Pot Hole Ex. Utilities crossing Conduit**

Permit Description:
Work Class:
Proposed Use:
Permit Number: E-EN16-0148
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: The Fishel Company

ADJOINING PROPERTY FINDINGS

Date: **5/15/2014**
Permit Type: **CDS DEFERRED SUBMITL**
Description: **MICRON: Equipment anchorage**

Permit Description:
Work Class: CDS-DEF SUBMITTAL
Proposed Use:
Permit Number: B-DF14-0071
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

Date: **5/6/2014**
Permit Type: **CDS DEFERRED SUBMITL**
Description: **MICRON: Structural anchorage of generator, HVAC equipment,**

Permit Description:
Work Class: CDS-DEF SUBMITTAL
Proposed Use:
Permit Number: B-DF14-0059
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

Date: **4/15/2014**
Permit Type: **CRV REVISION**
Description: **MICRON: Add roof top chiller**

Permit Description:
Work Class: CRV-COM REV
Proposed Use:
Permit Number: B-RV14-0089
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

Date: **4/15/2014**
Permit Type: **CTO TEMP OCCUPANCY**
Description: **MICRON: Temporary occupancy for tenant improvement**

Permit Description:
Work Class: CTO-TEMP OCC
Proposed Use:
Permit Number: B-OT14-0022
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

Date: **4/2/2014**
Permit Type: **CTI RESRCH DVLPMNT**
Description: **MICRON: Research and development for computer technologies**

Permit Description:
Work Class: CTI-RESEARCH/DEV
Proposed Use:
Permit Number: B-BP13-0663
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

Date: **4/2/2014**
Permit Type: **CEL ELECTRICAL**
Description: **MICRON: Research and development for computer technologies**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL14-0186
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

Date: **4/2/2014**
Permit Type: **CME MECHANICAL**
Description: **MICRON: Research and development for computer technologies**

Permit Description:
Work Class: CME-MECHANICAL
Proposed Use:
Permit Number: B-ME14-0140
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

Date: **4/2/2014**
Permit Type: **CPL PLUMBING**
Description: **MICRON: Research and development for computer technologies**

Permit Description:
Work Class: CPL-PLUMBING
Proposed Use:
Permit Number: B-PL14-0160
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: HATHAWAY DINWIDDIE CONSTRUCTION CO

Date: **2/13/2014**
Permit Type: **CPL PLUMBING**
Description: **CBRE/RREEF: Add new City cleanout adjacent to sidewalk**

Permit Description:
Work Class: CPL-PLUMBING
Proposed Use:
Permit Number: B-PL14-0072
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: R S AMERICAN RESIDENTIAL dba RESCUE ROO

ADJOINING PROPERTY FINDINGS

Date:	**1/23/2014**
Permit Type:	**CTP TEMPORARY**
Description:	**MICRON: Research and development for computer technologies**
Permit Description:	
Work Class:	CTP-TEMPORARY
Proposed Use:	
Permit Number:	B-TP14-0004
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HATHAWAY DINWIDDIE CONSTRUCTION CO

Date:	**12/4/2013**
Permit Type:	**CDM DEMOLITION**
Description:	**MICRON: Interior non-structural demolition to prepare for t**
Permit Description:	
Work Class:	CDM-INT NONSTR DEMO
Proposed Use:	
Permit Number:	B-DM13-0069
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HATHAWAY DINWIDDIE CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

Date:	**7/22/2009**
Permit Type:	**CTI OFFICE PROF BLD**
Description:	**SPEC SPACE: Tenant improvement to prepare for future tenant 7/14/2009 TU RESIDENCE: Replace gypsum drywall TU RESIDENCE: Replace gypsum drywall 7/14/2009 VTA: New roof-top split system A/C VTA: New roof-top split system A/C 7/17/2009 ANDRES RESIDENCE: Repair fire damage ANDRES RESIDENCE: Repair fire damage 7/20/2009 7/20/2009 SOBRATO MILPITAS: Interior finish changes in two restrooms SOBRATO MILPITAS: Interior finish changes in two restrooms 7/20/2009 7/20/2009 SOBRATO MILPITAS: Interior finish changes in two restrooms SOBRATO MILPITAS: Interior finish changes in two restrooms 7/20/2009 7/20/2009 SOBRATO MILPITAS: Repair 2nd floor perimeter wood beams SOBRATO MILPITAS: Repair 2nd floor perimeter wood beams 7/20/2009 SOBRATO MILPITAS: Repair 2nd floor perimeter wood beams SOBRATO MILPITAS: Repair 2nd floor perimeter wood beams 7/20/2009 12/1/2009 SEAFOOD CITY MARKET: Tenant improvement SEAFOOD CITY MARKET: Tenant improvement 7/21/2009 7/31/2009 MADNAWAT RESIDENCE: Structural roof conversion MADNAWAT RESIDENCE: Structural roof conversion 7/21/2009 SEAGATE: Interior improvements for future tenant SEAGATE: Interior improvements for future tenant SPEC SPACE: Tenant improvement to prepare for future tenant**
Permit Description:	
Work Class:	CTI-Off/Bank/Prof
Proposed Use:	
Permit Number:	B-BP09-0358
Status:	FINALED 7/22/2009, FINALED
Valuation:	$265,726.00
Contractor Company:	
Contractor Name:	AP+I DESIGN

ADJOINING PROPERTY FINDINGS

Date:	**7/22/2009**
Permit Type:	**CEL ELECTRICAL**
Description:	**SPEC SPACE: Electrical for Tenant improvement to prepare for future tenant 7/23/2009 JOHNSON RESIDENCE: Single story addition to rear of the home JOHNSON RESIDENCE: Single story addition to rear of the home 7/24/2009 MEDERAX: Install 10kva UPS, panel and power pole MEDERAX: Install 10kva UPS, panel and power pole 7/24/2009 KLA-Tencor 5 West: storage shelving KLA-Tencor 5 West: storage shelving 7/27/2009 GEOMAX: Install new 800 amp switchboard GEOMAX: Install new 800 amp switchboard 7/28/2009 MADNAWAT RESIDENCE: Attic light and outlets, install new se MADNAWAT RESIDENCE: Attic light and outlets, install new service entrance mast 7/28/2009 NGUYEN RESIDENCE: New 200 amp electrical service NGUYEN RESIDENCE: New 200 amp electrical service 7/29/2009 7/29/2009 SHAPELL TOWN CENTER VILLAS: Comcast Power Supply, 120/240 30 SHAPELL TOWN CENTER VILLAS: Comcast Power Supply, 120/240 30 amps. 7/29/2009 HEALD COLLEGE: Sink and drain pump HEALD COLLEGE: Sink and drain pump 7/29/2009 8/3/2009 AVAYA: New sub panel and outlets in lab AVAYA: New sub panel and outlets in lab SPEC SPACE: Electrical for Tenant improvement to prepare for future tenant**

Permit Description:	
Work Class:	CEL-Electrical
Proposed Use:	
Permit Number:	B-EL09-0239
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AP+I DESIGN

ADJOINING PROPERTY FINDINGS

Date:	**7/22/2009**
Permit Type:	**CME MECHANICAL**
Description:	**SPEC SPACE: Electrical for Tenant improvement to prepare for future tenant 7/23/2009 JOHNSON RESIDENCE: Single story addition to rear of the home JOHNSON RESIDENCE: Single story addition to rear of the home 7/24/2009 4 TON CONDENSER WITH 220 POWER HOOK , COIL WEB408 7/27/2009 80K BTU furnace changeout WEB409 7/28/2009 Add A/C and evaoprative coil, replace Furnace WEB411 7/30/2009 VARIAN MEDICAL: Relocate partition and relocate two doors VARIAN MEDICAL: Relocate partition and relocate two doors 7/30/2009 MARINA FOOD: Supermarket tenant improvement (old Lucky stor MARINA FOOD: Supermarket tenant improvement (old Lucky store) SPEC SPACE: Electrical for Tenant improvement to prepare for future tenant**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	B-ME09-0165
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AP+I DESIGN

Date:	**7/22/2009**
Permit Type:	**CPL PLUMBING**
Description:	**SPEC SPACE: Plumbing for Tenant improvement to prepare for future tenant 7/23/2009 JOHNSON RESIDENCE: Single story addition to rear of the home JOHNSON RESIDENCE: Single story addition to rear of the home 7/24/2009 BRAUTIGAM RESIDENCE: Copper re-pipe, replace water heater BRAUTIGAM RESIDENCE: Copper re-pipe, replace water heater 7/27/2009 DAVIS RESIDENCE: Copper re-pipe DAVIS RESIDENCE: Copper re-pipe 7/29/2009 HEALD COLLEGE: Sink and drain pump HEALD COLLEGE: Sink and drain pump SPEC SPACE: Plumbing for Tenant improvement to prepare for future tenant**
Permit Description:	
Work Class:	CPL-Plumbing
Proposed Use:	
Permit Number:	B-PL09-0205
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AP+I DESIGN

ADJOINING PROPERTY FINDINGS

Date:	**3/25/2009**
Permit Type:	**B-ES**
Description:	
Permit Description:	**ESTIMATE**
Work Class:	CTI-Off/Bank/Prof
Proposed Use:	CTI OFFICE PROF BLD
Permit Number:	B-ES09-0013
Status:	PLAN CHECK
Valuation:	$263,000.00
Contractor Company:	
Contractor Name:	SILICON, VALLEY CA I LLC

Date:	**11/6/2008**
Permit Type:	**CDM DEMOLITION**
Description:	**11/10/2008 HUANG RESIDENCE: Demolish swimming pool only. HUANG RESIDENCE: Demolish swimming pool only. 11/18/2008 DEMO NON BEARING WALL IN CARPORT DEMO NON BEARING WALL IN CARPORT 12/1/2008 THAT CORPORATION: Comply with code previously demolished of THAT CORPORATION: Comply with code previously demolished of 2 non structural walls. 1/14/2009 AIM DEVELOPMENT: Demolish building damaged by fire AIM DEVELOPMENT: Demolish building damaged by fire (replaces permit #B-DM07-0008) 1/20/2009 NGYUEN RESIDENCE: Pool demolition. NGYUEN RESIDENCE: Pool demolition. 1/23/2009 VO RESIDENCE: Fill in existing swimming pool VO RESIDENCE: Fill in existing swimming pool 1/23/2009 KETTLEPOP: Tenant improvement KETTLEPOP: Tenant improvement 1/27/2009 REYES RESIDENCE: Pool demolition REYES RESIDENCE: Pool demolition 1/28/2009 LAO RESIDENCE: Remove washing machine connected to kitchen LAO RESIDENCE: Remove washing machine connected to kitchen trap arm 2/24/2009 MORALES RESIDENCE: Remove existing spa and gazebo MORALES RESIDENCE: Remove existing spa and gazebo (remove electrical) PHILLIPS MEDICAL SYSTEMS: Interior demolition non tructural.**
Permit Description:	
Work Class:	CDM-Int NonStr Demo
Proposed Use:	
Permit Number:	B-DM08-0069
Status:	FINALED
Valuation:	$6,000.00
Contractor Company:	
Contractor Name:	UNIVERSAL BUILDING SYSTEMS COMPANY INC.

ADJOINING PROPERTY FINDINGS

Date:	**5/12/2008**
Permit Type:	**CRR COM RE ROOF**
Description:	**5/13/2008 LAM RESIDENCE: RE-ROOF LAM RESIDENCE: Tear off shingles re-roof with Landmark 30yr 5/22/2008 TUDO RESIDENCE: REROOF TUDO RESIDENCE: TEAR OFF WOOD SHAKE, INSTALL LIGHTWEIGHT TILE ICBO# 2656 5.5/SQ COMMERCIAL BUILDING: Replace BUR with new cool roof**
Permit Description:	
Work Class:	CRR-Comm/Indst
Proposed Use:	
Permit Number:	B-RR08-0060
Status:	FINALED
Valuation:	$174,000.00
Contractor Company:	
Contractor Name:	BIGHAM TAYLOR ROOFING, INC

Date:	**8/1/2002**
Permit Type:	**B-ME**
Description:	**Philips: Relocating and adding registers for interior altera Philips: Relocating and adding registers for interior alterations, Philips: Relocating and adding registers for interior alterations , Philips: Relocating and adding registers for inter**
Permit Description:	**MECHANICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-ME2002-264
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	THERMAL MECHANICAL

ADJOINING PROPERTY FINDINGS

Date:	**7/22/2002**
Permit Type:	**B-BP**
Description:	**PHILIPS: Interior alterations. , PHILIPS: Interior alterations.**
Permit Description:	**BUILDING**
Work Class:	CAA-Comm/IndustAdd,CAA-Comm/IndustAdd&Alter
Proposed Use:	CONV_BUILDING
Permit Number:	B-BP2002-445
Status:	Finaled
Valuation:	$20,000.00
Contractor Company:	
Contractor Name:	HALLMARK CONSTRUCTION

Date:	**7/22/2002**
Permit Type:	**B-EL**
Description:	**PHILIPS: Electrical to relocate lighting fixtures. PHILIPS: Electrical to relocate lighting fixtures., PHILIPS: Electrical to relocate lighting fixtures. , PHILIPS: Electrical to relocate lighting fixtures.**
Permit Description:	**ELECTRICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-EL2002-378
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HALLMARK CONSTRUCTION

ADJOINING PROPERTY FINDINGS

BARBER LANE

1545 BARBER LANE

Date:	**2/28/2021**
Permit Type:	**REVISION**
Description:	**AT&T: Battery info has been updated. delta-6**
Permit Description:	
Work Class:	REVISION
Proposed Use:	
Permit Number:	B-RV21-0028
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	NU REV COMMUNICATIONS INC

Date:	**3/10/2020**
Permit Type:	**CAA OFFICE PROF BLD**
Description:	**AT &T: Remove (6)RRU's, install(3) new RRU's and install (n) Emerson Netxend battery cabinet w/2 strings of batteries**
Permit Description:	
Work Class:	CAA-OFF/BANK/PROF
Proposed Use:	
Permit Number:	B-BP19-0308
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	GREG DAVIS- AT & T

ADJOINING PROPERTY FINDINGS

Date:	**3/10/2020**
Permit Type:	**CEL ELECTRICAL**
Description:	**AT &T: Remove (6)RRU's, install(3) new RRU's and install (n) Emerson Netxend battery cabinet w/2 strings of batteries**

Permit Description:	
Work Class:	CEL-ELECTRICAL
Proposed Use:	
Permit Number:	B-EL20-0080
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	GREG DAVIS- AT & T

Date:	**7/23/2018**
Permit Type:	**CAA OFFICE PROF BLD**
Description:	**AT&T: Replace 9 antennas and install new string of batteries**

Permit Description:	
Work Class:	CAA-OFF/BANK/PROF
Proposed Use:	
Permit Number:	B-BP18-0161
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	WALKER CELLULAR INC

Date:	**7/23/2018**
Permit Type:	**CEL ELECTRICAL**
Description:	**AT&T: Replace 9 antennas and install new string of batteries**

Permit Description:	
Work Class:	CEL-ELECTRICAL
Proposed Use:	
Permit Number:	B-EL18-0399
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AT&T

ADJOINING PROPERTY FINDINGS

Date: **8/28/2017**
Permit Type: **COC OCCUPANCY**
Description: **DIODES INC.: Semiconductor R&D company taking over existing**

Permit Description:
Work Class: COC-OCCUPANCY
Proposed Use:
Permit Number: B-OC17-0218
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: DIODES INC.

Date: **8/25/2017**
Permit Type: **CAA OFFICE PROF BLD**
Description: **AT&T: Replace 3 RRU'S, 6 new RRU"S, 6 new antennas**

Permit Description:
Work Class: CAA-OFF/BANK/PROF
Proposed Use:
Permit Number: B-BP17-0355
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: EBI CONSULTING

Date: **8/25/2017**
Permit Type: **CEL ELECTRICAL**
Description: **AT&T: Replace 3 RRU'S, 6 new RRU"S, 6 new antennas**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL17-0417
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: EBI CONSULTING

ADJOINING PROPERTY FINDINGS

Date:	**8/15/2016**
Permit Type:	**CSG SIGN**
Description:	**DIODES: Installation of new illuminated building sign, a non**
Permit Description:	
Work Class:	CSG-WALL MOUNT SIGN
Proposed Use:	
Permit Number:	B-SG16-0047
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	K & K AMERICA INC dba SIGNS UNLIMITED

Date:	**4/11/2016**
Permit Type:	**CAA OFFICE PROF BLD**
Description:	**AT&T: Remove and replace 3 antennas at existing site.**
Permit Description:	
Work Class:	CAA-OFF/BANK/PROF
Proposed Use:	
Permit Number:	B-BP16-0057
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ERICSSON

Date:	**4/11/2016**
Permit Type:	**CEL ELECTRICAL**
Description:	**AT&T: Remove and replace 3 antennas at existing site.**
Permit Description:	
Work Class:	CEL-ELECTRICAL
Proposed Use:	
Permit Number:	B-EL16-0159
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	COMMUNICATION COMPONENT SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **2/3/2014**
Permit Type: **CAC ADDRESS CHANGE**
Description: **PERICOM: Add 518 Sycamore Drive for second entrance into bu**

Permit Description:
Work Class: CAC-ADDRESS CHNG
Proposed Use:
Permit Number: B-AC14-0001
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: PERICOM SEMICONDUCTOR CORP

Date: **9/6/2013**
Permit Type: **CSG SIGN**
Description: **PERICOM: Illuminated wall mounted sign, non-illuminated wal**

Permit Description:
Work Class: CSG-MONUMENT SIGN
Proposed Use:
Permit Number: B-SG13-0047
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: BENNETT SIGN CENTRE INC

Date: **8/22/2013**
Permit Type: **CTO TEMP OCCUPANCY**
Description: **PERICOM SEMICONDUCTOR: Temporary occupancy for entire build**

Permit Description:
Work Class: CTO-TEMP OCC
Proposed Use:
Permit Number: B-OT13-0029
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

ADJOINING PROPERTY FINDINGS

Date: **8/2/2013**
Permit Type: **CDS DEFERRED SUBMITL**
Description: **PERICOM SEMICONDUCTOR: Handrail/guardrail shop drawings**

Permit Description:
Work Class: CDS-DEF SUBMITTAL
Proposed Use:
Permit Number: B-DF13-0071
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

Date: **7/17/2013**
Permit Type: **CDS DEFERRED SUBMITL**
Description: **PERICOM SEMICONDUCTOR: Nitrogen tank anchorage, room around**

Permit Description:
Work Class: CDS-DEF SUBMITTAL
Proposed Use:
Permit Number: B-DF13-0055
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

Date: **6/12/2013**
Permit Type: **CRV REVISION**
Description: **PERICOM SEMICONDUCTOR: New water fountains layout**

Permit Description:
Work Class: CRV-COM REV
Proposed Use:
Permit Number: B-RV13-0129
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

ADJOINING PROPERTY FINDINGS

Date: **5/2/2013**
Permit Type: **CTI RESRCH DVLPMNT**
Description: **PERICOM SEMICONDUCTOR: Tenant improvements for semiconductor**

Permit Description:
Work Class: CTI-RESEARCH/DEV
Proposed Use:
Permit Number: B-BP13-0107
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

Date: **5/2/2013**
Permit Type: **CME MECHANICAL**
Description: **PERICOM SEMICONDUCTOR: Tenant improvements for semiconductor**

Permit Description:
Work Class: CME-MECHANICAL
Proposed Use:
Permit Number: B-ME13-0168
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

Date: **5/2/2013**
Permit Type: **CPL PLUMBING**
Description: **PERICOM SEMICONDUCTOR: Tenant improvements for semiconductor**

Permit Description:
Work Class: CPL-PLUMBING
Proposed Use:
Permit Number: B-PL13-0173
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

ADJOINING PROPERTY FINDINGS

Date: **5/2/2013**
Permit Type: **CEL ELECTRICAL**
Description: **PERICOM SEMICONDUCTOR: Tenant improvements for semiconductor**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL13-0173
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

Date: **4/9/2013**
Permit Type: **CTP TEMPORARY**
Description: **PERICOM SEMICONDUCTOR: Tenant improvements for semiconductor**

Permit Description:
Work Class: CTP-TEMPORARY
Proposed Use:
Permit Number: B-TP13-0008
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

Date: **3/5/2013**
Permit Type: **CDM DEMOLITION**
Description: **PERICOM SEMICONDUCTOR: Interior non-structural demolition t**

Permit Description:
Work Class: CDM-INT NONSTR DEMO
Proposed Use:
Permit Number: B-DM13-0009
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

ADJOINING PROPERTY FINDINGS

Date: **7/13/2011**
Permit Type: **CAA OFFICE PROF BLD**
Description: **AT&T: New antennas and equipment on roof**

Permit Description:
Work Class: CAA-OFF/BANK/PROF
Proposed Use:
Permit Number: B-BP11-0012
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: TRI-SQUARE CONSTRUCTION CO INC

Date: **7/13/2011**
Permit Type: **CEL ELECTRICAL**
Description: **AT&T: New antennas and equipment on roof**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL11-0068
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: TRI-SQUARE CONSTRUCTION CO INC

Date: **4/19/2011**
Permit Type: **CEL ELECTRICAL**
Description: **AT&T: Install 20 amp circuit and PBCO2 unit to supply low v**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL11-0091
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: RIDGE COMMUNICATIONS INC

ADJOINING PROPERTY FINDINGS

Date:	**5/27/2008**
Permit Type:	**CSG SIGN**
Description:	**CISCO SYSTEM: Installation of one monument sign. (directional) 5/21/2008 FIREEYE: Installation of an illuminated monument sign FIREEYE: Installation of an illuminated monument sign 5/27/2008 5/27/2008 NIELSEN: Install wall mounted sign lettering NIELSEN: Install wall mounted sign lettering CISCO SYSTEM: Installation of one monument sign. (directional)**
Permit Description:	
Work Class:	CSG-Monument Sign
Proposed Use:	
Permit Number:	B-SG08-0032
Status:	FINALED 5/27/2008, FINALED
Valuation:	$2,500.00
Contractor Company:	
Contractor Name:	CALIFORNIA SIGNS INSTALLATIONS

