

# PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

# **Minaberry Land**

8731 Eucalyptus Avenue Ontario, California 91762

Report Date: February 28, 2017 Partner Project No. 16-161616.2



Prepared for:

**Prologis** 

Pier1, Bay 1 San Francisco, California 94111



February 28, 2017

Janet Frentzel Prologis Pier1, Bay 1 San Francisco, California 94111

Subject: Phase I Environmental Site Assessment Update

Minaberry Land

8731 Eucalyptus Avenue Ontario, California 91762

Partner Project No. 16-161616.2

Dear Ms. Frentzel:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the *Phase I Environmental Site Assessment Update* (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in general conformance with the scope and limitations as detailed in the ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Update Process.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (818) 337-1203.

Sincerely,

#### **DRAFT**

Misty Ponce Principal

#### **EXECUTIVE SUMMARY**

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment Update (ESA) in general accordance with the scope of work and limitations of ASTM Standard Practice E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by the Master Services Agreement between Prologis and Partner dated April 18, 2013 for the properties located at 8731 Eucalyptus Avenue and associated buildings in the City of Ontario, San Bernardino County, California (the "subject property"). The Phase I Environmental Site Assessment Update serves to update the Minaberry Land portion of Partner's August 16, 2016 Phase I Environmental Site Assessment report and is designed to provide Prologis with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

#### **Property Description**

The subject property is bound by Eucalyptus Avenue to the north, Merrill Avenue to the south, a dairy farm and trucking company to the east, and dairy farms to the west. Vineyard Avenue extends south off of Eucalyptus Avenue through the northeastern portion of the subject property. The subject property is located within a mixed agricultural and industrial area of the City of Ontario in San Bernardino County. Please refer to the table below for further description of the subject property:

Subject Property Data

**Primary Addresses:** 8731 Eucalyptus Avenue, Ontario, California **Additional Addresses:** 8831 and 8888 Eucalyptus Avenue and

8920, 8816, and 8810 Merrill Avenue

**Property Use:** Agricultural and Residential

Land Acreage (Ac): 73.86 Ac

**Number of Buildings:** Six residences, two milk barns, and a commodities barn

**Number of Floors:** One

**Gross Building Area (SF):** 30,000 square feet (SF)\*

Net Rentable Area (SF): 30.000 SF\*

**Date of Construction:** Residential/Barns circa 1938-1975;

Dairy Operation Buildings circa 1967-1975

**Assessor's Parcel Numbers** 1054-171-01/02/03/04; 1054-181-01/02; 1054-191-01/02; and

(APNs): 1054-361-01/02

**Type of Construction:** Wood- and Metal-Framed Buildings

**Current Occupants** Minaberry Dairy, Partida Fertilizer, Pallet Supply Wood Services,

subleased beef cattle farm (name not provided) and Residential

**Site Assessment Performed By:** Kathy Lehnus of Partner **Site Assessment Conducted On:** February 21, 2017

\*Estimated from San Bernardino County Assessor Records and Google Maps

The subject property comprises 73.86 acres of land identified as the Minaberry property. Onsite structures or features include: six single-family residences; two milk barns (one inactive); cattle staging areas; feeding corrals; manure/fertilizer storage areas; hay storage; pastures; a commodities barn (feed preparation); a



pallet manufacturing company; horse corrals; and at least eight detention ponds. In addition to these site features, landscaped areas are located on the northern property boundary along Eucalyptus Avenue, on the southeastern property boundary along Merrill Avenue, and along a portion of Vineyard Avenue, extending south from Eucalyptus Avenue near the northeastern portion of the subject property.

Minaberry Dairy subleases out portions of their property to three separate businesses. Partida Fertilizer subleases approximately four acres and manufactures composting materials from manure for bulk sale to fertilizer manufacturers; Pallet Supply Wood Services subleases approximately 1/3 of an acre for the manufacturing of wood pallets; and an independent contractor (not named by the site contact) leases approximately seven acres for raising cattle for beef.