Date:	**4/24/2008**
Permit Type:	**CTI OFFICE PROF BLD**
Description:	**CISCO (SYCAMORE3): Improvements in break room area 4/23/2008 KOVIO: Six tools installation KOVIO: Six tools installation 4/25/2008 SEAGATE: Convert packaging area into clean work area SEAGATE: Convert packaging area into clean work area 4/28/2008 5/1/2008 CASETRONIC: Tenant improvement CASETRONIC: Tenant improvement 4/28/2008 GOLDEN ALTOS: Tenant improvement GOLDEN ALTOS: Tenant improvement 4/29/2008 LION MARKET: Replacement of (9) refrigerated cases in meat LION MARKET: Replacement of (9) refrigerated cases in meat department (same location) 4/30/2008 CONOCOPHILLIPS: Vapor recovery system CONOCOPHILLIPS: Vapor recovery system. CISCO (SYCAMORE3): Improvements in break room area**
Permit Description:	
Work Class:	CTI-Off/Bank/Prof
Proposed Use:	
Permit Number:	B-BP08-0145
Status:	FINALED 4/24/2008, FINALED
Valuation:	$14,500.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**4/24/2008**
Permit Type:	**CEL ELECTRICAL**
Description:	**CISCO (SYCAMORE3): Electrical for Improvements in break room area 4/24/2008 MAGIC TECHNOLOGIES : Electrical for installation of a Dryer MAGIC TECHNOLOGIES : Electrical for Installation of a Spin rinser dryer, BH looper, and a 4-point probe in CTDV-2 and CLEAN TUNNEL-2 area 4/24/2008 MAGIC TECHNOLOGIES: Electrical 3 machines & 22' of partitio MAGIC TECHNOLOGIES: Electrical to Install 3 machines (AFP tool, control cabinet and wafer sorter) and 22 feet of partition CISCO (SYCAMORE3): Electrical for Improvements in break room area**
Permit Description:	
Work Class:	CEL-Electrical
Proposed Use:	
Permit Number:	B-EL08-0141
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

Date:	**2/22/2008**
Permit Type:	**B-ES**
Description:	**CISCO: Storage racks CISCO: Storage racks**
Permit Description:	**ESTIMATE**
Work Class:	MES-Estimate
Proposed Use:	MES ESTIMATE
Permit Number:	B-ES08-0007
Status:	PLAN CHECK
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**2/6/2008**
Permit Type:	**CSG SIGN**
Description:	**CISCO SYSTEMS: Name and logo added to existing monument sign CISCO SYSTEMS: Name and logo added to existing monument sig**
Permit Description:	
Work Class:	CSG-Monument Sign
Proposed Use:	
Permit Number:	B-SG08-0008
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	WEIDNER ARCHITECTURAL SIGNAGE

Date:	**11/1/2007**
Permit Type:	**B-BP**
Description:	**CISCO: Installation of UPS and transformer in ups room 150 CISCO: Installation of UPS and transformer in ups room 150, B-Structural, F-Life Safety, B-Architectural, B-Electrical, Filed Plans , Issued Permit Express**
Permit Description:	**BUILDING**
Work Class:	CAA-Ind/Man NonHaz
Proposed Use:	CAA MNUFACTR NO HAZ
Permit Number:	B-BP07-0493
Status:	FINALED
Valuation:	$149,000.00
Contractor Company:	
Contractor Name:	CH REYNOLDS ELECTRIC INC.

ADJOINING PROPERTY FINDINGS

Date:	**11/1/2007**
Permit Type:	**B-EL**
Description:	**CISCO: Installation of UPS and transformer in ups room 150 CISCO: Installation of UPS and transformer in ups room 150**

Permit Description:	**ELECTRICAL**
Work Class:	CEL-Electrical
Proposed Use:	CEL ELECTRICAL
Permit Number:	B-EL07-0487
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CH REYNOLDS ELECTRIC INC.

Date:	**10/24/2007**
Permit Type:	**B-BP**
Description:	**CISCO: Interior improvement for break room in first and seco CISCO: Interior improvement for break room in first and second floor, B-Architectural, B-Prjct Coordinator, F-Life Safety, B-Electrical, Processed Plans express, Issued Permit express, Filed Plans**

Permit Description:	**BUILDING**
Work Class:	CTI-Off/Bank/Prof
Proposed Use:	CTI OFFICE PROF BLD
Permit Number:	B-BP07-0470
Status:	FINALED
Valuation:	$17,000.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**10/24/2007**
Permit Type:	**B-EL**
Description:	**CISCO: Interior improvement for break room in first and seco CISCO: Interior improvement for break room in first and second floor**
Permit Description:	**ELECTRICAL**
Work Class:	CEL-Electrical
Proposed Use:	CEL ELECTRICAL
Permit Number:	B-EL07-0473
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

Date:	**10/3/2007**
Permit Type:	**CRR COM RE ROOF**
Description:	**BARBER LANE INVESTMENTS, LLC: Overlay Existing BUR Capsheet, w/ Western Colloid Cold Process Cool Roof Maintenance, 600 sq, class A 10/10/2007 HA RESIDENCE: REROOF HA RESIDENCE: Tear off shake roofing , install sheathing, Duralite Lightweight Tile ER 1647, 29 square Casa Grande Blend 10/18/2007 10/18/2007 KAISER: Replace existing built-up roofing with new KAISER: Replace existing built-up roofing with new. Work to be done in 3 phases, permit includes additonal inspection time. See permit #B-BP07-0447 for structural repairs 11/6/2007 12/20/2007 PFLANZER RESIDENCE: Tear off Slatetile and install comp PFLANZER RESIDENCE: Tear off Slatetile and install 30 year composition, color is Tera Corta 11/15/2007 PETIT RESIDENCE: Tear off shake roof and install 40 year com PETIT RESIDENCE: Tear off shake roof and install 40 year comp. shingle 11/28/2007 VASQUEZ RESIDENCE: Tear off comp. shingle and install 30 yr. VASQUEZ RESIDENCE: Tear off comp. shingle and install 30 yr. composition shingle 12/5/2007 MENDIOLA RESIDENCE: REROOF MENDIOLA RESIDENCE: TEAR OFF TAR & GRAVEL ROOF, INSTALL TWO LAYERS OF 30# UNDERLAYMENT AND 30 YEAR COMP 12/21/2007 ARCELONA RESIDENCE: Remove clay tile, replace roofing felt ARCELONA RESIDENCE: Remove clay tile, replace roofing felt, re-install existing clay tile 1/3/2008 1/3/2008 SANCHEZ RESIDENCE: Remove comp and install metal tile roofi SANCHEZ RESIDENCE: Remove comp and install metal tile roofing system, ICBO #5026 BARBER LANE INVESTMENTS, LLC: Overlay Existing BUR Capsheet, w/ Western Colloid Cold Process Cool Roof Maintenance, 600 sq, class A**
Permit Description:	
Work Class:	CRR-Comm/Indst
Proposed Use:	
Permit Number:	B-RR07-0162
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	Enviromental Roofing

ADJOINING PROPERTY FINDINGS

Date:	**10/2/2007**
Permit Type:	**CEL ELECTRICAL**
Description:	**CISCO BLDG. SYC-03: Electrical work only (exension of existing circuits to accomodate furniture layout and outlet reconfiguration) 10/2/2007 10/2/2007 SEAGATE: Install two contamination control exhaust fans SEAGATE: Install two contamination control exhaust fans for conveyor system. 10/3/2007 SHAPELL INDUSTRIES: Electrical for subpanel installation SHAPELL INDUSTRIES: Electrical for subpanel installation 10/4/2007 JEE RESIDENCE: JEE RESIDENCE: Electrical for the construct JEE RESIDENCE: Electrical for the construction of a 2.5 story residential addition on west side of the property 10/9/2007 CALAVERAS COUNTRY ESTATE "MODEL B" /LOT 5 :Electrical for th CALAVERAS COUNTRY ESTATE "MODEL B" /LOT 5 : Electrical for the construction of a single family detached home 10/9/2007 CALAVERAS COUNTRY ESTATE " MODEL A"/LOT 4: Electrical for th CALAVERAS COUNTRY ESTATE " MODEL A"/LOT 4: Electrical for the construction of new single family detached 10/9/2007 10/9/2007 CHEZ CHRISTINA RESTAURANT: Installation of new lights. CISCO BLDG. SYC-03: Electrical work only (exension of existing circuits to accomodate furniture layout and outlet reconfiguration)**
Permit Description:	
Work Class:	CEL-Electrical
Proposed Use:	
Permit Number:	B-EL07-0440
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CH REYNOLDS ELECTRIC INC.

Date:	**7/30/2007**
Permit Type:	**B-SG**
Description:	**OPEN SOURCE SYSTEMS: Monument sign, no electrical OPEN SOURCE SYSTEMS: Monument sign, no electrical, B-Structural, B-Architectural, P-Planning, F-Life Safety, Issued Permit Express, Filed Plans**
Permit Description:	**SIGN**
Work Class:	CSG-Monument Sign
Proposed Use:	CSG SIGN
Permit Number:	B-SG07-0051
Status:	FINALED
Valuation:	$8,500.00
Contractor Company:	
Contractor Name:	COULTHARD IDENTITY, dba AMCOE SIGN COMPA

ADJOINING PROPERTY FINDINGS

Date:	**5/29/2007**
Permit Type:	**B-RV**
Description:	**OAKCREEK BUSINESS PARK: Accessible parking relocation OAKCREEK BUSINESS PARK: Revision to permit# B-BP2007-10 to relocate accessible parking due to grading, Issued Permit , Filed Plans**
Permit Description:	**REVISION**
Work Class:	CRV-Com Rev
Proposed Use:	CRV REVISION
Permit Number:	B-RV07-0076
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HOLLANDER & SMITH

Date:	**4/11/2007**
Permit Type:	**ENCROACHMENT**
Description:	**5/1/2007 6/13/2007 Install 52B cabinet with pad 5/29/2007 5/29/2007 Water line extension to Spring Valley Heights 5/1/2007**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	E-EN07-0073
Status:	COMPLETE 4/11/2007
Valuation:	$0.00
Contractor Company:	
Contractor Name:	Jim Roberts Company

ADJOINING PROPERTY FINDINGS

Date:	**4/10/2007**
Permit Type:	**B-RV**
Description:	**OAKCREEK BUSINESS PARK: Modifications to main entrance OAKCREEK BUSINESS PARK: Modifications to main entrance**

Revision approved, waiting for contractor to pick up permit

, Took In Plans Approved, ready for pick up, Filed Plans

Permit Description:	**REVISION**
Work Class:	CRV-Com Rev
Proposed Use:	CRV REVISION
Permit Number:	B-RV07-0036
Status:	FINALED
Valuation:	$18,000.00
Contractor Company:	
Contractor Name:	DENNIS KOBZA & ASSOCIATES

Date:	**3/20/2007**
Permit Type:	**B-RV**
Description:	**OAKCREEK BUSINESS PARK: Revision to permit# B-BP2007-10 OAKCREEK BUSINESS PARK: Revision to permit# B-BP2007-10 for hardscape changes only, Filed Plans , Processed Plans 1ST SUBMITTAL**

Permit Description:	**REVISION**
Work Class:	CRV-Com Rev
Proposed Use:	CRV REVISION
Permit Number:	B-RV07-0019
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HOLLANDER & SMITH

ADJOINING PROPERTY FINDINGS

Date:	**1/29/2007**
Permit Type:	**B-BP**
Description:	**OAKCREEK BUSINESS PARK: Exterior modifications OAKCREEK BUSINESS PARK: Exterior modifications, Sent For Imaging MILP0808, Filed Plans , Issued Permit 1st Submittal, Processed Plans 1st Submittal: Processed over the counter. mg, OAKCREEK BUSINESS PARK: Exterior modifications**
Permit Description:	**BUILDING**
Work Class:	CAA-Comm/IndustAdd, CAA-Comm/IndustAdd & Alter
Proposed Use:	CONV_BUILDING, CAA-Offices, Banks, Prof. Bldgs
Permit Number:	B-BP2007-10
Status:	FINALED
Valuation:	$387,000.00
Contractor Company:	
Contractor Name:	HOLLANDER & SMITH

Date:	**1/29/2007**
Permit Type:	**B-EL**
Description:	**OAKCREEK BUSINESS PARK: Electrical for exterior modification OAKCREEK BUSINESS PARK: Electrical for exterior modifications, OAKCREEK BUSINESS PARK: Electrical for exterior mo**
Permit Description:	**ELECTRICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-EL2007-42
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HOLLANDER & SMITH

ADJOINING PROPERTY FINDINGS

Date:	**3/24/2004**
Permit Type:	**B-EL**
Description:	**AT&T WIRELESS: Cell sight, electrical for 100 AMP service. AT&T WIRELESS: Cell sight, electrical for 100 AMP service., AT&T WIRELESS: Cell sight, electrical for 100 AMP service. , AT&T WIRELESS: Cell sight, electrical for 100 AMP**
Permit Description:	**ELECTRICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-EL2004-148
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DELTA GROUPS CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date:	**1/13/2004**
Permit Type:	**B-BP**
Description:	**AT&T WIRELESS: Installation of cellular equipment antennas AT&T WIRELESS: Installation of cellular equipment antennas and equipment on roof of building. I have left a message for Ted Conger to let him know that permit has been ready since Sept. for him to pick it up. According with him, they need to sign a lease for this site but they haven't been able to do it. He mentioned that maybe by next week but he is not sure. I informed him about expiration date. 10/30/03. MG 01/07/04 contractor came today trying to pull permit but special insp. wasn't complete. I have checked with Keyvan and Oliver and they want to collect special insp. before issuing permit. I have also notified contractor about expiration day for this project of 01/26/04. MG, Oliver Chan, S.E., Plan Check Engineer, phone: 408-586-3263, e-mail: ochan@ci.milpitas.ca.gov** **Drawings** **A04** **a. Outline each equipment on the plan and indicate the maximum weight. Please provide a copy of equipment cut sheets for reference and rev See Notes Building - Structura, Approved Building - MPE, Approved with Conditions: Fire - Life Safety, Approved Engineering, Kim Duncan, Junior Planner, Planning Division, phone: 408 -586-3283, e-mail: kduncan@ci.milpitas.ca.gov** **These comments reflect only plan check from the Planning Division. Please check separately with the Building, Fire and Engineering Departments reg See Notes Planning, Approved Building - Architect, Approved Building - Structura, Approved with Conditions: Planning, Keyvan Irannejad, Sr. Plan Check Engineer, phone: 408-586-3244, e-mail: kirannejad@ci.milpitas.ca.gov** **1.Show existing building type of construction . 2.light transmitting plastic panels shall comply with the requirements of section 2603 of 2001 Cali See Notes Building - Architect, AT&T WIRELESS: Installation of cellular equipment antennas and equipment on roof of building. , AT&T WIRELESS: Installation of cellular equipment**
Permit Description:	**BUILDING**
Work Class:	CAA-Comm/IndustAdd,CAA-Comm/IndustAdd&Alter
Proposed Use:	CONV_BUILDING, CAA-Misc. Structures and Other
Permit Number:	B-BP2003-552
Status:	Finaled
Valuation:	$72,000.00
Contractor Company:	
Contractor Name:	DELTA GROUPS CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date:	**12/2/2002**
Permit Type:	
Description:	**AT&T: Installation of 6 telecommunication antennas and assoc AT&T: Installation of 6 telecommunication antennas and associated equipment cabinets behind existing screen on roof top of Cisco building. AT&T:Installation of 6 telecommunication antennas and associated equipment cabinets behind existing screen on roof top of Cisco building., AT&T: Installation of 6 telecommunication antennas and associated equipment cabinets behind existing screen on roof top of Cisco building. , AT&T: Installation of 6 telecommunication antennas**
Permit Description:	
Work Class:	
Proposed Use:	CONV_PLANNING
Permit Number:	P-SA2002-108
Status:	Appr w/ Cond
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AT&T Wireless

ADJOINING PROPERTY FINDINGS

Date: **12/2/2002**
Permit Type:
Description: **AT&T:Install 6 telecommunication antennas and associated equ AT&T:Install 6 telecommunication antennas and associated equipment cabinets behind existing screen on roof top of Cisco building. AT&T: Installation of 6 telecommunication antennas and associated equipment cabinets behind existing screen on roof top of Cisco building., 1. The 2001 triennial edition of the California Code of Regulations, Title 24 (California Building Standards Code) applies to all occupancies that applied for a building permit on or after November 1, 2002.**

2. Submitted drawings are not reviewed nor ap See Notes Fire, 1. It is the responsibility of the developer to obtain any necessary encroachment permits from affected agencies or private parties. Copies of these approvals or permits must be submitted to the City of Milpitas Engineering Division. See Notes Engineering, 1. Applicable codes shall be 2001 California Building Code, CPC, CMC, CEC, and 2002 Milpitas Municipal Code. 2. All equipment weighing over 400 pounds shall be seismically anchored and braced as per 2001 CBC section 1632. Provide complete structural des See Notes Building, AT&T:Install 6 telecommunication antennas and associated equipment cabinets behind existing screen on roof top of Cisco building. , AT&T:Install 6 telecommunication antennas and asso

Permit Description:
Work Class:
Proposed Use: CONV_PLANNING
Permit Number: P-UP2002-45
Status: Appr w/ Cond
Valuation: $0.00
Contractor Company:
Contractor Name: AT&T Wireless

Date: **3/8/2001**
Permit Type: **Commercial**
Description: **NEW FA?ADE & GARDEN PATIO , NEW FA?ADE & GARDEN PATIO Miscellaneous Improvements , Miscellaneous Improvements NEW FA?ADE & GARDEN PATIO , Miscellaneous Improvements**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 81790BMIC
Status: Expired
Valuation: $82,500.00
Contractor Company:
Contractor Name: CISCO SYSTEMS

ADJOINING PROPERTY FINDINGS

Date:	**1/25/2001**
Permit Type:	**Commercial**
Description:	**PLUMBING FOR TENANT IMPROVEMENT. New, PLUMBING FOR TENANT IMPROVEMENT. III-N Non-Combustible Exterior Walls Non-Rated B Office or Professional Building, PLUMBING FOR TENANT IMPROVEMENT. New**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	81534PGNC
Status:	Expired
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CISCO SYSTEMS

Date:	**1/25/2001**
Permit Type:	**Commercial**
Description:	**REMODEL OF THE ENTIRE BUILDING. New, REMODEL OF THE ENTIRE BUILDING. III-N Non-Combustible Exterior Walls Non-Rated Tenant Improvements B Office or Professional Building, Tenant Improvements REMODEL OF THE ENTIRE BUILDING. New, Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	81534BTIC
Status:	Expired
Valuation:	$4,800,000.00
Contractor Company:	
Contractor Name:	CISCO SYSTEMS

ADJOINING PROPERTY FINDINGS

Date:	**1/25/2001**
Permit Type:	**Commercial**
Description:	**ELECTRICAL FOR TENANT IMPROVEMENT. New, ELECTRICAL FOR TENANT IMPROVEMENT. III-N Non-Combustible Exterior Walls Non-Rated B Office or Professional Building, ELECTRICAL FOR TENANT IMPROVEMENT. New**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	81534EGNC
Status:	Expired
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CISCO SYSTEMS

Date:	**1/25/2001**
Permit Type:	**Commercial**
Description:	**HVAC FOR BUILDING. New, HVAC FOR BUILDING. III-N Non-Combustible Exterior Walls Non-Rated B Office or Professional Building, HVAC FOR BUILDING. New**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	81534MGNC
Status:	Expired
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CISCO SYSTEMS

ADJOINING PROPERTY FINDINGS

Date:	**11/29/2000**
Permit Type:	**Commercial**
Description:	**TEMPORARY BUILDING PERMIT. New, TEMPORARY BUILDING PERMIT. III-N Non-Combustible Exterior Walls Non-Rated B Office or Professional Building, TEMPORARY BUILDING PERMIT. New**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	81534BTTC
Status:	Expired
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CISCO SYSTEMS

Date:	**10/9/2000**
Permit Type:	**Commercial**
Description:	**VOLUNTARY SEISMIC RETROFIT ROOF UPGRADE New, VOLUNTARY SEISMIC RETROFIT ROOF UPGRADE III-N Non-Combustible Exterior Walls Non-Rated Miscellaneous Improvements B Office or Professional Building, Miscellaneous Improvements VOLUNTARY SEISMIC RETROFIT ROOF UPGRADE New, Miscellaneous Improvements**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	80926BMIC
Status:	Issued
Valuation:	$65,000.00
Contractor Company:	
Contractor Name:	CISCO SYSTEMS

ADJOINING PROPERTY FINDINGS

Date:	**9/8/2000**
Permit Type:	**Commercial**
Description:	**DEMO INTERIOR, WALLS, CEILING AND A/C UNITS. DEMO INTERIOR, WALLS, CEILING AND A/C UNITS., DEMO INTERIOR, WALLS, CEILING AND A/C UNITS. , DEMO INTERIOR, WALLS, CEILING AND A/C UNITS.**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	81082DGNC
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CISCO SYSTEMS

Date:	**7/21/1997**
Permit Type:	**Commercial**
Description:	**ADD FIRE DAMPERS , ADD FIRE DAMPERS 5N B Office or Professional Building, ADD FIRE DAMPERS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	73276MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CLINTON HEATING & AIR CONDITIO

ADJOINING PROPERTY FINDINGS

Date:	**7/2/1997**
Permit Type:	**Commercial**
Description:	**OUTLETS, RELOCATE LIGHTS, EQUIP, PANEL , OUTLETS, RELOCATE LIGHTS, EQUIP, PANEL 5N B Office or Professional Building, OUTLETS, RELOCATE LIGHTS, EQUIP, PANEL**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	73276EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	LIBRA ELECTRIC