Two underground storage tanks (USTs) likely to have contained either gasoline or diesel were located near the main residence (8731 Eucalyptus Avenue) and were reportedly removed from the subject property prior to 2003. The installation date of the USTs, contents, size, and the date of the UST removal was not known by site contacts or through a review of available records. A subsurface investigation was performed to investigate the former UST locations in November 2008. The San Bernardino County Fire Department (SBCFD) Hazardous Materials Division granted closure for the USTs on January 20, 2009.

During the site visit, Partner evaluated the potential for the animal farming uses to impact soil and groundwater, specifically the accumulation of manure/nitrates/ammonia from animal waste and any treatment/cleaners used as part of animal care. Partner was informed that the majority of the manure that is generated on the subject property is concentrated in the pen areas. Manure is collected and is temporarily stored/stockpiled on the northern portion of the subject property. No migration pathways/ponding was observed in the vicinity of the manure that would indicate that run off from the manure would collect in a concentrated area. The detention ponds are located within the southernmost portion of the property. Partida Fertilizer, a sub-lessee on the subject property, collects the manure and produces fertilizers within the central portion of the Minaberry property. Best management practices and local regulations for the storage of manure are reportedly followed; however, soil and groundwater has not been tested for nitrates or ammonia at the subject property.

According to available historical sources, the majority of subject property was undeveloped or used for agricultural purposes prior to 1948. An orchard was present on the eastern and southeastern portion of the subject property from at least 1938 until circa 1948. Residences and barns were also present on the subject property in 1938. The earliest evidence of relatively larger dairy farming operations was observed on the southeastern portion of the subject property in the 1967 aerial photograph. The operations were expanded in the 1970s through the late 1980s. The six residences were constructed at various times on the subject property from circa 1938 to circa 1975. Additional operations on the subject property have included the manufacture of fertilizer by Partida Fertilizer since 2004; the manufacture of pallets by Pallet Supply Wood Services since 2013; and subleased space for raising cattle for beef since 2014. Previous occupants and/or owners of the subject property have included Ian Young (1970), Ted Bouma (1970-1990), Haagsma Dave Dairy / Richard Haagsma / Lee Henrietta (1970-2008), Martin Bouma (1980- 2003), Tony Soares (1983-1988), Nancie Soares (1983-1988), Joe R Soares (1983), American Breeders Service, Humberto R Gomez (1988), Partida Fertilizer (2004-Present), Minaberry Family LLC (2006-Present), Bernard Minaberry (2008),



Rosa Medel 2011), Pallet Supply Wood Services (2013-Present), Mario Garcia (cattle breeding) (2014-2016), and an unnamed contractor (cattle breeding) (2016-2017).

The immediately surrounding properties consist of similar dairy properties to the north across Eucalyptus Avenue (vacant and unidentified addresses); a distribution warehouse (8601 Merrill Avenue) and P&D Dairy (8749 Merrill Avenue) to the south, Majestic Dairy (8911 Eucalyptus Avenue) and Gardener Trucking (9032 Merrill Avenue) to the east; and Hettinga Dairy (GH Dairy) (8643 Eucalyptus Avenue) to the west.

According to information obtained from the Regional Water Quality Control Board (RWQCB), groundwater in the vicinity of the subject property is approximately 130 feet below ground surface (bgs) and flows toward the south-southwest.

#### **Findings**

A recognized environmental condition (REC) refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following RECs were identified during the course of this assessment:

• The long term use of the subject property as a dairy farm is considered a REC due to the potential for the buildup of nitrates and ammonia in soil from animal waste. In addition, the previous use as agricultural land and orchards may lead to the presence of pesticides and arsenic in surficial soil. Since the subject property is planned for redevelopment, surficial soil containing these materials will be disturbed and will need to be handled appropriately. Other than the manure accumulation area on the northern portion of the property and the Partida Fertilizer sub-leased space on the center of the subject property, Partner did not observe areas of accumulation that would be expected to create substantial issues during development.

Minaberry Dairy at 8731 Eucalyptus is identified in the Compliance Enforcement database as receiving oral enforcement actions and one civil liability enforcement action for the discharge of manure runoff in stormwater in 2001. Four private water wells are located on the subject property (it appears that three were installed for drinking water and one for irrigation purposes); therefore, the discharge and runoff have the potential to impact the water wells.

• According to RWQCB records, the subject property is situated within the South Archibald Trichloroethylene (TCE) Plume, which is mapped to originate from a source approximately 1.6 miles north of the subject property. A plume map found in RWQCB file materials depicts an area of groundwater under the subject property with concentrations of TCE less than 5 parts per billion (ppb). The Environmental Protection Agency (EPA) Maximum Contaminant Limit (MCL) for TCE is 5 ppb. The plume is being managed by the Chino Basin Desalter Authority, the Inland Empire Utilities Agency, and the City of Ontario.

Partner notes that groundwater at the subject property is used for irrigation and washing purposes (but not consumption) at this time; potable water is supplied to the subject property by the managers of the TCE plume. The well construction details for the subject property wells are not



known, although according to Partner's interview with the RWQCB, groundwater is present at approximately 130 feet bgs in the subject property area (and therefore vapor intrusion is not a concern). The TCE plume located beneath the subject property is considered a REC.

A controlled recognized environmental condition (CREC) refers to 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, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

Partner did not identify controlled recognized environmental conditions during the course of this
assessment.

A historical recognized environmental condition (HREC) refers to 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. The following was identified during the course of this assessment:

• Two USTs likely to have contained either gasoline or diesel were situated on the subject property south of the primary residence (8731 Eucalyptus Avenue). The USTs were reportedly removed by the property owner prior to 2003. A subsurface investigation to investigate the former UST locations was conducted in 2008. Two borings were advanced in the area of the USTs to a depth of 20 feet bgs. The soil samples submitted for analysis did not contain total petroleum hydrocarbons (TPH) as gasoline and diesel fuel, benzene, toluene, ethyl benzene, xylenes (BTEX), or methyl tert-butyl ether (MTBE) above the laboratory detection limits. A report was submitted to the SBCFD on December 1, 2008. The SBCFD granted closure for the USTs on January 20, 2009. Based on the results of the subsurface investigation and subsequent closure by the SBCFD, the former USTs are considered a historical REC.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- An approximately 500-gallon diesel aboveground storage tank (AST) for farm equipment refueling
  is located just south of the 8731 Eucalyptus residence, in the location of one of the former USTs.
  According to Mr. Minaberry, this AST was located east of the milk barn during Partner's August
  2016 Phase I Environmental Site Assessment. No staining or leaks were observed in the vicinity of
  the AST.
- As part of herd care, cows are washed with two separate treatments; a foot bath consisting of a 2 to 5% formaldehyde solution and iodine for rinsing the udders. In addition, chlorinated alkaline cleaning solution is used to clean the milk silos. Wastewater from these processes is discharged to the pastures to provide irrigation water. The subject property, under Minaberry Dairy at 8731 Eucalyptus, is identified with an active permit with the San Bernardino County for Hazardous



Materials 4-10 Chemicals. Partner did not identify any permits associated with the discharge of wastewater from the cleaning solutions.

- At least five septic systems have been used at the subject property from at least 1967 to present. The location of the septic systems are unknown; however, reportedly only receive domestic waste from the six residences. Based on this information, the septic systems are not considered a significant environmental concern.
- Partner observed abandoned vehicles, silos, empty ASTs formerly used to store water or fuel, waste tires, and farm equipment no longer in use throughout the subject property. No staining was observed in the areas the debris was observed; however, due to the size of the subject property, foliage, and presence of scattered debris, Partner was not able to inspect each area specifically for staining. Partner recommends a reassessment of these areas following the removal of the debris to verify that no surficial impact of soil has occurred. Based on site observations, the storage of these materials are not considered a significant environmental concern at this time.
- Due to the age of the subject property buildings (pre-1975), there is a potential that asbestos-containing material (ACM) and/or lead-based paint (LBP) are present. Overall, all suspect ACMs and painted surfaces were observed in good condition and do not pose a health and safety concern to the occupants of the subject property at this time. A demolition-level survey will be required prior to building demolition.
- According to Community Panel Number 06071C9375H dated August 28, 2008, the subject property
  is located in an area designated with a 0.2% annual chance of a flood; 1% annual chance of flood
  with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas
  protected by levees from 1% annual chance flood.