Date:	**7/2/1997**
Permit Type:	**Commercial**
Description:	**ADD WALLS, ELEC FOR STORAGE, COMPUTER RM , ADD WALLS, ELEC FOR STORAGE, COMPUTER RM 5N Tenant Improvements B Office or Professional Building, Tenant Improvements ADD WALLS, ELEC FOR STORAGE, COMPUTER RM , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	73276BTII
Status:	
Valuation:	$31,000.00
Contractor Company:	
Contractor Name:	C & J CONTRACTING

ADJOINING PROPERTY FINDINGS

Date: **5/29/1997**
Permit Type: **Commercial**
Description: **OUTLETS/FIXTURES , OUTLETS/FIXTURES**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 73025EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: LIBRA ELECTRIC

Date: **5/28/1997**
Permit Type: **Commercial**
Description: **TI-ADD (3) NEW ROOMS , TI-ADD (3) NEW ROOMS Tenant Improvements , Tenant Improvements TI-ADD (3) NEW ROOMS , Tenant Improvements**

Permit Description:
Work Class: CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use: CONV_BUILDING
Permit Number: 73025BTII
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name: C & J CONTRACTING

Date: **3/13/1997**
Permit Type: **Commercial**
Description: **OUTLETS, RELOCATE LIGHTS , OUTLETS, RELOCATE LIGHTS**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 72508EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: LIBRA ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**3/10/1997**
Permit Type:	**Commercial**
Description:	**WALL DEMO, NEW OFFICES , WALL DEMO, NEW OFFICES Tenant Improvements , Tenant Improvements WALL DEMO, NEW OFFICES , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	72508BTII
Status:	
Valuation:	$18,000.00
Contractor Company:	
Contractor Name:	C & J CONTRACTING

Date:	**8/29/1996**
Permit Type:	**Commercial**
Description:	**OUTLETS , OUTLETS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	71283EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SHAPLAND ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**8/27/1996**
Permit Type:	**Commercial**
Description:	**TI-BUILD NON-STRUCTURAL WALLS , TI-BUILD NON-STRUCTURAL WALLS Tenant Improvements , Tenant Improvements TI-BUILD NON-STRUCTURAL WALLS , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	71283BTII
Status:	
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	C & J CONTRACTING

Date:	**1/18/1996**
Permit Type:	**Commercial**
Description:	**ADD OUTLETS AND PANEL IN ENGINEERING LAB AND 2ND FLR PERFORMANCE LAB, ADD OUTLETS AND PANEL IN ENGINEERING , ADD OUTLETS AND PANEL IN ENGINEERING LAB AND 2ND FLR PERFORMANCE LAB**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	69844EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	J.G. ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**1/18/1996**
Permit Type:	**Commercial**
Description:	**OUTLETS IN WALL UNDER REVISION 69673 , OUTLETS IN WALL UNDER REVISION 69673**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	69847EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	C I ELECTRIC

Date:	**12/19/1995**
Permit Type:	**Commercial**
Description:	**OUTLETS , OUTLETS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	69673EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	C I ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**12/18/1995**
Permit Type:	**Commercial**
Description:	**REMOVE OLD WALL/ADD NEW WALL , REMOVE OLD WALL/ADD NEW WALL Tenant Improvements , Tenant Improvements REMOVE OLD WALL/ADD NEW WALL , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	69673BTII
Status:	
Valuation:	$27,500.00
Contractor Company:	
Contractor Name:	C & J CONTRACTING

Date:	**11/28/1995**
Permit Type:	**Commercial**
Description:	**RESTROOM FIXTURES , RESTROOM FIXTURES**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	69576PGNI
Status:	Expired
Valuation:	$0.00
Contractor Company:	
Contractor Name:	BAY AREA PLUMBING - SANTA CLAR

ADJOINING PROPERTY FINDINGS

Date:	**11/22/1995**
Permit Type:	**Commercial**
Description:	**ADA UPGRADE RESTROOMS , ADA UPGRADE RESTROOMS Tenant Improvements , Tenant Improvements ADA UPGRADE RESTROOMS , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	69576BTII
Status:	Expired
Valuation:	$17,000.00
Contractor Company:	
Contractor Name:	C & J CONTRACTING

Date:	**7/21/1995**
Permit Type:	**Commercial**
Description:	**TEAR OFF AND REPLACE ND24 A CAP , TEAR OFF AND REPLACE ND24 A CAP**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	68880BRFI
Status:	
Valuation:	$104,000.00
Contractor Company:	
Contractor Name:	ARC ROOF CORPORATION

ADJOINING PROPERTY FINDINGS

BARBER LN

1545 BARBER LN

Date:	**2/28/2021**
Permit Type:	**REVISION**
Description:	**AT&T: Battery info has been updated. delta-6**
Permit Description:	
Work Class:	REVISION
Proposed Use:	
Permit Number:	B-RV21-0028
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	NU REV COMMUNICATIONS INC

Date:	**3/10/2020**
Permit Type:	**CAA OFFICE PROF BLD**
Description:	**AT &T: Remove (6)RRU's, install(3) new RRU's and install (n) Emerson Netxend battery cabinet w/2 strings of batteries**
Permit Description:	
Work Class:	CAA-OFF/BANK/PROF
Proposed Use:	
Permit Number:	B-BP19-0308
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	GREG DAVIS- AT & T

ADJOINING PROPERTY FINDINGS

Date:	**3/10/2020**
Permit Type:	**CEL ELECTRICAL**
Description:	**AT &T: Remove (6)RRU's, install(3) new RRU's and install (n) Emerson Netxend battery cabinet w/2 strings of batteries**

Permit Description:	
Work Class:	CEL-ELECTRICAL
Proposed Use:	
Permit Number:	B-EL20-0080
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	GREG DAVIS- AT & T

Date:	**7/23/2018**
Permit Type:	**CAA OFFICE PROF BLD**
Description:	**AT&T: Replace 9 antennas and install new string of batteries**

Permit Description:	
Work Class:	CAA-OFF/BANK/PROF
Proposed Use:	
Permit Number:	B-BP18-0161
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	WALKER CELLULAR INC

Date:	**7/23/2018**
Permit Type:	**CEL ELECTRICAL**
Description:	**AT&T: Replace 9 antennas and install new string of batteries**

Permit Description:	
Work Class:	CEL-ELECTRICAL
Proposed Use:	
Permit Number:	B-EL18-0399
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AT&T

ADJOINING PROPERTY FINDINGS

Date: **8/28/2017**
Permit Type: **COC OCCUPANCY**
Description: **DIODES INC.: Semiconductor R&D company taking over existing**

Permit Description:
Work Class: COC-OCCUPANCY
Proposed Use:
Permit Number: B-OC17-0218
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: DIODES INC.

Date: **8/25/2017**
Permit Type: **CAA OFFICE PROF BLD**
Description: **AT&T: Replace 3 RRU'S, 6 new RRU"S, 6 new antennas**

Permit Description:
Work Class: CAA-OFF/BANK/PROF
Proposed Use:
Permit Number: B-BP17-0355
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: EBI CONSULTING

Date: **8/25/2017**
Permit Type: **CEL ELECTRICAL**
Description: **AT&T: Replace 3 RRU'S, 6 new RRU"S, 6 new antennas**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL17-0417
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: EBI CONSULTING

ADJOINING PROPERTY FINDINGS

Date: **8/15/2016**
Permit Type: **CSG SIGN**
Description: **DIODES: Installation of new illuminated building sign, a non**

Permit Description:
Work Class: CSG-WALL MOUNT SIGN
Proposed Use:
Permit Number: B-SG16-0047
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: K & K AMERICA INC dba SIGNS UNLIMITED

Date: **4/11/2016**
Permit Type: **CAA OFFICE PROF BLD**
Description: **AT&T: Remove and replace 3 antennas at existing site.**

Permit Description:
Work Class: CAA-OFF/BANK/PROF
Proposed Use:
Permit Number: B-BP16-0057
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: ERICSSON

Date: **4/11/2016**
Permit Type: **CEL ELECTRICAL**
Description: **AT&T: Remove and replace 3 antennas at existing site.**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL16-0159
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: COMMUNICATION COMPONENT SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **2/3/2014**
Permit Type: **CAC ADDRESS CHANGE**
Description: **PERICOM: Add 518 Sycamore Drive for second entrance into bu**

Permit Description:
Work Class: CAC-ADDRESS CHNG
Proposed Use:
Permit Number: B-AC14-0001
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: PERICOM SEMICONDUCTOR CORP

Date: **9/6/2013**
Permit Type: **CSG SIGN**
Description: **PERICOM: Illuminated wall mounted sign, non-illuminated wal**

Permit Description:
Work Class: CSG-MONUMENT SIGN
Proposed Use:
Permit Number: B-SG13-0047
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: BENNETT SIGN CENTRE INC

Date: **8/22/2013**
Permit Type: **CTO TEMP OCCUPANCY**
Description: **PERICOM SEMICONDUCTOR: Temporary occupancy for entire build**

Permit Description:
Work Class: CTO-TEMP OCC
Proposed Use:
Permit Number: B-OT13-0029
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

ADJOINING PROPERTY FINDINGS

Date: **8/2/2013**
Permit Type: **CDS DEFERRED SUBMITL**
Description: **PERICOM SEMICONDUCTOR: Handrail/guardrail shop drawings**

Permit Description:
Work Class: CDS-DEF SUBMITTAL
Proposed Use:
Permit Number: B-DF13-0071
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

Date: **7/17/2013**
Permit Type: **CDS DEFERRED SUBMITL**
Description: **PERICOM SEMICONDUCTOR: Nitrogen tank anchorage, room around**

Permit Description:
Work Class: CDS-DEF SUBMITTAL
Proposed Use:
Permit Number: B-DF13-0055
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

Date: **6/12/2013**
Permit Type: **CRV REVISION**
Description: **PERICOM SEMICONDUCTOR: New water fountains layout**

Permit Description:
Work Class: CRV-COM REV
Proposed Use:
Permit Number: B-RV13-0129
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

ADJOINING PROPERTY FINDINGS

Date: **5/2/2013**
Permit Type: **CTI RESRCH DVLPMNT**
Description: **PERICOM SEMICONDUCTOR: Tenant improvements for semiconductor**

Permit Description:
Work Class: CTI-RESEARCH/DEV
Proposed Use:
Permit Number: B-BP13-0107
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

Date: **5/2/2013**
Permit Type: **CME MECHANICAL**
Description: **PERICOM SEMICONDUCTOR: Tenant improvements for semiconductor**

Permit Description:
Work Class: CME-MECHANICAL
Proposed Use:
Permit Number: B-ME13-0168
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

Date: **5/2/2013**
Permit Type: **CPL PLUMBING**
Description: **PERICOM SEMICONDUCTOR: Tenant improvements for semiconductor**

Permit Description:
Work Class: CPL-PLUMBING
Proposed Use:
Permit Number: B-PL13-0173
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

ADJOINING PROPERTY FINDINGS

Date: **5/2/2013**
Permit Type: **CEL ELECTRICAL**
Description: **PERICOM SEMICONDUCTOR: Tenant improvements for semiconductor**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL13-0173
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

Date: **4/9/2013**
Permit Type: **CTP TEMPORARY**
Description: **PERICOM SEMICONDUCTOR: Tenant improvements for semiconductor**

Permit Description:
Work Class: CTP-TEMPORARY
Proposed Use:
Permit Number: B-TP13-0008
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

Date: **3/5/2013**
Permit Type: **CDM DEMOLITION**
Description: **PERICOM SEMICONDUCTOR: Interior non-structural demolition t**

Permit Description:
Work Class: CDM-INT NONSTR DEMO
Proposed Use:
Permit Number: B-DM13-0009
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

ADJOINING PROPERTY FINDINGS

Date: **7/13/2011**
Permit Type: **CAA OFFICE PROF BLD**
Description: **AT&T: New antennas and equipment on roof**

Permit Description:
Work Class: CAA-OFF/BANK/PROF
Proposed Use:
Permit Number: B-BP11-0012
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: TRI-SQUARE CONSTRUCTION CO INC

Date: **7/13/2011**
Permit Type: **CEL ELECTRICAL**
Description: **AT&T: New antennas and equipment on roof**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL11-0068
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: TRI-SQUARE CONSTRUCTION CO INC

Date: **4/19/2011**
Permit Type: **CEL ELECTRICAL**
Description: **AT&T: Install 20 amp circuit and PBCO2 unit to supply low v**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL11-0091
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: RIDGE COMMUNICATIONS INC

ADJOINING PROPERTY FINDINGS

Date:	**5/27/2008**
Permit Type:	**CSG SIGN**
Description:	**CISCO SYSTEM: Installation of one monument sign. (directional) 5/21/2008 FIREEYE: Installation of an illuminated monument sign FIREEYE: Installation of an illuminated monument sign 5/27/2008 5/27/2008 NIELSEN: Install wall mounted sign lettering NIELSEN: Install wall mounted sign lettering CISCO SYSTEM: Installation of one monument sign. (directional)**
Permit Description:	
Work Class:	CSG-Monument Sign
Proposed Use:	
Permit Number:	B-SG08-0032
Status:	FINALED 5/27/2008, FINALED
Valuation:	$2,500.00
Contractor Company:	
Contractor Name:	CALIFORNIA SIGNS INSTALLATIONS

Date:	**4/24/2008**
Permit Type:	**CTI OFFICE PROF BLD**
Description:	**CISCO (SYCAMORE3): Improvements in break room area 4/23/2008 KOVIO: Six tools installation KOVIO: Six tools installation 4/25/2008 SEAGATE: Convert packaging area into clean work area SEAGATE: Convert packaging area into clean work area 4/28/2008 5/1/2008 CASETRONIC: Tenant improvement CASETRONIC: Tenant improvement 4/28/2008 GOLDEN ALTOS: Tenant improvement GOLDEN ALTOS: Tenant improvement 4/29/2008 LION MARKET: Replacement of (9) refrigerated cases in meat LION MARKET: Replacement of (9) refrigerated cases in meat department (same location) 4/30/2008 CONOCOPHILLIPS: Vapor recovery system CONOCOPHILLIPS: Vapor recovery system. CISCO (SYCAMORE3): Improvements in break room area**
Permit Description:	
Work Class:	CTI-Off/Bank/Prof
Proposed Use:	
Permit Number:	B-BP08-0145
Status:	FINALED 4/24/2008, FINALED
Valuation:	$14,500.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**4/24/2008**
Permit Type:	**CEL ELECTRICAL**
Description:	**CISCO (SYCAMORE3): Electrical for Improvements in break room area 4/24/2008 MAGIC TECHNOLOGIES : Electrical for installation of a Dryer MAGIC TECHNOLOGIES : Electrical for Installation of a Spin rinser dryer, BH looper, and a 4-point probe in CTDV-2 and CLEAN TUNNEL-2 area 4/24/2008 MAGIC TECHNOLOGIES: Electrical 3 machines & 22' of partitio MAGIC TECHNOLOGIES: Electrical to Install 3 machines (AFP tool, control cabinet and wafer sorter) and 22 feet of partition CISCO (SYCAMORE3): Electrical for Improvements in break room area**
Permit Description:	
Work Class:	CEL-Electrical
Proposed Use:	
Permit Number:	B-EL08-0141
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

Date:	**2/22/2008**
Permit Type:	**B-ES**
Description:	**CISCO: Storage racks CISCO: Storage racks**
Permit Description:	**ESTIMATE**
Work Class:	MES-Estimate
Proposed Use:	MES ESTIMATE
Permit Number:	B-ES08-0007
Status:	PLAN CHECK
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**2/6/2008**
Permit Type:	**CSG SIGN**
Description:	**CISCO SYSTEMS: Name and logo added to existing monument sign CISCO SYSTEMS: Name and logo added to existing monument sig**
Permit Description:	
Work Class:	CSG-Monument Sign
Proposed Use:	
Permit Number:	B-SG08-0008
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	WEIDNER ARCHITECTURAL SIGNAGE

Date:	**11/1/2007**
Permit Type:	**B-BP**
Description:	**CISCO: Installation of UPS and transformer in ups room 150 CISCO: Installation of UPS and transformer in ups room 150, B-Structural, F-Life Safety, B-Architectural, B-Electrical, Filed Plans , Issued Permit Express**
Permit Description:	**BUILDING**
Work Class:	CAA-Ind/Man NonHaz
Proposed Use:	CAA MNUFACTR NO HAZ
Permit Number:	B-BP07-0493
Status:	FINALED
Valuation:	$149,000.00
Contractor Company:	
Contractor Name:	CH REYNOLDS ELECTRIC INC.

ADJOINING PROPERTY FINDINGS

Date:	**11/1/2007**
Permit Type:	**B-EL**
Description:	**CISCO: Installation of UPS and transformer in ups room 150 CISCO: Installation of UPS and transformer in ups room 150**
Permit Description:	**ELECTRICAL**
Work Class:	CEL-Electrical
Proposed Use:	CEL ELECTRICAL
Permit Number:	B-EL07-0487
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CH REYNOLDS ELECTRIC INC.

Date:	**10/24/2007**
Permit Type:	**B-BP**
Description:	**CISCO: Interior improvement for break room in first and seco CISCO: Interior improvement for break room in first and second floor, B-Architectural, B-Prjct Coordinator, F-Life Safety, B-Electrical, Processed Plans express, Issued Permit express, Filed Plans**
Permit Description:	**BUILDING**
Work Class:	CTI-Off/Bank/Prof
Proposed Use:	CTI OFFICE PROF BLD
Permit Number:	B-BP07-0470
Status:	FINALED
Valuation:	$17,000.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**10/24/2007**
Permit Type:	**B-EL**
Description:	**CISCO: Interior improvement for break room in first and seco CISCO: Interior improvement for break room in first and second floor**
Permit Description:	**ELECTRICAL**
Work Class:	CEL-Electrical
Proposed Use:	CEL ELECTRICAL
Permit Number:	B-EL07-0473
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DEVCON CONSTRUCTION

Date:	**10/3/2007**
Permit Type:	**CRR COM RE ROOF**
Description:	**BARBER LANE INVESTMENTS, LLC: Overlay Existing BUR Capsheet, w/ Western Colloid Cold Process Cool Roof Maintenance, 600 sq, class A 10/10/2007 HA RESIDENCE: REROOF HA RESIDENCE: Tear off shake roofing , install sheathing, Duralite Lightweight Tile ER 1647, 29 square Casa Grande Blend 10/18/2007 10/18/2007 KAISER: Replace existing built-up roofing with new KAISER: Replace existing built-up roofing with new. Work to be done in 3 phases, permit includes additonal inspection time. See permit #B-BP07-0447 for structural repairs 11/6/2007 12/20/2007 PFLANZER RESIDENCE: Tear off Slatetile and install comp PFLANZER RESIDENCE: Tear off Slatetile and install 30 year composition, color is Tera Corta 11/15/2007 PETIT RESIDENCE: Tear off shake roof and install 40 year com PETIT RESIDENCE: Tear off shake roof and install 40 year comp. shingle 11/28/2007 VASQUEZ RESIDENCE: Tear off comp. shingle and install 30 yr. VASQUEZ RESIDENCE: Tear off comp. shingle and install 30 yr. composition shingle 12/5/2007 MENDIOLA RESIDENCE: REROOF MENDIOLA RESIDENCE: TEAR OFF TAR & GRAVEL ROOF, INSTALL TWO LAYERS OF 30# UNDERLAYMENT AND 30 YEAR COMP 12/21/2007 ARCELONA RESIDENCE: Remove clay tile, replace roofing felt ARCELONA RESIDENCE: Remove clay tile, replace roofing felt, re-install existing clay tile 1/3/2008 1/3/2008 SANCHEZ RESIDENCE: Remove comp and install metal tile roofi SANCHEZ RESIDENCE: Remove comp and install metal tile roofing system, ICBO #5026 BARBER LANE INVESTMENTS, LLC: Overlay Existing BUR Capsheet, w/ Western Colloid Cold Process Cool Roof Maintenance, 600 sq, class A**
Permit Description:	
Work Class:	CRR-Comm/Indst
Proposed Use:	
Permit Number:	B-RR07-0162
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	Enviromental Roofing

ADJOINING PROPERTY FINDINGS

Date:	**10/2/2007**
Permit Type:	**CEL ELECTRICAL**
Description:	**CISCO BLDG. SYC-03: Electrical work only (exension of existing circuits to accomodate furniture layout and outlet reconfiguration) 10/2/2007 10/2/2007 SEAGATE: Install two contamination control exhaust fans SEAGATE: Install two contamination control exhaust fans for conveyor system. 10/3/2007 SHAPELL INDUSTRIES: Electrical for subpanel installation SHAPELL INDUSTRIES: Electrical for subpanel installation 10/4/2007 JEE RESIDENCE: JEE RESIDENCE: Electrical for the construct JEE RESIDENCE: Electrical for the construction of a 2.5 story residential addition on west side of the property 10/9/2007 CALAVERAS COUNTRY ESTATE "MODEL B" /LOT 5 :Electrical for th CALAVERAS COUNTRY ESTATE "MODEL B" /LOT 5 : Electrical for the construction of a single family detached home 10/9/2007 CALAVERAS COUNTRY ESTATE " MODEL A"/LOT 4: Electrical for th CALAVERAS COUNTRY ESTATE " MODEL A"/LOT 4: Electrical for the construction of new single family detached 10/9/2007 10/9/2007 CHEZ CHRISTINA RESTAURANT: Installation of new lights. CISCO BLDG. SYC-03: Electrical work only (exension of existing circuits to accomodate furniture layout and outlet reconfiguration)**
Permit Description:	
Work Class:	CEL-Electrical
Proposed Use:	
Permit Number:	B-EL07-0440
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CH REYNOLDS ELECTRIC INC.