#### **Conclusions, Opinions and Recommendations**

Partner has performed a Phase I Environmental Site Assessment Update in conformance with the scope and limitations of ASTM Practice E1527-13 of 8731 Eucalyptus Avenue and associated buildings in the City of Ontario, Ontario County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed evidence of recognized environmental conditions and/or environmental issues in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

- A limited subsurface investigation should be conducted in order to determine the presence or absence of soil and/or groundwater contamination due to the use of the subject property (and/or a soil management plan should be put in place to address any contaminated soils encountered during property development);
- Since the TCE groundwater plume originating from north of the subject property is present beneath the subject property, and since groundwater at the subject property is used to irrigate on-site fields, the drinking water and irrigation wells at the subject property should be sampled for TCE;



- A demolition-level ACM and LBP survey should be performed in order to safely remove the suspect ACMs and LBP located at the subject property prior to any demolition; and .
- Partner observed abandoned vehicles, silos, empty ASTs formerly used to store water or fuel, waste tires, and farm equipment no longer in use throughout the subject property. Partner recommends a reassessment of these areas following the removal of the debris to verify no surficial impact of soil from petroleum products occurred.



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Figure 1 Site Location Map

Figure 2 Site Plan

Figure 3 Topographic Map

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**Appendix A** Site Photographs

**Appendix B** Historical/Regulatory Documentation

**Appendix C** Regulatory Database Report

**Appendix D** Qualifications



#### 1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment Update (ESA) in general conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and as set forth by the Master Services Agreement between Prologis and Partner dated April 18, 2013 for the property located at 8731 Eucalyptus Avenue in the City of Ontario, San Bernardino County, California (the "subject property"). This report serves to update the Minaberry Land portion of the Phase I Environmental Site Assessment prepared by Partner on August 16, 2016. Any exceptions to, or deletions from, this scope of work are described in the report.

#### 1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-13) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the ESA Report will be used by Client to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property's overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This ESA was performed to permit the *User* to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "landowner liability protections," or "LLPs"). ASTM Standard E1527-13 constitutes "all appropriate inquiry into the previous ownership and uses of the *property* consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

#### 1.2 Scope of Work

The scope of work for this ESA is in general accordance with the requirements of ASTM Standard E1527-13. This assessment included: 1) a property and adjacent site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments, and building departments in order to determine any current and/or former hazardous substances usage, storage, and/or releases of hazardous substances on the subject property. Additionally, Partner researched information on the presence of activity and use limitations (AULs)



at these agencies. As defined by ASTM E1527-13, AULs are the legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or groundwater on the property.

If requested by Client, this report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), mold, and/or radon.

#### 1.3 Limitations

Partner warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes that the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No other warranties are implied or expressed.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon, and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.



#### 1.4 User Reliance

Prologis engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope, and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of Prologis. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted the Terms and Conditions for which this report was completed.

#### 1.5 Limiting Conditions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-13.

Specific limitations and exceptions to this ESA are more specifically set forth below:

- Interviews with past owners, operators, and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment.
- Partner was unable to determine the subject property use at 5-year intervals, which constitutes a
  data gap. Information concerning historical use of the subject property was unavailable from 1902
  to 1938. Except for property tax files and recorded land title records, which were not considered to
  be sufficiently useful, Partner reviewed all standard historical sources and conducted appropriate
  interviews.
- Partner submitted a Freedom of Information Act (FOIA) request to the Ontario Building Department
  for information pertaining to any building department files or violations that have been
  administered since the July 2016 request by Partner. As of the date of this report, this agency has
  not responded to Partner's request. These records should be obtained and reviewed in order to
  rule out potential environmental concern to the subject property.
- Partner observed the main operational buildings for the dairy farms during the site reconnaissance.
   The interior of the private residences were not observed as well as several of the smaller storage



buildings. This limited method of survey is not expected to alter the overall findings of this assessment.



#### 2.0 SITE DESCRIPTION

# 2.1 Site Location and Legal Description

The subject property comprises 73.86 acres of land identified as the Minaberry property with the primary address of 8731 Eucalyptus Avenue in the City of Ontario, San Bernardino County, California (subject property). Additional addresses associated with the subject property include 8831 and 8888 Eucalyptus Avenue and 8920, 8816, and 8810 Merrill Avenue.