Date:	**7/30/2007**
Permit Type:	**B-SG**
Description:	**OPEN SOURCE SYSTEMS: Monument sign, no electrical OPEN SOURCE SYSTEMS: Monument sign, no electrical, B-Structural, B-Architectural, P-Planning, F-Life Safety, Issued Permit Express, Filed Plans**
Permit Description:	**SIGN**
Work Class:	CSG-Monument Sign
Proposed Use:	CSG SIGN
Permit Number:	B-SG07-0051
Status:	FINALED
Valuation:	$8,500.00
Contractor Company:	
Contractor Name:	COULTHARD IDENTITY, dba AMCOE SIGN COMPA

ADJOINING PROPERTY FINDINGS

Date:	**5/29/2007**
Permit Type:	**B-RV**
Description:	**OAKCREEK BUSINESS PARK: Accessible parking relocation OAKCREEK BUSINESS PARK: Revision to permit# B-BP2007-10 to relocate accessible parking due to grading, Issued Permit , Filed Plans**
Permit Description:	**REVISION**
Work Class:	CRV-Com Rev
Proposed Use:	CRV REVISION
Permit Number:	B-RV07-0076
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HOLLANDER & SMITH

Date:	**4/11/2007**
Permit Type:	**ENCROACHMENT**
Description:	**5/1/2007 6/13/2007 Install 52B cabinet with pad 5/29/2007 5/29/2007 Water line extension to Spring Valley Heights 5/1/2007**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	E-EN07-0073
Status:	COMPLETE 4/11/2007
Valuation:	$0.00
Contractor Company:	
Contractor Name:	Jim Roberts Company

ADJOINING PROPERTY FINDINGS

Date:	**4/10/2007**
Permit Type:	**B-RV**
Description:	**OAKCREEK BUSINESS PARK: Modifications to main entrance OAKCREEK BUSINESS PARK: Modifications to main entrance**

Revision approved, waiting for contractor to pick up permit

, Took In Plans Approved, ready for pick up, Filed Plans

Permit Description:	**REVISION**
Work Class:	CRV-Com Rev
Proposed Use:	CRV REVISION
Permit Number:	B-RV07-0036
Status:	FINALED
Valuation:	$18,000.00
Contractor Company:	
Contractor Name:	DENNIS KOBZA & ASSOCIATES

Date:	**3/20/2007**
Permit Type:	**B-RV**
Description:	**OAKCREEK BUSINESS PARK: Revision to permit# B-BP2007-10 OAKCREEK BUSINESS PARK: Revision to permit# B-BP2007-10 for hardscape changes only, Filed Plans , Processed Plans 1ST SUBMITTAL**

Permit Description:	**REVISION**
Work Class:	CRV-Com Rev
Proposed Use:	CRV REVISION
Permit Number:	B-RV07-0019
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HOLLANDER & SMITH

ADJOINING PROPERTY FINDINGS

Date:	**1/29/2007**
Permit Type:	**B-BP**
Description:	**OAKCREEK BUSINESS PARK: Exterior modifications OAKCREEK BUSINESS PARK: Exterior modifications, Sent For Imaging MILP0808, Filed Plans , Issued Permit 1st Submittal, Processed Plans 1st Submittal: Processed over the counter. mg, OAKCREEK BUSINESS PARK: Exterior modifications**
Permit Description:	**BUILDING**
Work Class:	CAA-Comm/IndustAdd, CAA-Comm/IndustAdd & Alter
Proposed Use:	CONV_BUILDING, CAA-Offices, Banks, Prof. Bldgs
Permit Number:	B-BP2007-10
Status:	FINALED
Valuation:	$387,000.00
Contractor Company:	
Contractor Name:	HOLLANDER & SMITH

Date:	**1/29/2007**
Permit Type:	**B-EL**
Description:	**OAKCREEK BUSINESS PARK: Electrical for exterior modification OAKCREEK BUSINESS PARK: Electrical for exterior modifications, OAKCREEK BUSINESS PARK: Electrical for exterior mo**
Permit Description:	**ELECTRICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-EL2007-42
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HOLLANDER & SMITH

ADJOINING PROPERTY FINDINGS

Date:	**3/24/2004**
Permit Type:	**B-EL**
Description:	**AT&T WIRELESS: Cell sight, electrical for 100 AMP service. AT&T WIRELESS: Cell sight, electrical for 100 AMP service., AT&T WIRELESS: Cell sight, electrical for 100 AMP service. , AT&T WIRELESS: Cell sight, electrical for 100 AMP**
Permit Description:	**ELECTRICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-EL2004-148
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DELTA GROUPS CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date:	**1/13/2004**
Permit Type:	**B-BP**
Description:	**AT&T WIRELESS: Installation of cellular equipment antennas AT&T WIRELESS: Installation of cellular equipment antennas and equipment on roof of building. I have left a message for Ted Conger to let him know that permit has been ready since Sept. for him to pick it up. According with him, they need to sign a lease for this site but they haven't been able to do it. He mentioned that maybe by next week but he is not sure. I informed him about expiration date. 10/30/03. MG 01/07/04 contractor came today trying to pull permit but special insp. wasn't complete. I have checked with Keyvan and Oliver and they want to collect special insp. before issuing permit. I have also notified contractor about expiration day for this project of 01/26/04. MG, Oliver Chan, S.E., Plan Check Engineer, phone: 408-586-3263, e-mail: ochan@ci.milpitas.ca.gov** **Drawings** **A04** **a. Outline each equipment on the plan and indicate the maximum weight. Please provide a copy of equipment cut sheets for reference and rev See Notes Building - Structura, Approved Building - MPE, Approved with Conditions: Fire - Life Safety, Approved Engineering, Kim Duncan, Junior Planner, Planning Division, phone: 408 -586-3283, e-mail: kduncan@ci.milpitas.ca.gov** **These comments reflect only plan check from the Planning Division. Please check separately with the Building, Fire and Engineering Departments reg See Notes Planning, Approved Building - Architect, Approved Building - Structura, Approved with Conditions: Planning, Keyvan Irannejad, Sr. Plan Check Engineer, phone: 408-586-3244, e-mail: kirannejad@ci.milpitas.ca.gov** **1.Show existing building type of construction . 2.light transmitting plastic panels shall comply with the requirements of section 2603 of 2001 Cali See Notes Building - Architect, AT&T WIRELESS: Installation of cellular equipment antennas and equipment on roof of building. , AT&T WIRELESS: Installation of cellular equipment**
Permit Description:	**BUILDING**
Work Class:	CAA-Comm/IndustAdd,CAA-Comm/IndustAdd&Alter
Proposed Use:	CONV_BUILDING, CAA-Misc. Structures and Other
Permit Number:	B-BP2003-552
Status:	Finaled
Valuation:	$72,000.00
Contractor Company:	
Contractor Name:	DELTA GROUPS CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date:	**12/2/2002**
Permit Type:	
Description:	**AT&T: Installation of 6 telecommunication antennas and assoc AT&T: Installation of 6 telecommunication antennas and associated equipment cabinets behind existing screen on roof top of Cisco building. AT&T:Installation of 6 telecommunication antennas and associated equipment cabinets behind existing screen on roof top of Cisco building., AT&T: Installation of 6 telecommunication antennas and associated equipment cabinets behind existing screen on roof top of Cisco building. , AT&T: Installation of 6 telecommunication antennas**
Permit Description:	
Work Class:	
Proposed Use:	CONV_PLANNING
Permit Number:	P-SA2002-108
Status:	Appr w/ Cond
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AT&T Wireless

ADJOINING PROPERTY FINDINGS

Date: **12/2/2002**
Permit Type:
Description: **AT&T:Install 6 telecommunication antennas and associated equ AT&T:Install 6 telecommunication antennas and associated equipment cabinets behind existing screen on roof top of Cisco building. AT&T: Installation of 6 telecommunication antennas and associated equipment cabinets behind existing screen on roof top of Cisco building., 1. The 2001 triennial edition of the California Code of Regulations, Title 24 (California Building Standards Code) applies to all occupancies that applied for a building permit on or after November 1, 2002.**

2. Submitted drawings are not reviewed nor ap See Notes Fire, 1. It is the responsibility of the developer to obtain any necessary encroachment permits from affected agencies or private parties. Copies of these approvals or permits must be submitted to the City of Milpitas Engineering Division. See Notes Engineering, 1. Applicable codes shall be 2001 California Building Code, CPC, CMC, CEC, and 2002 Milpitas Municipal Code. 2. All equipment weighing over 400 pounds shall be seismically anchored and braced as per 2001 CBC section 1632. Provide complete structural des See Notes Building, AT&T:Install 6 telecommunication antennas and associated equipment cabinets behind existing screen on roof top of Cisco building. , AT&T:Install 6 telecommunication antennas and asso

Permit Description:
Work Class:
Proposed Use: CONV_PLANNING
Permit Number: P-UP2002-45
Status: Appr w/ Cond
Valuation: $0.00
Contractor Company:
Contractor Name: AT&T Wireless

Date: **3/8/2001**
Permit Type: **Commercial**
Description: **NEW FA?ADE & GARDEN PATIO , NEW FA?ADE & GARDEN PATIO Miscellaneous Improvements , Miscellaneous Improvements NEW FA?ADE & GARDEN PATIO , Miscellaneous Improvements**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 81790BMIC
Status: Expired
Valuation: $82,500.00
Contractor Company:
Contractor Name: CISCO SYSTEMS

ADJOINING PROPERTY FINDINGS

Date:	**1/25/2001**
Permit Type:	**Commercial**
Description:	**PLUMBING FOR TENANT IMPROVEMENT. New, PLUMBING FOR TENANT IMPROVEMENT. III-N Non-Combustible Exterior Walls Non-Rated B Office or Professional Building, PLUMBING FOR TENANT IMPROVEMENT. New**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	81534PGNC
Status:	Expired
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CISCO SYSTEMS

Date:	**1/25/2001**
Permit Type:	**Commercial**
Description:	**REMODEL OF THE ENTIRE BUILDING. New, REMODEL OF THE ENTIRE BUILDING. III-N Non-Combustible Exterior Walls Non-Rated Tenant Improvements B Office or Professional Building, Tenant Improvements REMODEL OF THE ENTIRE BUILDING. New, Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	81534BTIC
Status:	Expired
Valuation:	$4,800,000.00
Contractor Company:	
Contractor Name:	CISCO SYSTEMS

ADJOINING PROPERTY FINDINGS

Date:	**1/25/2001**
Permit Type:	**Commercial**
Description:	**ELECTRICAL FOR TENANT IMPROVEMENT. New, ELECTRICAL FOR TENANT IMPROVEMENT. III-N Non-Combustible Exterior Walls Non-Rated B Office or Professional Building, ELECTRICAL FOR TENANT IMPROVEMENT. New**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	81534EGNC
Status:	Expired
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CISCO SYSTEMS

Date:	**1/25/2001**
Permit Type:	**Commercial**
Description:	**HVAC FOR BUILDING. New, HVAC FOR BUILDING. III-N Non-Combustible Exterior Walls Non-Rated B Office or Professional Building, HVAC FOR BUILDING. New**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	81534MGNC
Status:	Expired
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CISCO SYSTEMS

ADJOINING PROPERTY FINDINGS

Date:	**11/29/2000**
Permit Type:	**Commercial**
Description:	**TEMPORARY BUILDING PERMIT. New, TEMPORARY BUILDING PERMIT. III-N Non-Combustible Exterior Walls Non-Rated B Office or Professional Building, TEMPORARY BUILDING PERMIT. New**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	81534BTTC
Status:	Expired
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CISCO SYSTEMS

Date:	**10/9/2000**
Permit Type:	**Commercial**
Description:	**VOLUNTARY SEISMIC RETROFIT ROOF UPGRADE New, VOLUNTARY SEISMIC RETROFIT ROOF UPGRADE III-N Non-Combustible Exterior Walls Non-Rated Miscellaneous Improvements B Office or Professional Building, Miscellaneous Improvements VOLUNTARY SEISMIC RETROFIT ROOF UPGRADE New, Miscellaneous Improvements**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	80926BMIC
Status:	Issued
Valuation:	$65,000.00
Contractor Company:	
Contractor Name:	CISCO SYSTEMS

ADJOINING PROPERTY FINDINGS

Date:	**9/8/2000**
Permit Type:	**Commercial**
Description:	**DEMO INTERIOR, WALLS, CEILING AND A/C UNITS. DEMO INTERIOR, WALLS, CEILING AND A/C UNITS., DEMO INTERIOR, WALLS, CEILING AND A/C UNITS. , DEMO INTERIOR, WALLS, CEILING AND A/C UNITS.**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	81082DGNC
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CISCO SYSTEMS

Date:	**7/21/1997**
Permit Type:	**Commercial**
Description:	**ADD FIRE DAMPERS , ADD FIRE DAMPERS 5N B Office or Professional Building, ADD FIRE DAMPERS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	73276MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CLINTON HEATING & AIR CONDITIO

ADJOINING PROPERTY FINDINGS

Date:	**7/2/1997**
Permit Type:	**Commercial**
Description:	**OUTLETS, RELOCATE LIGHTS, EQUIP, PANEL , OUTLETS, RELOCATE LIGHTS, EQUIP, PANEL 5N B Office or Professional Building, OUTLETS, RELOCATE LIGHTS, EQUIP, PANEL**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	73276EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	LIBRA ELECTRIC

Date:	**7/2/1997**
Permit Type:	**Commercial**
Description:	**ADD WALLS, ELEC FOR STORAGE, COMPUTER RM , ADD WALLS, ELEC FOR STORAGE, COMPUTER RM 5N Tenant Improvements B Office or Professional Building, Tenant Improvements ADD WALLS, ELEC FOR STORAGE, COMPUTER RM , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	73276BTII
Status:	
Valuation:	$31,000.00
Contractor Company:	
Contractor Name:	C & J CONTRACTING

ADJOINING PROPERTY FINDINGS

Date: **5/29/1997**
Permit Type: **Commercial**
Description: **OUTLETS/FIXTURES , OUTLETS/FIXTURES**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 73025EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: LIBRA ELECTRIC

Date: **5/28/1997**
Permit Type: **Commercial**
Description: **TI-ADD (3) NEW ROOMS , TI-ADD (3) NEW ROOMS Tenant Improvements , Tenant Improvements TI-ADD (3) NEW ROOMS , Tenant Improvements**

Permit Description:
Work Class: CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use: CONV_BUILDING
Permit Number: 73025BTII
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name: C & J CONTRACTING

Date: **3/13/1997**
Permit Type: **Commercial**
Description: **OUTLETS, RELOCATE LIGHTS , OUTLETS, RELOCATE LIGHTS**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 72508EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: LIBRA ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**3/10/1997**
Permit Type:	**Commercial**
Description:	**WALL DEMO, NEW OFFICES , WALL DEMO, NEW OFFICES Tenant Improvements , Tenant Improvements WALL DEMO, NEW OFFICES , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	72508BTII
Status:	
Valuation:	$18,000.00
Contractor Company:	
Contractor Name:	C & J CONTRACTING

Date:	**8/29/1996**
Permit Type:	**Commercial**
Description:	**OUTLETS , OUTLETS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	71283EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SHAPLAND ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**8/27/1996**
Permit Type:	**Commercial**
Description:	**TI-BUILD NON-STRUCTURAL WALLS , TI-BUILD NON-STRUCTURAL WALLS Tenant Improvements , Tenant Improvements TI-BUILD NON-STRUCTURAL WALLS , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	71283BTII
Status:	
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	C & J CONTRACTING

Date:	**1/18/1996**
Permit Type:	**Commercial**
Description:	**ADD OUTLETS AND PANEL IN ENGINEERING LAB AND 2ND FLR PERFORMANCE LAB, ADD OUTLETS AND PANEL IN ENGINEERING , ADD OUTLETS AND PANEL IN ENGINEERING LAB AND 2ND FLR PERFORMANCE LAB**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	69844EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	J.G. ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**1/18/1996**
Permit Type:	**Commercial**
Description:	**OUTLETS IN WALL UNDER REVISION 69673 , OUTLETS IN WALL UNDER REVISION 69673**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	69847EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	C I ELECTRIC

Date:	**12/19/1995**
Permit Type:	**Commercial**
Description:	**OUTLETS , OUTLETS**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	69673EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	C I ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**12/18/1995**
Permit Type:	**Commercial**
Description:	**REMOVE OLD WALL/ADD NEW WALL , REMOVE OLD WALL/ADD NEW WALL Tenant Improvements , Tenant Improvements REMOVE OLD WALL/ADD NEW WALL , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	69673BTII
Status:	
Valuation:	$27,500.00
Contractor Company:	
Contractor Name:	C & J CONTRACTING

Date:	**11/28/1995**
Permit Type:	**Commercial**
Description:	**RESTROOM FIXTURES , RESTROOM FIXTURES**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	69576PGNI
Status:	Expired
Valuation:	$0.00
Contractor Company:	
Contractor Name:	BAY AREA PLUMBING - SANTA CLAR

ADJOINING PROPERTY FINDINGS

Date:	**11/22/1995**
Permit Type:	**Commercial**
Description:	**ADA UPGRADE RESTROOMS , ADA UPGRADE RESTROOMS Tenant Improvements , Tenant Improvements ADA UPGRADE RESTROOMS , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	69576BTII
Status:	Expired
Valuation:	$17,000.00
Contractor Company:	
Contractor Name:	C & J CONTRACTING

Date:	**7/21/1995**
Permit Type:	**Commercial**
Description:	**TEAR OFF AND REPLACE ND24 A CAP , TEAR OFF AND REPLACE ND24 A CAP**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	68880BRFI
Status:	
Valuation:	$104,000.00
Contractor Company:	
Contractor Name:	ARC ROOF CORPORATION

ADJOINING PROPERTY FINDINGS

SYCAMORE DR

505 SYCAMORE DR

Date:	**6/27/2000**
Permit Type:	**Commercial**
Description:	**TEAR OFF BUILT UP ROOF // INSTALL BUILT UP ROOF W/CAP (UL# R TEAR OFF BUILT UP ROOF // INSTALL BUILT UP ROOF W/CAP (UL# R10630 N) SYSLAST, INC Rep, TEAR OFF BUILT UP ROOF // INSTALL BUILT UP ROOF W/CAP (UL# R10630 N) SYSLAST, INC , TEAR OFF BUILT UP ROOF // INSTALL BUILT UP ROOF W/ Rep**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	80411BRFC
Status:	Finaled
Valuation:	$49,700.00
Contractor Company:	
Contractor Name:	BIGHAM TAYLOR ROOFING, INC

518 SYCAMORE DR

Date:	**12/21/2018**
Permit Type:	**COC OCCUPANCY**
Description:	**SACRAMED, INC: New R & D business for electronic devices.**
Permit Description:	
Work Class:	COC-OCCUPANCY
Proposed Use:	
Permit Number:	B-OC18-0220
Status:	CANCELED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SACRAMED, INC

ADJOINING PROPERTY FINDINGS

Date: **8/12/2016**
Permit Type: **CSG SIGN**
Description: **MODULUS INCUBE LABS: Monument sign**

Permit Description:
Work Class: CSG-MONUMENT SIGN
Proposed Use:
Permit Number: B-SG16-0049
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIGABYTE GRAPHICS INCDBA FASTSIGNS

Date: **5/27/2016**
Permit Type: **CTO TEMP OCCUPANCY**
Description: **INCUBE LABS: Temporary occupancy**

Permit Description:
Work Class: CTO-TEMP OCC
Proposed Use:
Permit Number: B-OT16-0015
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: PASCAL ENGINEERING INC

Date: **4/15/2016**
Permit Type: **CRV REVISION**
Description: **INCUBE LABS: Addition of folding door between conf. room an**

Permit Description:
Work Class: CRV-COM REV
Proposed Use:
Permit Number: B-RV16-0112
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: PASCAL ENGINEERING INC

ADJOINING PROPERTY FINDINGS

Date: **4/14/2016**
Permit Type: **CRV REVISION**
Description: **INCUBE LABS: Revised location of electrical distribution pa**

Permit Description:
Work Class: CRV-COM REV
Proposed Use:
Permit Number: B-RV16-0081
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: PASCAL ENGINEERING INC

Date: **4/6/2016**
Permit Type: **CRV REVISION**
Description: **INCUBE LABS: Reverse swing of doors 13A, 13B, and 31B in ro**

Permit Description:
Work Class: CRV-COM REV
Proposed Use:
Permit Number: B-RV16-0094
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: MANOUKIAN ASSOCIATES

Date: **3/11/2016**
Permit Type: **CTI RESRCH DVLPMNT**
Description: **INCUBE LABS: Tenant improvement for new business relocating**

Permit Description:
Work Class: CTI-RESEARCH/DEV
Proposed Use:
Permit Number: B-BP15-0558
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: PASCAL ENGINEERING

ADJOINING PROPERTY FINDINGS

Date: **3/11/2016**
Permit Type: **CEL ELECTRICAL**
Description: **INCUBE LABS: Tenant improvement for new business relocating**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL16-0097
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: PASCAL ENGINEERING INC

Date: **3/11/2016**
Permit Type: **CME MECHANICAL**
Description: **INCUBE LABS: Tenant improvement for new business relocating**

Permit Description:
Work Class: CME-MECHANICAL
Proposed Use:
Permit Number: B-ME16-0073
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: PASCAL ENGINEERING INC

Date: **8/14/2014**
Permit Type: **CTI OFFICE PROF BLD**
Description: **SPEC SPACE: Tenant improvement to prepare for new tenant**

Permit Description:
Work Class: CTI-OFF/BANK/PROF
Proposed Use:
Permit Number: B-BP14-0236
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

ADJOINING PROPERTY FINDINGS

Date: **8/14/2014**
Permit Type: **CPL PLUMBING**
Description: **SPEC SPACE: Tenant improvement to prepare for new tenant**

Permit Description:
Work Class: CPL-PLUMBING
Proposed Use:
Permit Number: B-PL14-0462
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

Date: **8/14/2014**
Permit Type: **CME MECHANICAL**
Description: **SPEC SPACE: Tenant improvement to prepare for new tenant**

Permit Description:
Work Class: CME-MECHANICAL
Proposed Use:
Permit Number: B-ME14-0330
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

Date: **8/14/2014**
Permit Type: **CEL ELECTRICAL**
Description: **SPEC SPACE: Tenant improvement to prepare for new tenant**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL14-0419
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: GIDEL & KOCAL CONSTRUCTION CO INC

ADJOINING PROPERTY FINDINGS

540 SYCAMORE DR

Date:	**4/21/2009**
Permit Type:	**CAC ADDRESS CHANGE**
Description:	**INLAND AMERICAN: New address for new house PG&E meter 4/21/2009 NAWAR TRUST: Add suite numbers 200, 202 and 204 NAWAR TRUST: Add suite numbers 200, 202 and 204 5/22/2009 REALTY ASSOCIATES FUND: Create new address 1900 mccarthy blv REALTY ASSOCIATES FUND: Create new address 1900 mccarthy blvd #100 6/15/2009 1452 SOUTH MAIN STREET LLC: Addresses for 7 tenant spaces 1452 SOUTH MAIN STREET LLC: Addresses for 7 tenant spaces 6/17/2009 WU RESIDENCE: New address for in-law unit WU RESIDENCE: New address for in-law unit 7/6/2009 7/7/2009 ULFERTS CENTER: New address 794 to sub-divide 792 ULFERTS CENTER: New address 794 to sub-divide 792 12/10/2009 ADAPTEC: Address new suites #208 and #212 ADAPTEC: Address new suites #208 and #212 INLAND AMERICAN: New address for new house PG&E meter**
Permit Description:	
Work Class:	CAC-Address Chng
Proposed Use:	
Permit Number:	B-AC09-0008
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	INLAND, AMERICAN/STEPHENS

ADJOINING PROPERTY FINDINGS

Date:	**4/21/2009**
Permit Type:	**CEL ELECTRICAL**
Description:	**INLAND AMERICAN: New house panel 4/22/2009 MAI RESIDENCE: New ceiling lighting MAI RESIDENCE: New ceiling lighting. See stop work notice B-SW09-0016 4/22/2009 SOLYNDRA: Install Encap tool #3 (27 types of equipment) SOLYNDRA: Install Encap tool #3 (27 types of equipment) 4/22/2009 THUKRAL MEDICAL OFFICE: Tenant improvement. THUKRAL MEDICAL OFFICE: Tenant improvement. 4/23/2009 MUSAFAR RESIDENCE: Install can lighting, fans and switches MUSAFAR RESIDENCE: Install can lighting, fans and switches 4/24/2009 4/24/2009 ORCHARD SUPPLY HARDWARE: Replace lighting in nursery ORCHARD SUPPLY HARDWARE: Replace lighting in nursery 4/24/2009 BUTLER AMUSEMENTS: Temporary electrical for mechanical carni BUTLER AMUSEMENTS: Temporary electrical for mechanical carnival rides. 4/27/2009 HEADWAY TECHNOLOGIES: New PVDI tool install HEADWAY TECHNOLOGIES: Provide electrical to New PVDI tool install 4/27/2009 DRY CREEK APARTMENTS: Two wall heaters DRY CREEK APARTMENTS: Two wall heaters 4/27/2009 QUAN RESIDENCE: Interior remodel, including bathroom remode QUAN RESIDENCE: Interior remodel, including bathroom remodels and non structural coffers throughout the house. 4/28/2009 DRY CREEK APARTMENTS: Two wall heaters DRY CREEK APARTMENTS: Two wall heaters 4/28/2009 DRY CREEK APARTMENTS: Two wall heaters DRY CREEK APARTMENTS: Two wall heaters 4/28/2009 DRY CREEK APARTMENTS: Two wall heaters DRY CREEK APARTMENTS: Two wall heaters 4/28/2009 DRY CREEK APARTMENTS: One wall heater DRY CREEK APARTMENTS: One wall heater INLAND AMERICAN: New house panel**
Permit Description:	
Work Class:	CEL-Electrical
Proposed Use:	
Permit Number:	B-EL09-0124
Status:	FINALED 4/21/2009, FINALED
Valuation:	$8,250.00
Contractor Company:	
Contractor Name:	INLAND, AMERICAN/STEPHENS

ADJOINING PROPERTY FINDINGS

550 SYCAMORE DR

Date:	**12/22/2020**
Permit Type:	**EQUIPMENT AND RACKS**
Description:	**PSI WATER TECHNOLOGIES: Install new racking and overhead lift**
Permit Description:	
Work Class:	RACKS
Proposed Use:	
Permit Number:	B-BP20-0453
Status:	PLAN CHECK
Valuation:	$0.00
Contractor Company:	
Contractor Name:	PSI Water Technologies Inc

Date:	**10/22/2019**
Permit Type:	**C OF O**
Description:	**PSI WATER TECHNOLOGIES INC: Light weight manufacturing skid assembly business for onsite hypochlorination relocating from Campbell**
Permit Description:	
Work Class:	NEW BUSINESS
Proposed Use:	
Permit Number:	B-OC19-0176
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	PSI Water Technologies Inc

ADJOINING PROPERTY FINDINGS

Date: **7/10/2018**
Permit Type: **CAA MNUFACTR NO HAZ**
Description: **CTEMS: Pallet storage locations**

Permit Description:
Work Class: CAA-IND/MAN NONHAZ
Proposed Use:
Permit Number: B-BP18-0341
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: W. EARL THOMAS GENERAL CONTRACTOR

Date: **3/27/2018**
Permit Type: **CRV REVISION**
Description: **CTEMS: As built door locations in the storage rooms as per l**

Permit Description:
Work Class: CRV-COM REV
Proposed Use:
Permit Number: B-RV18-0116
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: W. EARL THOMAS GENERAL CONTRACTOR

Date: **1/8/2018**
Permit Type: **CAA MNUFACTR NO HAZ**
Description: **CTEMS: Adding non-structural walls to create offices, assemb**

Permit Description:
Work Class: CAA-IND/MAN NONHAZ
Proposed Use:
Permit Number: B-BP17-0587
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: MOMENTUM A&E INC

ADJOINING PROPERTY FINDINGS

Date: **1/8/2018**
Permit Type: **CEL ELECTRICAL**
Description: **CTEMS: Adding non-structural walls to create offices, assemb**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL18-0006
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: MOMENTUM A&E INC

Date: **7/24/2017**
Permit Type: **COC OCCUPANCY**
Description: **CTEMS, INC: Electronic assembly business expanding within Mi**

Permit Description:
Work Class: COC-OCCUPANCY
Proposed Use:
Permit Number: B-OC17-0178
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: CTEMS, INC

Date: **4/27/2017**
Permit Type: **CDM DEMOLITION**
Description: **RURAL METRO / AMERICAN MEDICAL RESPONSE: Removal of electric**

Permit Description:
Work Class: CDM-MISC
Proposed Use:
Permit Number: B-DM17-0032
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: RURAL METRO/AMERICAN MEDICAL RESPONSE

ADJOINING PROPERTY FINDINGS

Date: **3/6/2017**
Permit Type: **CNC NON COMPLIANCE**
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: B-NC17-0010
Status: PENDING
Valuation: $0.00
Contractor Company:
Contractor Name: INLAND AMERICAN/STEPHENS

Date: **9/17/2014**
Permit Type: **CDM DEMOLITION**
Description: **RURAL METRO AMBULANCE: Remove two above ground tanks (one 1**

Permit Description:
Work Class: CODE ENFR
Proposed Use:
Permit Number: B-DM14-0057
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: IRBY CORPORATION

Date: **8/28/2014**
Permit Type: **CDM DEMOLITION**
Description: **Rural Metro Ambulance: Removal of two car lift**

Permit Description:
Work Class: CODE ENFR
Proposed Use:
Permit Number: B-DM14-0055
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: IRBY CORPORATION

ADJOINING PROPERTY FINDINGS

Date: **12/20/2013**
Permit Type: **CAA AUTO RP GAS STN**
Description: **RURAL METRO AMBULANCE SERVICE: Install two vehicle lifts**

Permit Description:
Work Class: CAA-AUTO REPAIR/GAS
Proposed Use:
Permit Number: B-BP13-0671
Status: EXPIRED
Valuation: $0.00
Contractor Company:
Contractor Name: IRBY CORPORATION dba CENTRAL EQUIPMENT S

Date: **8/26/2013**
Permit Type: **CNC NON COMPLIANCE**
Description: **RURAL METRO: Vehicle lifts, oil tank, and waste oil tank wi**

Permit Description:
Work Class: CNC NON COMPLIANCE
Proposed Use:
Permit Number: B-NC13-0047
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: INLAND AMERICAN/STEPHENS

Date: **10/12/2011**
Permit Type: **COC OCCUPANCY**
Description: **RURAL/METRO OF NORTHERN CALIFORNIA: Occupancy permit for wa**

Permit Description:
Work Class: COC-OCCUPANCY
Proposed Use:
Permit Number: B-OC11-0186
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: RURAL/METRO OF NORTHERN CALIFORNIA INC

ADJOINING PROPERTY FINDINGS

Date:	**6/26/2006**
Permit Type:	**B-ME**
Description:	**SYCAMORE PLUS: Replace 2 like for like 7 1/2units and remove SYCAMORE PLUS: Replace 2 like for like 7 1/2units and remove 5 additional units, SYCAMORE PLUS: Replace 2 like for like 7 1/2units and remove 5 additional units , SYCAMORE PLUS: Replace 2 like for like 7 1/2units**
Permit Description:	**MECHANICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-ME2006-271
Status:	Issued
Valuation:	$18,481.00
Contractor Company:	
Contractor Name:	GOSAL HEATING & AIR CONDITIONI

Date:	**10/31/2005**
Permit Type:	**B-OC**
Description:	**TELESYSTEMS INTERNATIONAL CORPORATION: OCCUPANCY TELESYSTEMS INTERNATIONAL CORPORATION: OCCUPANCY, TELESYSTEMS INTERNATIONAL CORPORATION: OCCUPANCY , TELESYSTEMS INTERNATIONAL CORPORATION: OCCUPANCY**
Permit Description:	**OCCUPANCY**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-OC2005-309
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	TeleSystems International Corp

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2005**
Permit Type:	**B-OC**
Description:	**TSI TECHNOLOGY, INC. : Certificate of occupancy TSI TECHNOLOGY, INC. : Certificate of occupancy, TSI TECHNOLOGY, INC. : Certificate of occupancy , TSI TECHNOLOGY, INC. : Certificate of occupancy**
Permit Description:	**OCCUPANCY**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-OC2005-162
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	TSI TECHNOLOGY, INC.

Date:	**4/11/2003**
Permit Type:	**B-OC**
Description:	**TECHNICAL SERVICE CORP: Occupancy Inspection TECHNICAL SERVICE CORP: Occupancy Inspection, TECHNICAL SERVICE CORP: Occupancy Inspection , TECHNICAL SERVICE CORP: Occupancy Inspection**
Permit Description:	**OCCUPANCY**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-OC2003-132
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	Technical Service Corp.

ADJOINING PROPERTY FINDINGS

Date:	**6/26/2002**
Permit Type:	**B-ME**
Description:	**OPTOMA: Mechanical for roof top unit. , OPTOMA: Mechanical for roof top unit.**
Permit Description:	**MECHANICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-ME2002-208
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FUTURE AIR

Date:	**6/20/2002**
Permit Type:	**B-EL**
Description:	**OPTOMA: Electrical for tenant improvement (addition of offic OPTOMA: Electrical for tenant improvement (addition of office space lights & plugs), OPTOMA: Electrical for tenant improvement (addition of office space lights & plugs) , OPTOMA: Electrical for tenant improvement (additio**
Permit Description:	**ELECTRICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-EL2002-318
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SERRANO ELECTRIC INC

ADJOINING PROPERTY FINDINGS

Date:	**6/7/2002**
Permit Type:	**B-BP**
Description:	**OPTOMA TECHNOLOGY: Tenant improvement (2 new rooms and rooft OPTOMA TECHNOLOGY: Tenant improvement (2 new rooms and rooftop a/c unit), OPTOMA TECHNOLOGY: Tenant improvement (2 new rooms and rooftop a/c unit) , OPTOMA TECHNOLOGY: Tenant improvement (2 new rooms**
Permit Description:	**BUILDING**
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	B-BP2002-330
Status:	Finaled
Valuation:	$41,500.00
Contractor Company:	
Contractor Name:	TECHNICAL BUILDERS INC

Date:	**6/16/2000**
Permit Type:	**Commercial**
Description:	**REPLACE THREE 5 TON A/C , REPLACE THREE 5 TON A/C**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	80299MGNC
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	LMS, INC

ADJOINING PROPERTY FINDINGS

Date:	**6/5/2000**
Permit Type:	**Commercial**
Description:	**INSTALL RACK SHELVING , INSTALL RACK SHELVING Accessory Structure , Accessory Structure INSTALL RACK SHELVING , Accessory Structure**

Permit Description:	
Work Class:	Accessory Structure
Proposed Use:	CONV_BUILDING
Permit Number:	79990BASI
Status:	Expired
Valuation:	$9,500.00
Contractor Company:	
Contractor Name:	TECHNICAL BUILDERS INC

Date:	**4/7/2000**
Permit Type:	**Commercial**
Description:	**OUTLETS/FIXTURES/PNL/SERVICES Add, OUTLETS/FIXTURES/PNL/SERVICES III-1HR Non-Combustible Exterior Walls One Hour B Office or Professional Building, OUTLETS/FIXTURES/PNL/SERVICES Add**

Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	79536EGNI
Status:	Expired
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CTX - OPTO

ADJOINING PROPERTY FINDINGS

Date:	**4/7/2000**
Permit Type:	**Commercial**
Description:	**TI - ADD OFFICES, ELECTRIC, HVAC Add, TI - ADD OFFICES, ELECTRIC, HVAC III-1HR Non-Combustible Exterior Walls One Hour Tenant Improvements B Office or Professional Building, Tenant Improvements TI - ADD OFFICES, ELECTRIC, HVAC Add, Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	79536BTII
Status:	Expired
Valuation:	$64,000.00
Contractor Company:	
Contractor Name:	CTX - OPTO

Date:	**4/7/2000**
Permit Type:	**Commercial**
Description:	**TI - MECH Add, TI - MECH III-1HR Non-Combustible Exterior Walls One Hour B Office or Professional Building, TI - MECH Add**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	79536MGNI
Status:	Expired
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CTX - OPTO

ADJOINING PROPERTY FINDINGS

Date:	**4/19/1999**
Permit Type:	**Commercial**
Description:	**T/O;INSTALL MANVILL 3PLY MINERAL SULFATE SPEC #3GNC, T/O;INSTALL MANVILL 3PLY MINERAL SULFATE , T/O;INSTALL MANVILL 3PLY MINERAL SULFATE SPEC #3GNC**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	77501BRFC
Status:	
Valuation:	$77,936.00
Contractor Company:	
Contractor Name:	STARCRAFT ROOF SERVICE, INC

Date:	**6/11/1998**
Permit Type:	**Commercial**
Description:	**THERMAL PROCESSING UNIT TRAINING, THERMAL PROCESSING UNIT Tenant Improvements , Tenant Improvements THERMAL PROCESSING UNIT TRAINING, Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	75445BTII
Status:	
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	APEXUS CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **6/11/1998**
Permit Type: **Commercial**
Description: **VENT FAN , VENT FAN**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 75445EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: APEXUS CONSTRUCTION INC

Date: **6/11/1998**
Permit Type: **Commercial**
Description: **VENT SYSTEM , VENT SYSTEM**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 75445MGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: APEXUS CONSTRUCTION INC

Date: **7/31/1997**
Permit Type: **Commercial**
Description: **HOOK-UP EXHAUST FAN ON ROOF , HOOK-UP EXHAUST FAN ON ROOF**

Permit Description:
Work Class:
Proposed Use: CONV_BUILDING
Permit Number: 73341EGNI
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AA LIGHTING & ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**7/10/1997**
Permit Type:	**Commercial**
Description:	**ADD ROOF MOUNTED EXHAUST FAN , ADD ROOF MOUNTED EXHAUST FAN Tenant Improvements , Tenant Improvements ADD ROOF MOUNTED EXHAUST FAN , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	73341BTII
Status:	
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	FUTURE AIR

Date:	**7/10/1997**
Permit Type:	**Commercial**
Description:	**EXHAUST FAN , EXHAUST FAN**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	73341MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FUTURE AIR

ADJOINING PROPERTY FINDINGS

Date:	**3/25/1997**
Permit Type:	**Commercial**
Description:	**PALLET RACK INSTALLATION , PALLET RACK INSTALLATION Tenant Improvements , Tenant Improvements PALLET RACK INSTALLATION , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	72626BTII
Status:	
Valuation:	$2,500.00
Contractor Company:	
Contractor Name:	DUPLAN CONSTRUCTION

Date:	**3/12/1997**
Permit Type:	**Commercial**
Description:	**DUCTWORK , DUCTWORK**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	72407MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FUTURE AIR

Date:	**3/7/1997**
Permit Type:	**Commercial**
Description:	**TI-ELECTRIC , TI-ELECTRIC**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	72407EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SAN JOSE ELECTRIC/FRANK ANDRE

ADJOINING PROPERTY FINDINGS

Date:	**2/20/1997**
Permit Type:	**Commercial**
Description:	**INTERIOR REMODEL, WALLS, ELEC, DUCTS , INTERIOR REMODEL, WALLS, ELEC, DUCTS Tenant Improvements , Tenant Improvements INTERIOR REMODEL, WALLS, ELEC, DUCTS , Tenant Improvements**
Permit Description:	
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING
Permit Number:	72407BTII
Status:	
Valuation:	$160,000.00
Contractor Company:	
Contractor Name:	DUPLAN CONSTRUCTION

Date:	**7/5/1995**
Permit Type:	**Commercial**
Description:	**GREENHECK EXPLOSIONPROOF FAN , GREENHECK EXPLOSIONPROOF FAN**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	68512MGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AIR SYSTEMS ACQUISITION INC/db

Date:	**5/18/1995**
Permit Type:	**Commercial**
Description:	**HOOK UP EXHAUST FAN , HOOK UP EXHAUST FAN**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	68512EGNI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MCINTIRE ELECTRIC

ADJOINING PROPERTY FINDINGS

576 SYCAMORE DR

Date:	**1/7/2019**
Permit Type:	**CTI OFFICE PROF BLD**
Description:	**CTEMS, INC: Create 1,260sf cleanroom near administrative offices in existing 19000sf electronics assembly building.**

Permit Description:	
Work Class:	CTI-OFF/BANK/PROF
Proposed Use:	
Permit Number:	B-BP19-0008
Status:	PLAN CHECK
Valuation:	$0.00
Contractor Company:	
Contractor Name:	W. EARL THOMAS GENERAL CONTRACTOR

Date:	**10/30/2018**
Permit Type:	**CRV REVISION**
Description:	**CSTEMS INC: Revision to EV charger access ramp (B-EV18-0010/**

Permit Description:	
Work Class:	CRV-COM REV
Proposed Use:	
Permit Number:	B-RV18-0273
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CUPERTINO ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**7/30/2018**
Permit Type:	**CEV COMMERCIAL EV**
Description:	**CSTEMS INC.: Installation of 6 new EV Chargers, (n) 400 amp**

Permit Description:	
Work Class:	CEV COMERCIAL
Proposed Use:	
Permit Number:	B-EV18-0010
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CUPERTINO ELECTRIC

Date:	**7/30/2018**
Permit Type:	**CAA OFFICE PROF BLD**
Description:	**CSTEMS INC.: Installation of 6 new EV Chargers, (n) 400 amp**

Permit Description:	
Work Class:	CAA-OFF/BANK/PROF
Proposed Use:	
Permit Number:	B-BP18-0197
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CUPERTINO ELECTRIC

Date:	**7/30/2018**
Permit Type:	**CEL ELECTRICAL**
Description:	**CSTEMS INC.: Installation of 6 new EV Chargers, (n) 400 amp**

Permit Description:	
Work Class:	CEL-ELECTRICAL
Proposed Use:	
Permit Number:	B-EL18-0413
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CUPERTINO ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **7/24/2017**
Permit Type: **CDM DEMOLITION**
Description: **CTEMS, INC.: Removal of pallet racking system.**

Permit Description:
Work Class: CDM-MISC
Proposed Use:
Permit Number: B-DM17-0050
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: CTEMS, INC.

Date: **6/28/2017**
Permit Type: **CEL ELECTRICAL**
Description: **CTEMS, Inc: Removal of drop cords and replace with hard wiri**

Permit Description:
Work Class: CEL-ELECTRICAL
Proposed Use:
Permit Number: B-EL17-0329
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: CTEMS, INC.