The subject property is generally bound by Eucalyptus Avenue to the north, Merrill Avenue to the south and dairy farms to the west and east. Vineyard Avenue extends south off of Eucalyptus Avenue through the northeastern portion of the subject property. The subject property is located within a mixed agricultural and industrial area of the City of Ontario in San Bernardino County.

According to the San Bernardino County Assessor, the subject property is identified as 1054-171-01/02/03/04; 1054-181-01/02; 1054-191-01/02; and 1054-361-01/02 with ownership vested in Minaberry Family LLC (Minaberry property) since 2006.

Please refer to Figure 1: Site Location Map, Figure 2: Site Plan, Figure 3: Topographic Map, and Appendix A: Site Photographs for the location and site characteristics of the subject property.

# 2.2 Current Property Use

The majority of the subject property is currently occupied by Minaberry Dairy for the production of milk. Six private residences are also located on the subject property. Minaberry Family LLC also leases out portions of the subject property: Partida Fertilizer leases approximately 4 acres of land for the manufacturing of fertilizer from composting manure, Pallet Supply Wood Services leases approximately 1/3 acre in and around the former southern commodities barn for the manufacturing of pallets, and a private contractor (name not provided to Partner by the site contact) leases approximately 7 acres for raising cattle for beef.

Onsite structures or features include: six single-family residences; two milk barns (one of which is inactive); cattle staging areas prior to milk production; feeding corrals; manure/fertilizer storage areas; hay storage; pastures; a commodities barn (feed preparation); barns and/or storage structures throughout, a pallet manufacturing company; horse corrals; and at least eight detention ponds. In addition to these site features, landscaped areas are located on the northern property boundary along Eucalyptus Avenue and along the southeastern property boundary along Merrill Avenue and a portion of Vineyard Avenue, extending south from Eucalyptus Avenue near the northeastern portion of the subject property.

The Minaberry Dairy has approximately 1,500 Holsteins for milk production. Minor amounts of chemicals and hazardous materials in the form of cleaners are used on the subject property as part of milk production and herd upkeep. Prior to entering the milk barn, the cows enter a staging area where their undersides and udders are rinsed with water. Upon entering the milking station, their feet are rinsed in a "foot bath," a 2 to 5% formaldehyde solution, then their udders are rinsed again prior to being attached to the automatic milking machine.



Pesticides are not used on the subject property; however, an insecticide is applied to the hay stored on a weekly basis by an outside contractor.

The subject property is designated for agricultural land by the City of Ontario.

The subject property, under the names of Ag-Bouma Dairy, Minaberry Dairy, Minaberry Dairy #1, and Bouma Dairy, was identified as a San Bernardino County Permit Site Underground Storage Tank (UST), Water Board Enforcement Actions (ENF), Historical UST (HIST UST), Statewide Environmental Evaluation and Planning System (SWEEPS) UST, CA Facility Inventory Database (FID) UST, emissions inventory data (EMI) and a Solid Waste Facilities/Landfill (SWF/LF) site in the regulatory database report, as further discussed in Section 4.2:

# 2.3 Current Use of Adjacent Properties

The subject property is located within an agricultural and industrial area of the City of Ontario in San Bernardino County. During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

#### Immediately Surrounding Properties

**North:** Eucalyptus Avenue beyond which is agricultural land

**South:** Merrill Avenue beyond which is a large distribution warehouse (UAB Enterprises, 8601 Merrill

Avenue, formerly 8649 Merrill Avenue), dairy farm (8749 Merrill Avenue), and P&D Dairy (8919

Merrill Avenue)

East: Majestic Dairy (8911 Eucalyptus Avenue) and Gardner Trucking (9032 Merrill Avenue)

West: Hettinga Dairy (8643 Eucalyptus Avenue)

The adjacent property to the west (8643 Eucalyptus Avenue); the adjacent property to the southwest (8649 Merrill Avenue); the adjacent properties to the east (8911 Eucalyptus Avenue and 9032 Merrill Avenue); and the adjacent property to the south (8749 Merrill Avenue) are identified in various regulatory databases. These sites are further discussed in Section 4.2.