Date: **9/16/2013**
Permit Type: **COC OCCUPANCY**
Description: **CTEMS, INC: Electronic assembly business relocating within M**

Permit Description:
Work Class: COC-OCCUPANCY
Proposed Use:
Permit Number: B-OC13-0161
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name: CTEMS, INC

ADJOINING PROPERTY FINDINGS

Date:	**3/2/2006**
Permit Type:	**B-BP**
Description:	**AMPHENOL TCS: Racking installation Fees have been paid. Applicant to provide an authorization letter from owner. MG, AMPHENOL TCS: Racking installation , AMPHENOL TCS: Racking installation**
Permit Description:	**BUILDING**
Work Class:	CAA-Comm/IndustAdd, CAA-Comm/IndustAdd & Alter
Proposed Use:	CONV_BUILDING, CAA-Industrial/Manufacturing
Permit Number:	B-BP2006-110
Status:	Issued
Valuation:	$20,000.00
Contractor Company:	
Contractor Name:	AMPHENOL TCS

Date:	**11/30/2005**
Permit Type:	**B-RV**
Description:	**TERADYNE:Revision for tenant improvement , TERADYNE:Revision for tenant improvement**
Permit Description:	**REVISION**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-RV2005-260
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	OPI Commercial Builders

ADJOINING PROPERTY FINDINGS

Date:	**11/14/2005**
Permit Type:	**B-BP**
Description:	**AMPHENOL TCS: Tenant improvement 3/6/06: Sewer treatment plant fee invoice at counter to be paid before inspection. 01/27/06 Today we have received a request to change the name of this tenant from Teradyne to Amphenol. OK per Leon. See letter in folder. MG, AMPHENOL TCS: Tenant improvement , AMPHENOL TCS: Tenant improvement**
Permit Description:	**BUILDING**
Work Class:	CTI-Comm/Indust Tena, CTI-Comm/Indust Tenant Impro
Proposed Use:	CONV_BUILDING, CTI-Offices, Banks, Prof. Bldgs
Permit Number:	B-BP2005-612
Status:	Issued
Valuation:	$20,000.00
Contractor Company:	
Contractor Name:	OPI Commercial Builders

Date:	**11/14/2005**
Permit Type:	**B-EL**
Description:	**TERADYNE: Electrical for tenant improvement TERADYNE: Electrical for tenant improvement, TERADYNE: Electrical for tenant improvement , TERADYNE: Electrical for tenant improvement**
Permit Description:	**ELECTRICAL**
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	B-EL2005-482
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	OPI Commercial Builders

ADJOINING PROPERTY FINDINGS

Date:	**3/30/1995**
Permit Type:	**Commercial**
Description:	**CERTIFICATE OF OCCUPANCY INSPECTION , CERTIFICATE OF OCCUPANCY INSPECTION**
Permit Description:	
Work Class:	
Proposed Use:	CONV_BUILDING
Permit Number:	68281XOCI
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeymen:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use (s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: $1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

APPENDIX H

PROPERTY TAX MAP REPORT

Duke - Sycamore
501sycamore Rd
Milpitas, CA 95035

Inquiry Number: 6649058.2
September 07, 2021

The EDR Property Tax Map Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

NO COVERAGE

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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APPENDIX I

SITE RECONNAISSANCE PHOTOGRAPHS

APPENDIX J
PHOTOGRAPH LOG

Project Name: 475,501, 525 Sycamore Road
Project Number: 093-DUKE-063
Client: Duke Realty
Location: Milpitas, California

Photo No: 1	
Photo Date: 9/1/2021	
Orientation: North	
Description: Outside of 475 Sycamore Drive.	

Photo No: 2	
Photo Date: 9/1/2021	
Orientation:	
Description: Chemical Storage inside of 475 Sycamore Drive.	

APPENDIX J
PHOTOGRAPH LOG

Project Name: 475,501, 525 Sycamore Road
Project Number: 093-DUKE-063

Client: Duke Realty
Location: Milpitas, California

Photo No: 3	
Photo Date: 9/1/2021	
Description: North Outside of 501 Sycamore Drive.	

Photo No: 4	
Photo Date: 9/1/2021	
Description: Electrical panels inside of 501 Sycamore Drive.	

APPENDIX J
PHOTOGRAPH LOG

Project Name: 475,501, 525 Sycamore Road
Project Number: 093-DUKE-063

Client: Duke Realty
Location: Milpitas, California

Photo No: 5	
Photo Date: 7/8/2021	
Description: Northwest Outside of 525 Sycamore Drive.	

Photo No: 6	
Photo Date: 8/1/2021	
Description: Flammable liquid storage cabinet in 525 Sycamore Drive.	

APEX

APPENDIX J
PHOTOGRAPH LOG

Project Name: 475,501, 525 Sycamore Road
Project Number: 093-DUKE-063

Client: Duke Realty
Location: Milpitas, California

Photo No: 7	
Photo Date: 7/8/2021	
Description: South Biohazard storage area for 525 Sycamore Drive.	

Photo No: 8	
Photo Date: 8/1/2021	
Description: South Liquid argon stored in locked, fenced area on north side of the building.	

APPENDIX E

NOISE DATA

Noise Measurement Survey – 24 HR

Project Number: MLP1902.11
Project Name: 475 Sycamore Dr. Ind.

Test Personnel: Moe Abushanab
Equipment: Spark 706RC (SN:18903)

Site Number: LT-1 Date: 9/22/2022

Time: From 1:00 p.m. To 1:00 p.m.

Site Location: Northeast corner of project site on a tree.

Primary Noise Sources: Constant traffic on I-880
Occasional aircraft noise
Occasional parking lot activities

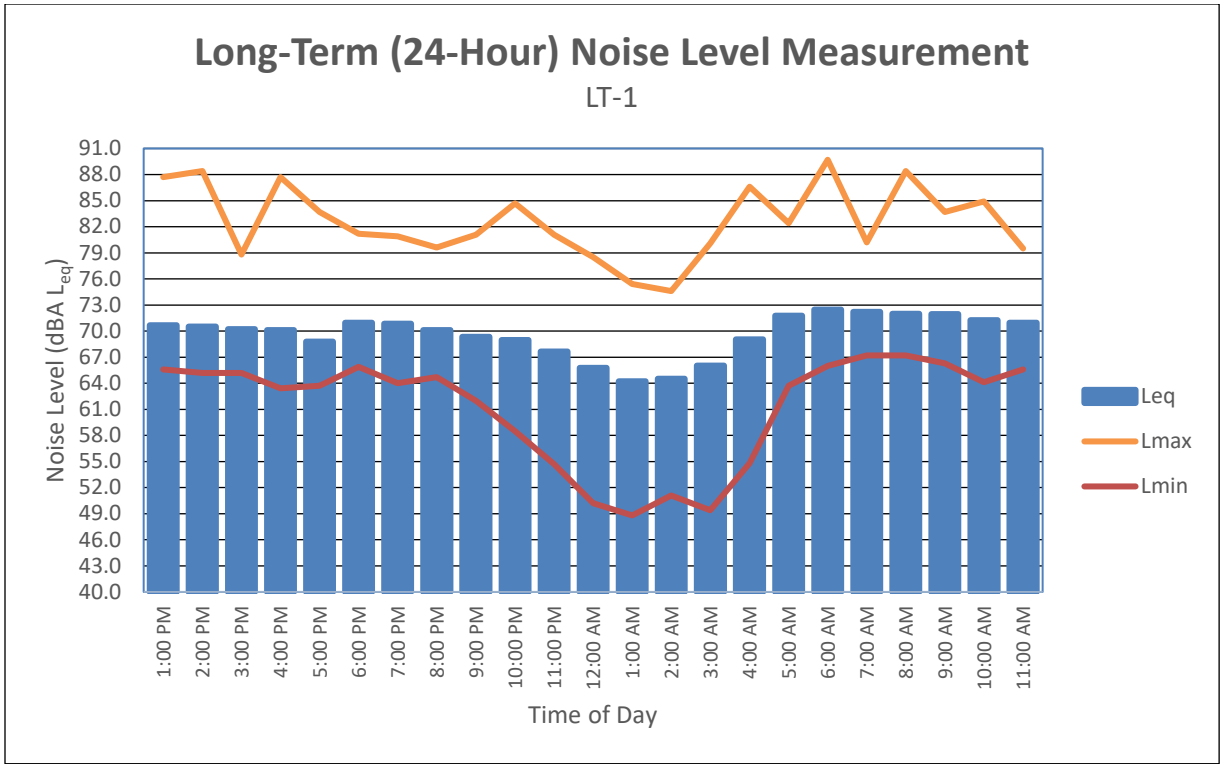
Comments:

Photo:

Long-Term (24-Hour) Noise Level Measurement Results at LT-1

Start Time	Date	Noise Level (dBA)		
		L_{eq}	L_{max}	L_{min}
1:00 PM	9/22/2022	70.7	87.7	65.6
2:00 PM	9/22/2022	70.5	88.4	65.2
3:00 PM	9/22/2022	70.2	78.8	65.2
4:00 PM	9/22/2022	70.1	87.7	63.4
5:00 PM	9/22/2022	68.8	83.7	63.7
6:00 PM	9/22/2022	71.0	81.2	65.9
7:00 PM	9/22/2022	70.8	80.9	64.0
8:00 PM	9/22/2022	70.1	79.6	64.7
9:00 PM	9/22/2022	69.4	81.1	62.0
10:00 PM	9/22/2022	69.0	84.7	58.5
11:00 PM	9/22/2022	67.7	81.1	54.7
12:00 AM	9/23/2022	65.8	78.5	50.2
1:00 AM	9/23/2022	64.2	75.4	48.8
2:00 AM	9/23/2022	64.5	74.6	51.1
3:00 AM	9/23/2022	66.0	80.1	49.4
4:00 AM	9/23/2022	69.1	86.6	54.8
5:00 AM	9/23/2022	71.8	82.4	63.7
6:00 AM	9/23/2022	72.5	89.7	66.0
7:00 AM	9/23/2022	72.2	80.2	67.2
8:00 AM	9/23/2022	72.0	88.4	67.2
9:00 AM	9/23/2022	72.0	83.7	66.3
10:00 AM	9/23/2022	71.2	84.9	64.1
11:00 AM	9/23/2022	71.0	79.5	65.6
12:00 PM	9/23/2022	70.8	77.4	65.1

Source: Compiled by LSA Associates, Inc. (2022).
dBA = A-weighted decibel
L_{eq} = equivalent continuous sound level
L_{max} = maximum instantaneous noise level
L_{min} = minimum measured sound level


Long-Term (24-Hour) Noise Level Measurement
LT-1
Noise Level (dBA Leq)
91.0
88.0
85.0
82.0
79.0
76.0
73.0
70.0
67.0
64.0
61.0
58.0
55.0
52.0
49.0
46.0
43.0
40.0
1:00 PM
2:00 PM
3:00 PM
4:00 PM
5:00 PM
6:00 PM
7:00 PM
8:00 PM
9:00 PM
10:00 PM
11:00 PM
12:00 AM
1:00 AM
2:00 AM
3:00 AM
4:00 AM
5:00 AM
6:00 AM
7:00 AM
8:00 AM
9:00 AM
10:00 AM
11:00 AM
Time of Day
Leq
Lmax
Lmin

Noise Measurement Survey – 24 HR

Project Number: MLP1902.11
Project Name: 475 Sycamore Dr. Ind.

Test Personnel: Moe Abushanab
Equipment: Spark 706RC (SN:18904)

Site Number: LT-2 Date: 9/22/2022

Time: From 1:00 p.m. To 1:00 p.m.

Site Location: Northeast corner of project site on a tree.

Primary Noise Sources: Fan noise from adjacent property (west)
Faint traffic, occasional parking lot activities, birds

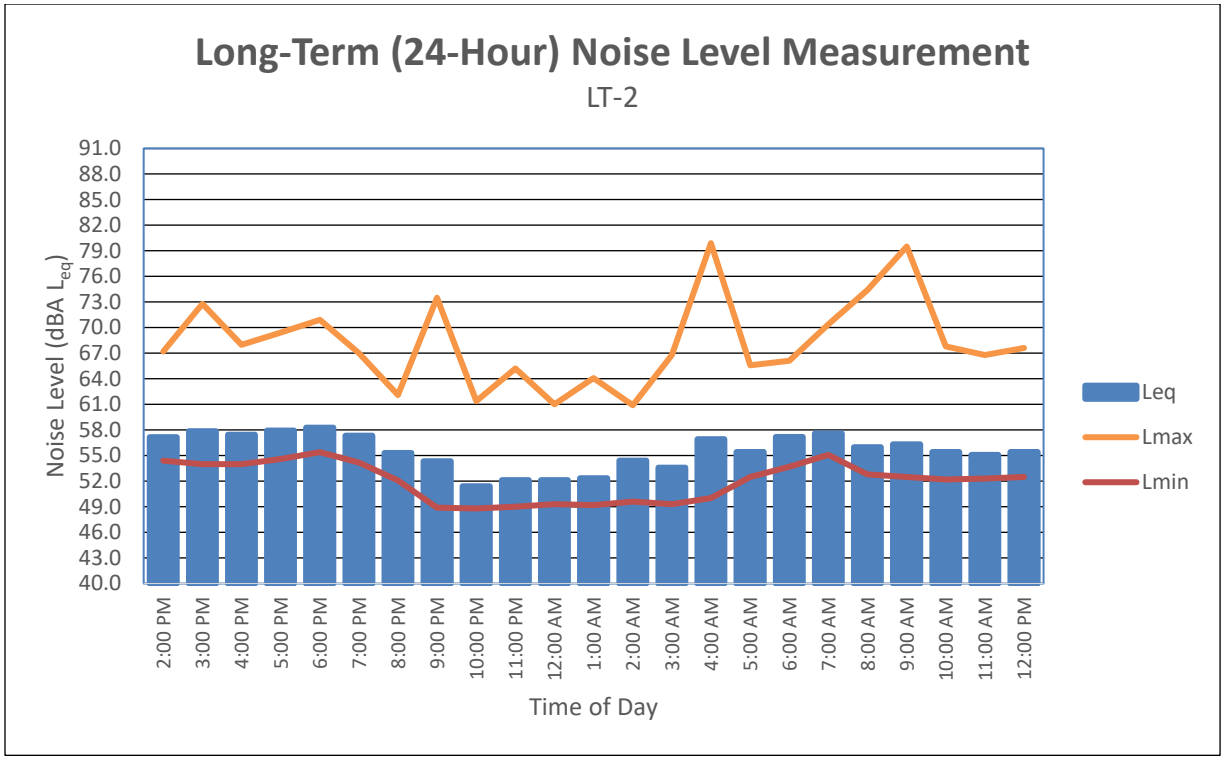
Comments: Less noisy than LT-1. Generally quiet

Photo:

Long-Term (24-Hour) Noise Level Measurement Results at LT-2

Start Time	Date	Noise Level (dBA)		
		L_{eq}	L_{max}	L_{min}
1:00 PM	9/22/2022	58.0	80.4	53.9
2:00 PM	9/22/2022	57.2	67.2	54.4
3:00 PM	9/22/2022	57.9	72.8	54.0
4:00 PM	9/22/2022	57.4	68.0	54.0
5:00 PM	9/22/2022	57.9	69.4	54.6
6:00 PM	9/22/2022	58.3	70.9	55.4
7:00 PM	9/22/2022	57.3	67.0	54.2
8:00 PM	9/22/2022	55.3	62.1	52.1
9:00 PM	9/22/2022	54.4	73.5	48.9
10:00 PM	9/22/2022	51.4	61.4	48.8
11:00 PM	9/22/2022	52.1	65.2	49.0
12:00 AM	9/23/2022	52.1	61.0	49.3
1:00 AM	9/23/2022	52.4	64.1	49.2
2:00 AM	9/23/2022	54.4	60.9	49.6
3:00 AM	9/23/2022	53.6	66.8	49.3
4:00 AM	9/23/2022	56.9	79.9	50.0
5:00 AM	9/23/2022	55.4	65.6	52.5
6:00 AM	9/23/2022	57.2	66.1	53.7
7:00 AM	9/23/2022	57.6	70.4	55.1
8:00 AM	9/23/2022	56.0	74.4	52.8
9:00 AM	9/23/2022	56.3	79.5	52.5
10:00 AM	9/23/2022	55.4	67.8	52.2
11:00 AM	9/23/2022	55.1	66.8	52.3
12:00 PM	9/23/2022	55.4	67.6	52.5

Source: Compiled by LSA Associates, Inc. (2022).
dBA = A-weighted decibel
L_{eq} = equivalent continuous sound level
L_{max} = maximum instantaneous noise level
L_{min} = minimum measured sound level


Long-Term (24-Hour) Noise Level Measurement
LT-2
Noise Level (dBA Leq)
91.0
88.0
85.0
82.0
79.0
76.0
73.0
70.0
67.0
64.0
61.0
58.0
55.0
52.0
49.0
46.0
43.0
40.0
2:00 PM
3:00 PM
4:00 PM
5:00 PM
6:00 PM
7:00 PM
8:00 PM
9:00 PM
10:00 PM
11:00 PM
12:00 AM
1:00 AM
2:00 AM
3:00 AM
4:00 AM
5:00 AM
6:00 AM
7:00 AM
8:00 AM
9:00 AM
10:00 AM
11:00 AM
12:00 PM
Time of Day
Leq
Lmax
Lmin

Construction Calculations

Phase: Demolition

Equipment	Quantity	Reference (dBA) 50 ft Lmax	Usage Factor[1]	Distance to Receptor (ft)	Ground Effects	Noise Level (dBA) Lmax	Noise Level (dBA) Leq
Concrete Saw	1	90	20	50	0.5	90	83
Excavator	3	81	40	50	0.5	81	82
Dozer	2	82	40	50	0.5	82	81
					Combined at 50 feet	**91**	**87**

Phase: Site Preparation

Equipment	Quantity	Reference (dBA) 50 ft Lmax	Usage Factor[1]	Distance to Receptor (ft)	Ground Effects	Noise Level (dBA) Lmax	Noise Level (dBA) Leq
Dozer	3	82	40	50	0.5	82	83
Tractor	4	84	40	50	0.5	84	86
					Combined at 50 feet	**86**	**88**
					Combined at Receptor 440 feet	**67**	**69**
					Combined at Receptor 500 feet	**66**	**68**
					Combined at Receptor 530 feet	**66**	**67**
					Combined at Receptor 800 feet	**62**	**64**

Phase: Grading

Equipment	Quantity	Reference (dBA) 50 ft Lmax	Usage Factor[1]	Distance to Receptor (ft)	Ground Effects	Noise Level (dBA) Lmax	Noise Level (dBA) Leq
Excavator	2	81	40	50	0.5	81	80
Grader	1	85	40	50	0.5	85	81
Dozer	1	82	40	50	0.5	82	78
Scraper	2	84	40	50	0.5	84	83
Tractor	2	84	40	50	0.5	84	83
					Combined at 50 feet	**90**	**88**
					Combined at Receptor 440 feet	**72**	**70**
					Combined at Receptor 500 feet	**70**	**68**
					Combined at Receptor 530 feet	**70**	**68**
					Combined at Receptor 800 feet	**66**	**64**

Phase:Building Construstion

Equipment	Quantity	Reference (dBA) 50 ft Lmax	Usage Factor[1]	Distance to Receptor (ft)	Ground Effects	Noise Level (dBA) Lmax	Noise Level (dBA) Leq
Crane	1	81	16	50	0.5	81	73
Man Lift	3	75	20	50	0.5	75	73
Generator	1	81	50	50	0.5	81	78
Tractor	3	84	40	50	0.5	84	85
Welder / Torch	1	74	40	50	0.5	74	70
					Combined at 50 feet	**87**	**86**

Phase:Paving

Equipment	Quantity	Reference (dBA) 50 ft Lmax	Usage Factor[1]	Distance to Receptor (ft)	Ground Effects	Noise Level (dBA) Lmax	Noise Level (dBA) Leq
Paver	2	77	50	50	0.5	77	77
All Other Equipment > 5 HP	2	85	50	50	0.5	85	85
Roller	2	80	20	50	0.5	80	76
					Combined at 50 feet	**87**	**86**

Phase:Architectural Coating

Equipment	Quantity	Reference (dBA) 50 ft Lmax	Usage Factor[1]	Distance to Receptor (ft)	Ground Effects	Noise Level (dBA) Lmax	Noise Level (dBA) Leq
Compressor (air)	1	78	40	50	0.5	78	74
					Combined at 50 feet	**78**	**74**

Sources: RCNM

[1]- Percentage of time that a piece of equipment is operating at full power.
dBA – A-weighted Decibels
Lmax- Maximum Level
Leq- Equivalent Level

TABLE Existing -01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Tasman Drive West of Alder Drive
NOTES: 475 Sycamore Project - Existing

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18020 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES			
	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 80 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.57

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
246.6	741.9	2333.7	7375.1

TABLE Existing -02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Tasman Drive East of Alder Drive
NOTES: 475 Sycamore Project - Existing

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 30280 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 80 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
400.0	1242.0	3919.8	12392.1

TABLE Existing -03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Alder Drive South of Tasman Drive
NOTES: 475 Sycamore Project - Existing

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6270 SPEED (MPH): 30 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 40 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	160.8	494.2	1558.1

TABLE Existing -04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Barber Lane North of Alder Drive
NOTES: 475 Sycamore Project - Existing

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5470 SPEED (MPH): 40 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 20 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.27

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
74.1	226.4	713.2	2254.4

TABLE Existing -05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Barber Lane between Alder Drive and Sycamore Drive
NOTES: 475 Sycamore Project - Existing

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 3670 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 15 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.79

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	152.1	479.0	1513.9

TABLE Existing -06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Barber Lane East of McCarthy Boulevard
NOTES: 475 Sycamore Project - Existing

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 3820 SPEED (MPH): 40 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 15 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	158.3	498.5	1575.7

TABLE Existing -07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Sycamore Drive between Buckeye Drive and Barber Lane
NOTES: 475 Sycamore Project - Existing

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 940 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 25 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.36

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	99.9	306.8

TABLE Existing -08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Sycamore Drive between Buckeye Drive and McCarthy Boulevard
NOTES: 475 Sycamore Project - Existing

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1040 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 25 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.80

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	109.9	339.2

TABLE Existing -09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: McCarthy Boulevard North of Sycamore Drive
NOTES: 475 Sycamore Project - Existing

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7530 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 35 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.02

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
104.0	311.7	980.0	3097.1

TABLE Existing -10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: McCarthy Boulevard South of Sycamore Drive
NOTES: 475 Sycamore Project - Existing

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7280 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 35 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.87

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
101.0	301.5	947.6	2994.3

TABLE Existing With Project-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Tasman Drive West of Alder Drive
NOTES: 475 Sycamore Project - Existing With Project

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18080 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 80 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.59

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
247.3	744.4	2341.4	7399.7

TABLE Existing With Project-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Tasman Drive East of Alder Drive
NOTES: 475 Sycamore Project - Existing With Project

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 31870 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 80 SITE CHARACTERISTICS: HARD

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* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 76.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL	70 CNEL	65 CNEL	60 CNEL	55 CNEL
	420.2	1306.9	4125.6	13042.8

TABLE Existing With Project-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Alder Drive South of Tasman Drive
NOTES: 475 Sycamore Project - Existing With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8100 SPEED (MPH): 30 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 40 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
75.2	205.2	637.6	2012.4

TABLE Existing With Project-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Barber Lane North of Alder Drive
NOTES: 475 Sycamore Project - Existing With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5470 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 20 SITE CHARACTERISTICS: HARD