# 2.4 Physical Setting Sources

#### 2.4.1 Topography

The United States Geological Survey (USGS) *Corona North, California* Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines on the topographic map, the subject property is located between 660 and 680 feet above mean sea level (MSL). The contour lines in the area of the subject property indicates the area gently slope toward the south-southwest. The 2012 topography map does not depict building features in the mapping. The subject property is depicted on the 1981 map as developed with residences along the northern portion and barn-structures on the northern, central, and southeastern portions.

A copy of the 2012 topographic map is included as Figure 3 of this report.



#### 2.4.2 Hydrology

According to topographic map interpretation, the direction of groundwater in the vicinity of the subject property is inferred to flow toward the south-southwest. The nearest surface water in the vicinity of the subject property is the Cucamonga Creek located approximately 0.75 miles to the east of the subject property. No lagoons or wetlands were observed at the subject property during this assessment; however, at least three detention ponds were observed during the site reconnaissance and appeared to be dry. Based on aerial photographs (Section 3.1), there appears to be at least eight detention ponds on the subject property.

According to Mr. Minaberry, four groundwater wells are located on the Minaberry property; it appears that three wells are utilized for domestic use and one well for irrigational use. The northern two wells on the Minaberry property are located at the primary residence and at the milk barn. According to the site contact, groundwater from on-site wells is used for domestic use (showers and cooking) within the primary residences; however, the residents do not use the well water for potable use, reportedly due to "water quality." Water for potable use is delivered via truck and distributed on-site to four large 500-gallon water holding tanks for the three residences serviced by a groundwater well. Further information regarding the on-site water supply wells is provided in Section 6.1.

According to the Kamron Saremi of the Regional Water Quality Control Board (RWQCB), groundwater in the vicinity of the subject property is 130 feet below ground surface (bgs) and flows toward the south-southwest.

### 2.4.3 Geology/Soils

The subject property is located in the Upper Santa Ana Valley, a broad alluvial and fluvial plain located within the Los Angeles, Orange, Riverside, and San Bernardino Counties. The Upper Santa Ana Valley is a southwesterly draining basin bounded by the San Gabriel Mountains and San Bernardino Mountains on the north and east, the Puente and San Jose Hills on the west and the Jurupa Hills and the Santa Ana Mountains to the south. The mountain range on the north and south and the basement rock underlying the Valley, are primarily composed of granitic and metamorphic rock. The hills to the west are composed of Miocene sandstone, shale, siltstone, and conglomerate. Within the Valley, the basement complex is overlain by a series of unconsolidated and semi-consolidated alluvial and fluvial sediments eroded from the surrounding mountain ranges. Subsurface lithology in the general vicinity is mapped as recent-age alluvium and colluvium.

Based on information obtained from the USDA Natural Resources Conservation Service Web Soil Survey online database, the subject property is mapped as Delhi fine sand. The Delhi series consists of Class A high filtration rates. Soils are deep well drained to excessively drained sand and gravels. Slopes range from 0 to 1 percent.

According to a 2008 Report of Environmental Sampling for the Minaberry property (8731 Eucalyptus Avenue), two soil borings were advanced in the vicinity of two former USTs on the north-central portion of the subject property. The soil borings were advanced to a depth of 20 feet bgs and the soil was classified



as silty sand, brown, medium dense, moist with fine to medium grained sand to a depth of 20 feet bgs with traces of clay and gravel encountered at terminal depth. No groundwater was encountered.

#### 2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 06071C9375H dated August 28, 2008, the subject property is located in an area designated with a 0.2% annual chance of a flood; 1% annual chance of flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

A copy of the reviewed flood map is included in Appendix B of this report.



#### 3.0 HISTORICAL INFORMATION

Partner obtained historical use information about the subject property from a variety of sources. A chronological listing of the historical data found is summarized in the table below:

Historical Use Information					
Period/Date	Source	Description/Use			
1902-1948	Topographic Maps	Undeveloped or Agricultural land (row crops or orchards)			
1967-Present	Aerial Photographs, Topographic Maps, Building Records, City Directories, On-site Observations, Previous Environmental Reports	. , ,			

According to available historical sources, the majority of subject property was undeveloped or used for agricultural purposes prior to 1948. An orchard was present on the eastern and southeastern portion of the subject property from at least 1938 until circa 1948. Residences and barns were also present on the subject property in 1938. The earliest evidence of relatively larger dairy farming operations was observed on the southeastern portion of the subject property in the 1967 aerial photograph. The operations were expanded in the 1970s through the late 1980s. The six residences were constructed at various times on the subject property from circa 1938 to circa 1975. Additional operations on the subject property included the manufacture of fertilizer by Partida Fertilizer since 2004, a pallet manufacturer, Pallet Supply Wood Services, since 2013 and raising cattle for beef since 2014.

Previous occupants and/or owners of the subject property have included Ian Young (1970), Ted Bouma (1970-1990), Haagsma Dave Dairy / Richard Haagsma / Lee Henrietta (1970-2008), Martin Bouma (1980-2003), Tony Soares (1983-1988), Nancie Soares (1983-1988), Joe R Soares (1983), American Breeders Service, Humberto R Gomez (1988), Partida Fertilizer (2004-Present), Minaberry Family LLC (2006-Present), Bernard Minaberry (2008), Rosa Medel 2011), Pallet Supply Wood Services (2013-Present), Mario Garcia (cattle breeding) (2014-2016), unnamed contractor (cattle breeding) (2016-2017).

Potential environmental concerns associated with property use is discussed in Section 4.2.

#### 3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from Environmental Data Resources (EDR) on July 12, 2016. Since the most recently aerial photograph available is dated 2012, it was not deemed useful to re-order aerial photographs as part of this Phase I Environmental Site Assessment Update effort. The following observations were noted to be visible on the subject property and adjacent properties during the aerial photograph review:



Date: 1938 Scale: 1"=500'

**Subject Property:** The majority of the subject property appears to be agricultural land; a ridge of trees is

present along the central portion of the subject property and two dry stream beds appear to be traversing from the north-central and northeastern corner of the subject property toward the southwest corner; the southeastern portion of the subject property

appears to be an orchard

North: An improved roadway (present-day Eucalyptus Avenue) with agricultural land visible

beyond

**South:** An improved roadway (present-day Merrill Avenue) with an orchard beyond

East: Orchard

West: Agricultural land

Date: 1948, 1953 Scale: 1"=500'

Subject Property: The majority of the subject property remains agricultural in use; the orchards and dry

stream beds are no longer evident; a ridge of trees remains along the central portion of the subject property and another ridge extending off of the main ridge toward the

eastern property boundary

**North:** No significant changes visible

**South:** The orchards to the south are no longer visible and appears to be agricultural (crop)

land

**East:** The orchards to the east are no longer visible and appears to be agricultural (crop)

land

**West:** No significant changes visible

Date: 1967 Scale: 1"=500'

**Subject Property:** The central and northeastern portions of the subject property remains agricultural in use;

at least two residences, several barns, including a portion of the milk barn, pens and

pasture land are visible on the southeastern portion of the subject property

**North:** No significant changes visible, except a dairy farming operation is visible farther

northwest

**South:** No significant changes visible, except residences and what appear to be associated

dairy farming operations are visible on the southwest and southeast adjoining sites

East: Agricultural land with two associated residences and barns are located to the east of the

subject property along present-day Merrill Avenue

**West:** The Hettinga property appears to be fully developed with the dairy operations; at least

two residences are visible on the northwestern portion of the property; a portion of the milk barn as well as several other barn structures are also visible in this area; two pens with livestock are visible to the south of the milk barn; pasture land is visible south of the

pens and covers a majority of this portion of the property



Date: 1975 Scale: 1"=500'

**Subject Property:** The central portion of the subject property is now developed with a residence, milk

barn as well as several other barn structures, pens and pasture land to the south of the pens; the northeastern portion of the subject property now appears to be developed with the two present-day residential structures with the remaining area pasture or agricultural land; the dairy operations on the southeastern portion of the subject property remains and is similar to the 1967 aerial photograph, except a third

residence is now visible

**North:** No significant changes visible

**South:** Two additional dairy farming operations are visible

**East:** Dairy farming operations are visible along Eucalyptus Avenue; the farming operations

and two associated residences along Merrill Avenue appear to have expanded their

operations and additional structures are visible

**West:** Dairy farming operation have been expanded

Date: 1985 Scale: 1"=500'