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* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.27

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
74.1	226.4	713.2	2254.4

TABLE Existing With Project-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Barber Lane between Alder Drive and Sycamore Drive
NOTES: 475 Sycamore Project - Existing With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5500 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 15 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.55

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
73.3	227.4	717.5	2268.4

TABLE Existing With Project-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Barber Lane East of McCarthy Boulevard
NOTES: 475 Sycamore Project - Existing With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4390 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 15 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.57

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
59.2	181.7	572.8	1810.7

TABLE Existing With Project-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Sycamore Drive between Buckeye Drive and Barber Lane
NOTES: 475 Sycamore Project - Existing With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2150 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 25 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.95

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	74.3	222.6	699.7

TABLE Existing With Project-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Sycamore Drive between Buckeye Drive and McCarthy Boulevard
NOTES: 475 Sycamore Project - Existing With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2250 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 25 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.15

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	77.3	232.8	732.2

TABLE Existing With Project-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: McCarthy Boulevard North of Sycamore Drive
NOTES: 475 Sycamore Project - Existing With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7690 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 35 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
106.0	318.3	1000.8	3162.9

TABLE Existing With Project-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: McCarthy Boulevard South of Sycamore Drive
NOTES: 475 Sycamore Project - Existing With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7830 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 35 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.19

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
107.7	324.0	1019.0	3220.5

TABLE Cumulative-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Tasman Drive West of Alder Drive
NOTES: 475 Sycamore Project - Cumulative

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 23620 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 80 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.75

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
316.0	970.1	3058.1	9666.7

TABLE Cumulative-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Tasman Drive East of Alder Drive
NOTES: 475 Sycamore Project - Cumulative

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 39690 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 80 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 77.00

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
520.0	1626.5	5137.5	16242.9

TABLE Cumulative-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Alder Drive South of Tasman Drive
NOTES: 475 Sycamore Project - Cumulative

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8220 SPEED (MPH): 30 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 40 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.04

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
76.0	208.1	647.0	2042.2

TABLE Cumulative-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Barber Lane North of Alder Drive
NOTES: 475 Sycamore Project - Cumulative

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7170 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 20 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.44

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
95.6	296.2	934.7	2954.9

TABLE Cumulative-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Barber Lane between Alder Drive and Sycamore Drive
NOTES: 475 Sycamore Project - Cumulative

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4810 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 15 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
64.5	199.0	627.6	1983.9

TABLE Cumulative-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Barber Lane East of McCarthy Boulevard
NOTES: 475 Sycamore Project - Cumulative

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5010 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 15 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.14

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
67.1	207.2	653.6	2066.3

TABLE Cumulative-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Sycamore Drive between Buckeye Drive and Barber Lane
NOTES: 475 Sycamore Project - Cumulative

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 940 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 25 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.36

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	99.9	306.8

TABLE Cumulative-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Sycamore Drive between Buckeye Drive and McCarthy Boulevard
NOTES: 475 Sycamore Project - Cumulative

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1040 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 25 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.80

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	109.9	339.2

TABLE Cumulative-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: McCarthy Boulevard North of Sycamore Drive
NOTES: 475 Sycamore Project - Cumulative

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9870 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 35 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.20

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL	70 CNEL	65 CNEL	60 CNEL	55 CNEL
	133.1	407.5	1284.2	4059.4

TABLE Cumulative-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: McCarthy Boulevard South of Sycamore Drive
NOTES: 475 Sycamore Project - Cumulative

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9550 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 35 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
129.1	394.4	1242.6	3927.8

TABLE Cumulative With Project-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Tasman Drive West of Alder Drive
NOTES: 475 Sycamore Project - Cumulative With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 23660 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 80 SITE CHARACTERISTICS: HARD

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* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.76

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
316.5	971.7	3063.3	9683.1

TABLE Cumulative With Project-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Tasman Drive East of Alder Drive
NOTES: 475 Sycamore Project - Cumulative With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 40020 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 80 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 77.04

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
524.2	1640.0	5180.2	16377.9

TABLE Cumulative With Project-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Alder Drive South of Tasman Drive
NOTES: 475 Sycamore Project - Cumulative With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8630 SPEED (MPH): 30 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 40 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.25

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
78.7	218.1	679.1	2144.0

TABLE Cumulative With Project-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Barber Lane North of Alder Drive
NOTES: 475 Sycamore Project - Cumulative With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7170 SPEED (MPH): 40 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 20 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.44

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
95.6	296.2	934.7	2954.9

TABLE Cumulative With Project-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Barber Lane between Alder Drive and Sycamore Drive
NOTES: 475 Sycamore Project - Cumulative With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5220 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 15 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.32

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
69.7	215.8	681.0	2152.9

TABLE Cumulative With Project-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Barber Lane East of McCarthy Boulevard
NOTES: 475 Sycamore Project - Cumulative With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5140 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 15 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.26

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
68.7	212.6	670.6	2120.0

TABLE Cumulative With Project-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Sycamore Drive between Buckeye Drive and Barber Lane
NOTES: 475 Sycamore Project - Cumulative With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1160 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 25 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.27

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	121.9	378.1

TABLE Cumulative With Project-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: Sycamore Drive between Buckeye Drive and McCarthy Boulevard
NOTES: 475 Sycamore Project - Cumulative With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1260 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 25 SITE CHARACTERISTICS: HARD

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* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	132.0	410.6

TABLE Cumulative With Project-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: McCarthy Boulevard North of Sycamore Drive
NOTES: 475 Sycamore Project - Cumulative With Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9980 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 35 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.24

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
134.5	412.0	1298.5	4104.7

TABLE Cumulative With Project-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 12/02/2022
ROADWAY SEGMENT: McCarthy Boulevard South of Sycamore Drive
NOTES: 475 Sycamore Project - Cumulative With Project

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9660 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	57.00	7.60	11.40
M-TRUCKS	9.00	1.20	1.80
H-TRUCKS	9.00	1.20	1.80

ACTIVE HALF-WIDTH (FT): 35 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.10

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
130.4	398.9	1256.9	3973.1

APPENDIX F

CEQA TRANSPORTATION ANALYSIS

HEXAGON TRANSPORTATION CONSULTANTS, INC.

Memorandum

Date:	November 30, 2022
To:	Mr. Steve Chan, City of Milpitas
From:	Eric Tse, P.E.
Subject:	CEQA Transportation Analysis for 475 Sycamore Drive Industrial Development

Introduction

Hexagon Transportation Consultants, Inc. has completed this CEQA transportation analysis for the proposed industrial development at 475 Sycamore Drive in Milpitas, California. The proposed development would involve demolition of three existing office buildings to accommodate the construction of a 293,422 square foot industrial building, which includes up to 12,000 square feet of office space, 40 loading docks, 228 auto parking spaces, and 52 trailer stalls.

Access to the project site would be provided via four driveways: three would be located on Sycamore Drive and another one would be located on Barber Lane. The project location and study intersections are shown on Figure 1. The project site plan is shown on Figure 2.

This CEQA transportation study includes an analysis of Vehicle Miles Travelled (VMT), site access and circulation, and alternative modes of transportation. Analysis of key intersections and roadways around the site will be included in a subsequent Local Transportation Analysis (LTA) report.

Vehicle Miles Traveled (VMT) Analysis

Senate Bill (SB) 743 has changed the primary metric for identifying transportation impacts under the California Environmental Quality Act (CEQA) from vehicle level of service (LOS) to daily vehicle miles travelled (VMT). The City of Milpitas has an adopted VMT policy as of May 18, 2021 with VMT thresholds for CEQA analysis. The City of Milpitas VMT policy is described in its *Transportation Analysis Guidelines* dated March 2022.

The City of Milpitas *Transportation Analysis Guidelines* provide CEQA transportation analysis exemption screening criteria for some development projects. The criteria are based on the type of project, its characteristics, and/or location. If a project meets the City's screening criteria, the project is expected to result in less-than-significant VMT impacts, and a detailed CEQA VMT analysis is not required. Because the project would generate fewer net daily trips than the existing use (see the subsequent Project Trip Generation section), it would meet the screening criteria for small projects generating 110 daily trips or fewer as stated in the City VMT policy. Therefore, the project's VMT impact would be *less than significant*.

Existing Transportation Setting

Roadway Network

Regional and local vehicular access to the site is provided by I-880, Tasman Drive, Alder Drive, Barber Lane, McCarthy Boulevard, and Sycamore Drive. These roadways are described below.

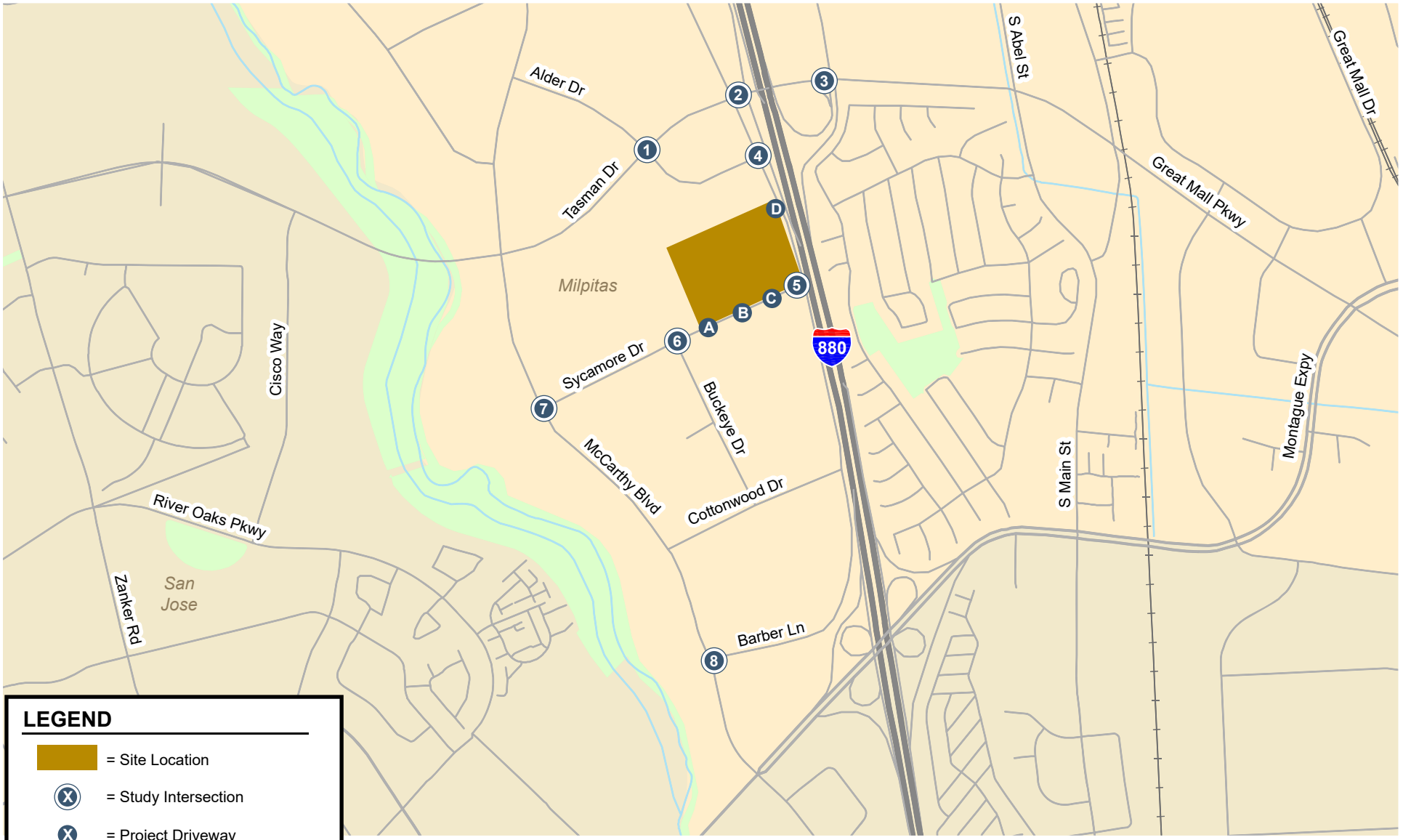
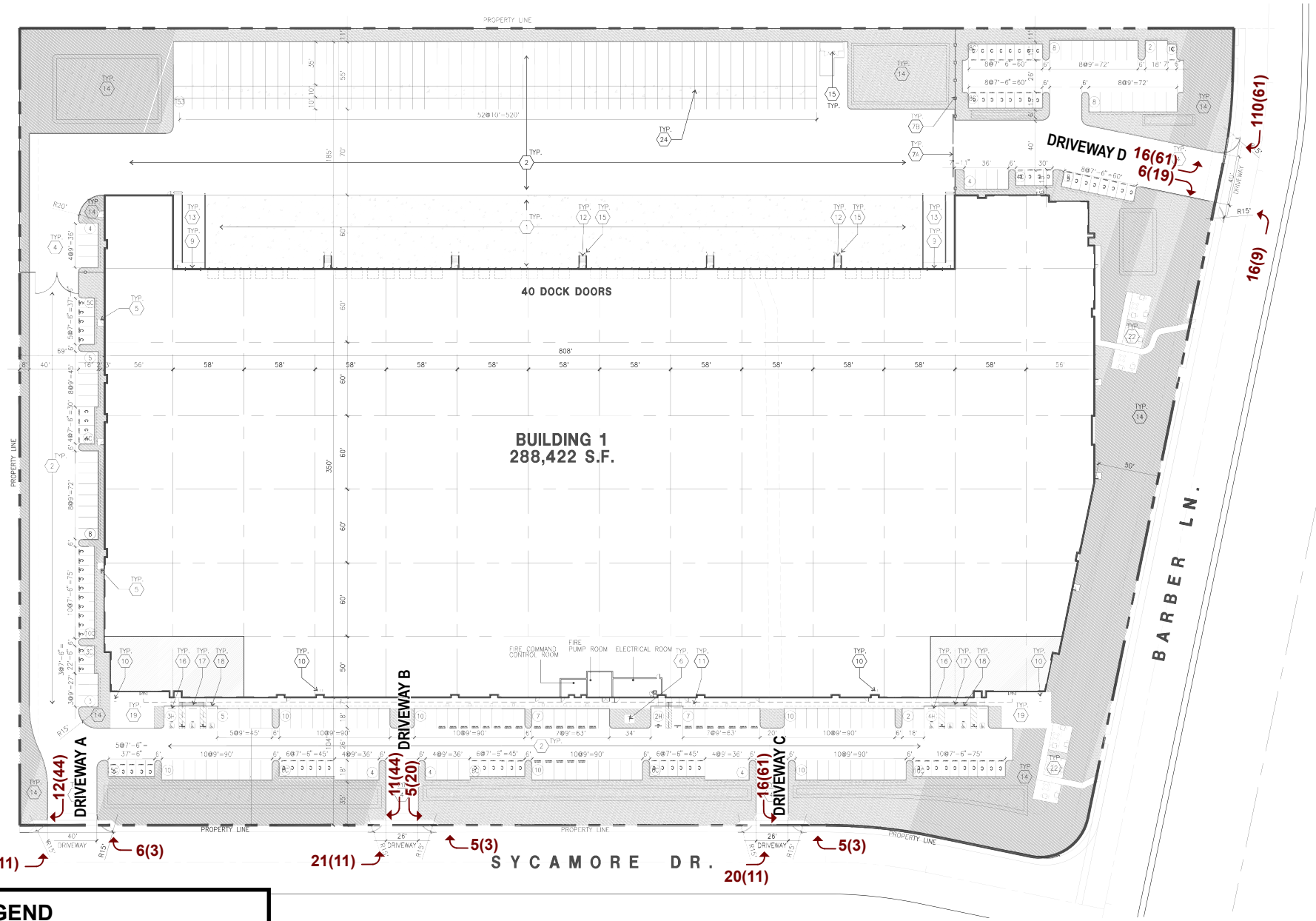


Figure 1
Project Site Location and Study Intersections



LEGEND

XX(XX) = AM(PM) Peak-Hour Trips

Figure 2
Project Site Plan

HEXAGON

NORTH
Not to Scale

Interstate 880 provides regional access to the project. It extends from San Jose in the south (where it becomes State Route 17) to Oakland in the north. Within the project vicinity, I-880 primarily has four northbound and four southbound mixed flow lanes as well as a High Occupancy Vehicle (HOV) lane in each direction. Access to the site is provided by interchanges at I-880/Great Mall Parkway and I-880/Montague Expressway.

Tasman Drive is a four- to six-lane, east/west arterial that extends from Fair Oaks Avenue in Sunnyvale at its west end to I-880 at its east end where it becomes Great Mall Parkway. Class II bike lanes are provided on both sides of Tasman Drive from north San Jose, through the study area, and continuing on Great Mall Parkway. Parking is prohibited on both sides of the street.

McCarthy Boulevard is a four- to six-lane, north/south street that extends southward from Dixon Landing Road at its north end, to and past SR 237 to Montague Expressway, where it becomes O'Toole Avenue. The section of McCarthy Boulevard fronting the site is six lanes wide. Many sections of McCarthy Boulevard south of Tasman Drive have a two-way center left-turn lane. McCarthy Boulevard is an existing Class III bike route from Tasman Drive to Montague Expressway. Class II bike lanes are planned for this section of McCarthy Boulevard. Parking is prohibited on both sides of the street.

Barber Lane is a two-lane, north/south street that extends southward from Bellew Drive at its north end, continues under Tasman Drive, southward almost to Montague Expressway before bending westward and intersecting McCarthy Boulevard at a signalized intersection. Barber Lane provides direct access to the project site. Parking is prohibited on both sides of the street.

Alder Drive is a four-lane, predominantly east/west street that extends eastward from McCarthy Boulevard at its west end, across Tasman Drive and to Barber Lane at its east end. Except at its intersection with Tasman Drive, Alder Drive provides a two-way center left-turn lane and bike lanes along its entire length. Parking is prohibited on both sides of the street.

Sycamore Drive is a two-lane, east/west local street that extends eastward from McCarthy Boulevard to Barber Lane. Sycamore Drive provides direct access to the project site. Parking is prohibited on both sides of the street.

Bicycle and Pedestrian Facilities

The bicycle facilities in the City of Milpitas are identified and described in the *City of Milpitas Trails, Pedestrians, Bike Master Plan, adopted in May 2022.* The existing and planned bicycle and pedestrian facilities in the study area are shown on Figure 3. The existing bicycle facilities in the immediate project study area are described below.

McCarthy Boulevard is an existing Class III bicycle facility (bike route) from Tasman Drive to Montague Expressway, and an existing Class II bicycle facility (bike lanes) between Dixon Landing Road and Tasman Drive.

Tasman Drive is an existing Class II bicycle facility (bike lanes) from north San Jose, through the study area, and eastward to Great Mall Parkway and Capitol Avenue. West of the Coyote Creek Trail, Tasman Drive has intermittent segments of buffered Class II bicycle lanes.

Barber Lane is an existing Class II bicycle facility (bike lanes) over its entire length, from Bellew Drive, under Tasman Drive, to McCarthy Boulevard.

The planned bicycle and pedestrian facilities in the immediate project study area are described below.

McCarthy Boulevard - a planned Class II bicycle facility (bike lanes) from Tasman Drive to Montague Expressway.

Tasman Drive - a planned Class I pathway and Class IV separated bikeway between McCarthy Boulevard and Montague Expressway.

Tasman Drive/McCarthy Boulevard intersection - Intersection bike lane connectivity improvements are planned.

Figure 3
Existing and Proposed Bicycle Network

Many of the streets in the study area do not have sidewalks. Tasman Drive has sidewalks on both sides except on the south side between McCarthy Boulevard and Alder Drive. There are sidewalks along the east and north side of Alder Drive between Tasman Drive and Barber Lane, bordering the Park and Ride lot. There are sidewalks on both sides of Alder Drive north of Tasman Drive, and on both sides of Barber Lane north of the Tasman Drive overpass. There are currently no sidewalks on Barber Lane south of Alder Drive. In addition, Sycamore Drive has no sidewalks except for a short segment west of Buckeye Drive. All signalized intersections have sidewalks with crosswalks and pedestrian-actuated crossing phases.

The area in the vicinity of the project site, bounded by Tasman Drive to the north, Barber Lane to the east, Montague Expressway to the south, and the Coyote Creek to the west, is an industrial park. These commonly do not include extensive pedestrian-related infrastructure.

Transit service

Existing transit service to the study area is provided by the Santa Clara Valley Transportation Authority (VTA). The transit services operating in the vicinity of the site are described below. Figure 4 shows the locations of the existing transit service routes.

VTA Bus Services

Route 44 provides service between the Milpitas BART station and McCarthy Ranch, via McCarthy Boulevard, Alder Drive, Tasman Drive, and Great Mall Parkway. Route 44 operates on weekdays northbound between 7:00 AM and 8:00 PM with approximately 30-minute headways and southbound between 7:30 PM and 8:15 PM with approximately 30-minute headways. On Weekends, Route 44 also provides service between 8:00 AM and 6:30 PM with approximately 60-minute headways. Route 44 provides a connection to the I-880/Milpitas LRT station on the west side of the intersection at Alder Drive and Tasman Drive. The nearest bus stop, for the eastbound route, is located 0.3 miles from the site on the southeast corner of the intersection of Alder Drive and Tasman Drive, fronting the Park and Ride lot. The stop for the westbound route is located on the northwest corner of the intersection.

Route 200 provides service between the Mountain View Transit Center and the Milpitas BART station, via Tasman Drive and Great Mall Parkway. Route 200 operates on weekdays westbound exclusively on late-night hours between 11:30 PM and 1:45 AM with approximately 45-minute headways. The nearest bus stop is located on the northwest corner of the intersection of Alder Drive and Tasman Drive, approximately 0.3 miles from the project site.

Route 831, the ACE Violet Line, provides shuttle service between the Great America ACE station and the Lundy Avenue/Commerce Drive intersection, via Tasman Drive, McCarthy Boulevard, and Montague Expressway. Route 825 operates on weekdays eastbound between 6:05 AM and 10:00 AM with approximately 60-minute headways and westbound between 3:00 PM and 6:45 PM with approximately 60-minute headways. The nearest bus stop is located at the Sycamore Drive/Buckeye Drive intersection, which is about 700 feet west of the project site.

Route 825, the ACE Purple Line, provides shuttle service between the Great America ACE station and McCarthy Ranch, via Tasman Drive and Alder Drive. Route 825 operates on weekdays eastbound between 6:05 AM and 9:50 AM with approximately 60-minute headways and westbound between 3:15 PM and 6:40 PM with approximately 60-minute headways. The nearest bus stop is located on the northeast corner of the intersection of Alder Drive and Tasman Drive.

Light Rail Transit (LRT) Service

The VTA currently operates the 42.2-mile VTA light rail transit (LRT) system. There are four major light rail corridors on which the lines run. The project is served by the Light Rail Orange Line, which provides service between Mountain View and Alum Rock. The closest LRT station to the project site is the I-880/Milpitas LRT Station, located on Tasman Drive at Alder Drive one-quarter mile north of the project site.

The VTA also provides a Park and Ride lot on the southeast corner of the intersection of Alder Drive and Tasman Drive. The Park and Ride lot has a capacity of approximately 275 parking spaces, a passenger pick-up/drop-off area accommodating 9 cars, and 10 bicycle lockers. The lot is served by the light rail and bus line 44.

Figure 4
Existing Transit Service

NORTH
Not to Scale

Project Traffic Estimates

Through empirical research, data have been collected that quantify the amount of traffic produced by many types of land uses. This research is compiled in *Trip Generation, 11th Edition* published by the Institute of Transportation Engineers (ITE). The magnitude of traffic added to the roadway system by a particular development is estimated by multiplying the applicable trip generation rates by the size of the development. The rates published for High Cube Fulfillment Center Warehouse-Sort (ITE Code 155) and General Office Building (ITE Code 710) were used to estimate the vehicle trips generated by the proposed project (see Table 1).

It is anticipated that the proposed project would generate truck trips. Based on truck data plots in *Trip Generation, 11th Edition* for the High Cube Fulfillment Center Warehouse-Sort land use, and assuming a passenger car equivalent (PCE) factor of 2.0 for converting truck trips to passenger vehicle trips, it is estimated that the proposed project would generate truck trips which are equivalent to 107 primary vehicle trips per day, with 12 primary vehicle trips occurring during the AM peak hour and 12 primary vehicle trips occurring during the PM peak hour.

The project site is occupied by three office buildings which are currently vacant. For comparative purposes, the trip generation associated with the existing vacant use was calculated using the ITE trip generation rates for General Office Building (ITE Code 710). The estimated number of trips that would be generated by the existing use, if reoccupied, is shown in Table 1.

After subtracting the primary trips for the existing use on site from the proposed project primary trips, the project is estimated to generate 147 fewer primary vehicle trips per day, with 30 fewer primary vehicle trips during the AM peak hour, and 77 additional primary vehicle trips during the PM peak hour

The trip distribution pattern for the proposed project was estimated based on existing travel patterns and the locations of complementary land uses. The new peak-hour trips generated by the proposed project (the project trips) were added to the roadway network in accordance with the project trip generation and distribution described above. The project trip distribution and trip assignment are shown on Figure 5.

Table 1
Project Trip Generation Estimates

Land Use	Size		Daily Rate	Daily Trips	AM Peak Hour Pk-Hr Rate	AM In	AM Out	AM Total	PM Peak Hour Pk-Hr Rate	PM In	PM Out	PM Total
Proposed Use												
High Cube Fulfillment Center Warehouse-Sort [1]	281,422	sf	6.44	1,812	0.87	198	47	245	1.20	132	206	338
Passenger vehicles (A)			6.25	1,759	0.85	182	58	240	1.18	103	229	332
Trucks [2]			0.19	53	0.02	3	3	6	0.02	3	3	6
Truck PCE [3] (B)				107		6	6	12		6	6	12
Total PCE (C)=(A)+(B)				1,866		188	64	252		109	235	344
General Office Building [4] (D)	12,000	sf	10.84	130	1.52	16	2	18	1.44	3	14	17
Total building square footage	293,422	sf										
Total Primary Trips (E)=(C)+(D)				1,996		204	66	270		112	249	361
Existing Use												
General Office Building [4]	197,700	sf	10.84	-2,143	1.52	-264	-36	-300	1.44	-48	-237	-285
Net New Trips				-147		-60	30	-30		64	13	77

Notes:
[1] Trip generation based on average rates contained in the *ITE Trip Generation Manual, 11th Edition* , for High Cube Fullfillment Center Warehouse-Sort (Land Use Code 155).
[2] Truck trip generation based on truck data plots in the *ITE Trip Generation Manual, 11th Edition* , for High Cube Fullfillment Center Warehouse-Sort (Land Use Code 155).
[3] A PCE (Passenger Car Equivalent) of 2.0 was assumed to convert the truck trips to passenger vehicle trips.
[4] Trip generation based on average rates contained in the *ITE Trip Generation Manual, 11th Edition* , for General Office Building (Land Use Code 710).

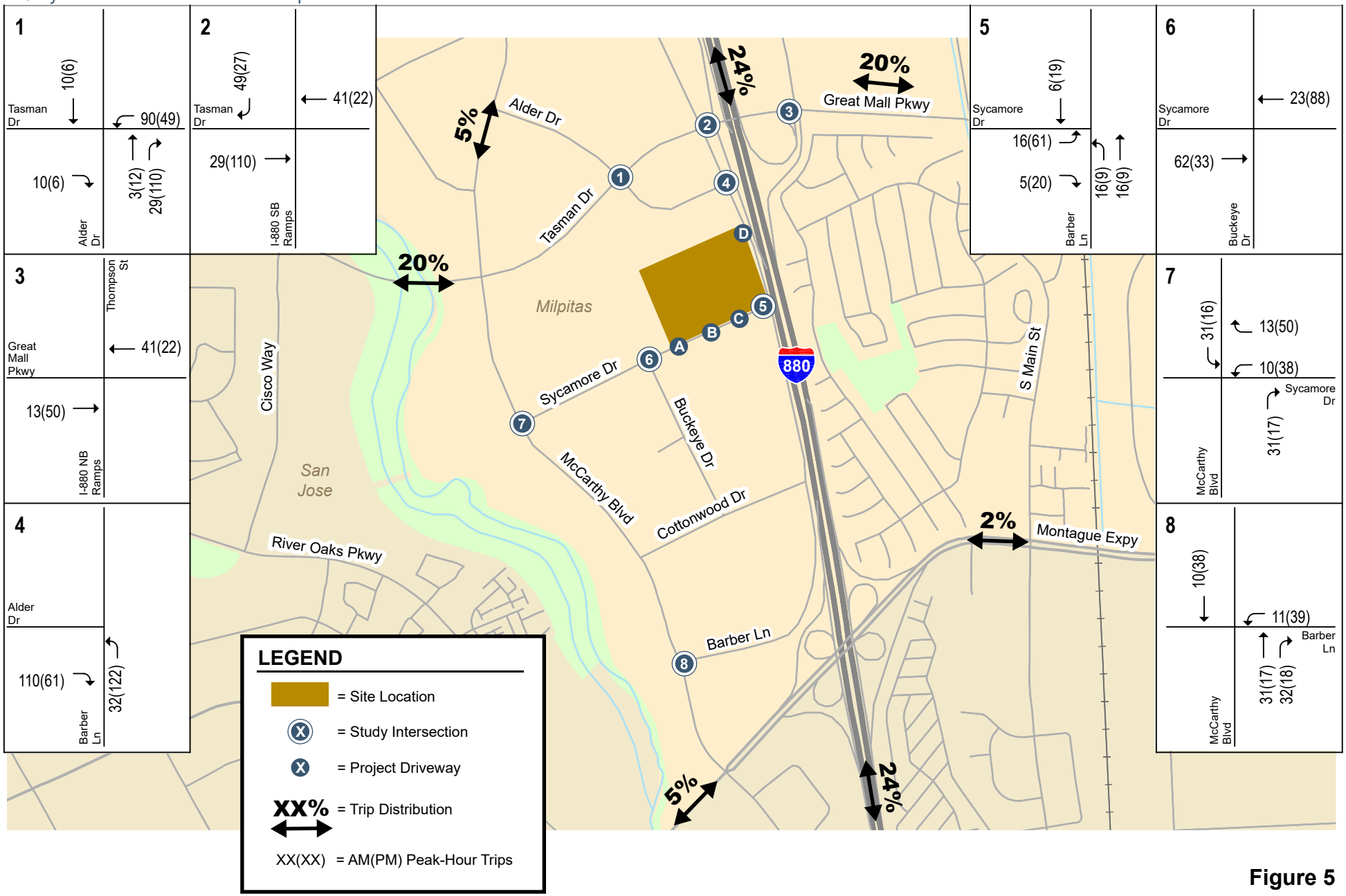


Figure 5
Project Trip Distribution and Trip Assignment

Site Access and On-Site Circulation

This section describes the site access and on-site circulation for the proposed project. This review is based on the project site plan dated March 22, 2022 and provided by the applicant (See Figure 2).

Site Access and Project Driveways

Access to the project site would be provided via four driveways, one on Barber Lane and three on Sycamore Drive. Traffic operations at the site driveways were evaluated using TRAFFIX analysis software based on the project trip assignment at the driveways, using queuing and delay.

Driveways A, B, and C would provide site access on Sycamore Drive which are located at approximately 800 feet, 500 feet, and 250 feet west of the intersection at Barber Lane and Sycamore Drive, respectively. Driveway D would provide site access on Barber Lane which is located at approximately 600 feet north of the intersection at Barber Lane and Sycamore Drive. Driveway C, which does not currently exist at its proposed location, would provide full access to the project site. It is anticipated that under project conditions, vehicles entering and existing the site driveways would experience minimal delays and vehicle queues would rarely exceed one or two vehicles.

There are three existing driveways on Sycamore Drive on the opposite side of the project frontage. On the south side of Sycamore Drive, the proposed driveways do not align with the existing driveways on the opposite side of the street, but are offset at a maximum of 125 feet. On the north side of Sycamore Drive, the nearest adjacent driveway is located 70 feet west of Driveway A. On the west side of Barber Lane, the nearest adjacent driveway is located 150 feet north of Driveway D. The spacing of the project driveways, and their locations relative to existing driveways, are acceptable given the relatively low traffic volumes at the nearby driveways. It is anticipated that left turn queues on Sycamore Drive and Barber Lane would rarely exceed one or two vehicles and delays would be brief.

Driveway A, which is located 800 feet west of Barber Lane, would allow full vehicular access to and from Sycamore Drive. This driveway would be aligned with a main north-south drive aisle on the west side of the project building. This driveway is projected to accommodate 39 AM (27 inbound/12 outbound) and 58 PM (14 inbound/44 outbound) peak hour trips. Based on the LOS and queuing calculations, the outbound movements from the project driveway would operate at LOS A with a 95th percentile queue of 25 feet during both AM and PM peak hours. The left turn inbound movement from eastbound Sycamore Drive would operate at LOS A with a maximum 95th percentile queue of one vehicle during AM and PM peak hours under project conditions. The driveway has a clear throat of 50 feet (approximately two vehicles in length), beyond which queued vehicles would block the adjacent east-west drive aisle. Therefore, the onsite queues would be accommodated by the driveway storage.

Driveway B, which is located 500 feet west of Barber Lane, would allow full vehicular access to and from Sycamore Drive. This driveway is projected to accommodate 42 AM (26 inbound/16 outbound) and 78 PM (14 inbound/64 outbound) peak hour trips. Based on the LOS and queuing calculations, the outbound movements from the project driveway would operate at LOS A with a 95th percentile queue of 25 feet during both AM and PM peak hours. The left turn inbound movement from eastbound Sycamore Drive would operate at LOS A with a maximum 95th percentile queue of one vehicle during AM and PM peak hours under project conditions. The driveway has a clear throat of 50 feet (approximately two vehicles in length), beyond which queued vehicles would block the adjacent east-west drive aisle. Therefore, the onsite queues would be accommodated by the driveway storage.

Driveway C, which is located 250 feet west of Barber Lane, would allow full vehicular access to and from Sycamore Drive. This driveway is projected to accommodate 41 AM (25 inbound/16 outbound) and 75 PM (14 inbound/61 outbound) peak hour trips. Based on the LOS and queuing calculations, the outbound movements from the project driveway would operate at LOS A with a 95th percentile queue of 25 feet during both AM and PM peak hours. The left turn inbound movement from eastbound Sycamore Drive would operate at LOS A with a maximum 95th percentile queue of one vehicle during AM and PM peak hours under project conditions. The driveway has a clear throat of 50 feet (approximately two vehicles in length), beyond which queued vehicles would block the adjacent east-west drive aisle. Therefore, the onsite queues would be accommodated by the driveway storage.

Driveway D, which is located 600 feet north of Sycamore Drive, would allow full vehicular access to and from Barber Lane. This driveway is projected to accommodate 148 AM (126 inbound/22 outbound) and 150 PM (70 inbound/80 outbound) peak hour trips. Based on the LOS and queuing calculations, the outbound movements from the project driveway would operate at LOS B with a 95th percentile queue of 25 feet during both AM and PM peak hours. The left turn inbound movement from northbound Barber Lane would operate at LOS A with a maximum 95th percentile queue of one vehicle during AM and PM peak hours under the project conditions. The driveway has a clear throat of 60 feet (approximately three vehicles in length), beyond which queued vehicles would block the adjacent perpendicular parking spaces. Therefore, the onsite queues would be accommodated by the driveway storage.

The sight distance at the proposed driveway locations were observed in the field and determined to be adequate. Prior to final design, the placement of any landscaping, monuments, and signs within the sight triangles of the driveways should be reviewed by Public Works staff to ensure adequate corner sight distance.

On-Site Circulation

The onsite circulation was reviewed in accordance with generally accepted traffic engineering standards. The internal circulation system includes one north-south drive aisle (connected to Driveway A on Sycamore Drive) on the west side of the site, as well as two east-west drive aisles on the north and south sides of the site. The east-west drive aisle along the north side of the site is connected to Driveway D on Barber Lane. Together, the three drive aisles form a U-shaped pattern that wraps around the north, west, and south sides of the building.

The onsite parking layout includes surface parking lots with perpendicular parking stalls located around the perimeter of the building adjacent to the three drive aisles. The two main drive aisles that connect directly with Driveways A and D are 40 feet wide, which meets the City's standard for 90-degree parking. These two drive aisles would primarily serve trucks accessing the loading docks and parking on the north side of the building. Driveways A and D and both 40 feet wide, which are consistent with the drive aisles that are connected to the driveways. The east-west parking aisle along the south side of the building, which can be accessed by the three driveways on Sycamore Drive, is 26 feet wide, which meets City parking aisle standards. The widths of Driveways B and C would be 26 feet, which also meets the City standard. There would be 228 parking spaces provided onsite, with 5 carpool and 23 electric vehicle (EV) parking spaces. Approximately 36 percent (83 spaces) of the parking spaces would be compact, which is within the maximum 40 percent allowable per City parking code. The dimensions of the parking spaces would be 9 feet by 18 feet for standard stalls and 7.5 feet by 15 feet for compact stalls, which meet the City parking standards.

The east-west drive aisle on the south side of the building terminates at a dead end, which has insufficient space for vehicles to turnaround in the event there is no parking available in the aisle.

> **Recommendation 1:** For the east-west drive aisle on the south side of the building that terminates with a dead end, sufficient turnaround space should be provided.

The site plan shows 40 loading docks and 52 parking stalls that are 10 feet by 55 feet, which would accommodate typical semi-trailer trucks. A garbage collection area is shown adjacent to the truck parking stalls opposite the loading docks. As shown on the site plan, trucks can enter the site from either Driveway A on Sycamore Drive or Driveway D on Barber Lane to load and unload at the loading docks and then exit the site via either driveway. Semi-trailer trucks and emergency vehicles could be accommodated onsite as demonstrated from a truck turning template exhibit included in the project plans.

The site plan shows pedestrian pathways to the project from Barber Lane on the east side of the building. These pedestrian pathways would be connected to proposed sidewalks along the project frontages on Barber Lane and Sycamore Drive. A pedestrian pathway is also shown along the south side of the building in front of the main building entrance and parking area facing Sycamore Drive. However, no pedestrian pathways are shown to the building from the proposed sidewalks along the project frontage on Sycamore Drive. Pedestrian pathways are also not shown for parking stalls located on the west and north sides of the project site, providing pedestrian access to the building.

Recommendation 2: The project should provide adequate pedestrian access pathways between the project building and the public sidewalks along the project frontages, as well as between onsite parking areas and the building entrances.

City of Milpitas parking code does not specify bike parking requirements for industrial use. According to Valley Transportation Authority (VTA) *Transportation Impact Analysis Technical Guidelines*, a long-term bike parking requirement of one space per 15,000 square feet of building floor is recommended for industrial uses. For office uses, a long term bike parking requirement of 0.75 spaces per 6,000 square feet of building floor area and a short term bike parking requirement of 0.25 spaces per 6,000 square feet of building floor area (minimum two spaces) are recommended. Therefore, 21 long term (281,422/15,000+12,000/6,000x0.75) and two short term (12,000/6,000x0.25) bike parking spaces are recommended. The current site plan indicates provisions for 12 long term bike parking spaces and 12 short term bike parking spaces, but the location of the bike parking is not shown on the site plan.

Recommendation 3: The project should provide a minimum of 21 long term and two short term bicycle parking spaces onsite consistent with VTA recommendations.

Impacts to Transit, Bikes, and Pedestrians

Pedestrians & Bikes

According to the U.S. Census, pedestrian trips comprise approximately one percent of the total commute mode share in the City of Milpitas. Field observations revealed very light pedestrian traffic in the vicinity of the project site. For the proposed project, assuming one percent of total commute trips would be walking trips, that would equate to approximately four pedestrian trips during each of the AM and PM peak hours. The proposed project also would generate pedestrian trips to/from transit stops and for recreation.

Although few pedestrian trips are anticipated to and from the site, the City's General Plan policies encourage non-motorized travel, including walking, bicycling and transit. The nearest light rail station- the I-880/Milpitas LRT station on Tasman Drive- is located 0.3 miles from the project site. There is currently no continuous sidewalk connection between the site and the station, with a missing sidewalk link on Barber Lane between Alder Drive and the proposed sidewalk on the Barber Lane project frontage. Overall, the volume of pedestrian trips generated by the project is expected to be relatively low. The relevant *Pedestrian and Bicycle Circulation Principles and Policies* of the General Plan are described below.

Sidewalk Policy 3.d.I.29:

> Require sidewalks on both sides of the street as a condition of development approval, where appropriate with local conditions.

The project site plan shows the project will provide a sidewalk along the site frontages on Barber Lane and Sycamore Drive. This would constitute the project's fair share contribution toward the City's planned establishment of a comprehensive pedestrian circulation system in the city.

U.S. Census data indicate that bicycle trips comprise less than one percent of the total commute mode share in the City of Milpitas. For the proposed project, this would equate to approximately four new bike trips during each of the AM and PM peak hours. The low volume of bicycle trips generated by the project would not exceed the bicycle-carrying capacity of streets surrounding the site, and the increase in bicycle trips would not by itself require new off-site bicycle facilities.

According to the VTA *Transportation Impact Analysis Technical Guidelines*, a project would create an impact on pedestrian and bike circulation if: (1) it would reduce, sever or eliminate existing or planned bike/pedestrian access and circulation in the area; (2) it would preclude, modify, or otherwise affect proposed bicycle and pedestrian projects and/or policies identified in the Lead Agency's adopted bicycle/pedestrian plan, or the plans of other agencies such as the Countywide Bicycle Plan or adjacent Cities' bicycle/pedestrian plans; or (3) it would cause a change to existing bike paths such as alignment, width of the trail ROW, or length of the trail. Construction of the proposed project, with the implementation of the recommendations in this report incorporated into the project, would not cause any of these criteria to

be met. Consequently, the proposed project would not create an adverse impact to pedestrian or bicycle facilities in the area.

Transit

According to the U.S. Census, transit trips comprise approximately three percent of the total commute mode share in the City of Milpitas. For the proposed project, assuming three percent of total commute trips would be transit trips, there would be approximately 11 transit trips during the AM and the PM peak hours. The low volume of transit trips generated by the project would not exceed the carrying capacity of the existing transit service to the site.

According to the VTA TIA Technical Guidelines, a project would create an impact on transit if: (1) it would generate a demand for additional transit services in excess of capacity; or (2) it would cause a permanent or temporary reduction of transit availability or interference with existing transit users, e.g., relocation/closure of a transit stop or removal of a roadway utilized by transit. The project, by itself, would not require additional transit service to the area, nor would it preclude, modify or otherwise affect existing or proposed transit projects or policies identified by the VTA. The project would improve access to transit by providing a sidewalk along the project frontage. Based on these criteria, the proposed project would not cause a significant impact to transit service.

Conclusions

The effects of the proposed project were evaluated in accordance with the procedures and guidelines specified by the City of Milpitas. The analysis resulted in the following key findings:

- A VMT review was conducted to assess the potential impacts caused by the proposed project. Because the project would generate fewer daily trips than the existing use, it would meet the screening criteria for small projects generating 110 daily trips or fewer as stated in the City VMT policy. Therefore, the project's VMT impact would be *less than significant*.
- With the implementation of the recommendations described below, the project would not create any impacts to pedestrian, bike, or transit facilities in the project vicinity.

The analysis also produced the following recommendations:

- For the east-west drive aisle on the south side of the building that terminates with a dead end, sufficient vehicular turnaround space should be provided.
- The project should provide adequate pedestrian access pathways between the project building and the public sidewalks along the project frontages, as well as between onsite parking areas and the building entrances.
- The project should provide a minimum of 21 long term and two short term bicycle parking spaces onsite consistent with VTA recommendations.

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