**Subject Property:** No significant changes visible No significant changes visible

**South:** Similar to the 1975 aerial photograph, except one remaining parcel of land, previously

agricultural, appears to be under construction as a dairy farming operation

**East:** Similar to the 1975 aerial photograph, except the dairy farming operation on the east

adjacent site along Eucalyptus Road appears to be extending farther to the south

**West:** Similar to the 1975 aerial photograph with additional dairy farming operations visible

farther to the west

Date: 1989 Scale: 1"=500'

**Subject Property:** No significant changes visible, except the commodities barn is now present

**North:** An additional dairy farming operation is visible north of the subject property, with a

detention pond to the north and northwest along Eucalyptus Avenue

**South:** Similar to the 1985 aerial photograph, except the dairy farm previously under

construction appears to be in operation

**East:** No significant changes visible **West:** No significant changes visible

Date: 1990 Scale: 1"=500'

Subject Property: No significant changes visible, except pens are now visible on the northeastern

portion of the subject property; an elongated oval detention pond is now visible on

the south-central portion of the subject property

North: No significant changes visible

South: No significant changes visible

East: No significant changes visible

West: No significant changes visible



Date: 1994 Scale: 1"=500'

**Subject Property:** No significant changes visible, except what appears to be a manure pile is visible on

the south-central portion of the subject property

North: No significant changes visible
South: No significant changes visible
East: No significant changes visible
West: No significant changes visible

Date: 2005 Scale: 1"=500'

Subject Property: At least four detention ponds are now visible on the south central portion of the

subject property; two detention ponds are present on the southeastern portion of the subject property, with two that appear to be dry; the central-east portion of the subject property appears to be developed with a separate operation; an elongated detention pond is visible as well as multiple vehicles and barns or trailer-style temporary structures; to the northeast of this operation are what appear to be several

larger mounds of manure

**North:** Additional retention ponds and mounds of soil are visible along the north of

Eucalyptus Avenue and farther north; the northeastern adjacent site remains primarily

agricultural (crop) land

**South:** No significant changes visible

**East:** The residences and farming operations along Merrill Avenue are no longer visible;

detention ponds are visible bordering the southeastern portion of the subject property; farther east is a commercial operation with numerous semi-tractor trailers

visible on the surrounding paved surfaces

**West:** No significant changes visible

Date: 2006 Scale: 1"=500'

**Subject Property:** No significant changes visible

**North:** No significant changes visible, except the agricultural land northeast of the subject

property appears to have been further subdivided with what appear to be irrigation

channels

South: No significant changes visible
East: No significant changes visible
West: No significant changes visible

Date: 2009 Scale: 1"=500'

**Subject Property:** No significant changes visible, except two additional detention ponds appear to be

filled with water

**North:** No significant changes visible, except the irrigation channels are not visible

**South:** No significant changes visible, except all the structures on the dairy farm operation

on the southwest adjacent site appear to have been razed

**East:** No significant changes visible

West: The dairy farm operation has been reconfigured and several of the barns are no

longer visible



Date: 2010 Scale: 1"=500'

**Subject Property:** No significant changes visible **North:** No significant changes visible

**South:** No significant changes visible, except all the structures on the dairy farm operation

on one of the south adjacent sites appear to have been razed

**East:** No significant changes visible

**West:** An increase in agricultural development

Date: 2012 Scale: 1"=500'

Subject Property:No significant changes visibleNorth:No significant changes visibleSouth:No significant changes visible

East: No significant changes visible, except the detentions ponds along the southeastern

property boundary appear to be filled in

**West:** No significant changes visible

Copies of aerial photographs are included in Appendix B of this report.

### 3.2 Fire Insurance Maps

Sanborn map coverage was not available for the subject property.

A copy of the "No Coverage" letter is attached in Appendix B.

#### 3.3 City Directories

Partner reviewed historical city directories obtained from EDR on July 11, 2016 for past names and businesses that were listed for the subject property and adjacent properties along Eucalyptus Avenue. The findings are presented in the following table:

#### City Directory Search for 8731 Eucalyptus Avenue (Subject Property)

**Year(s) Occupant Listed**1980, 1985, 1990, 1995, 2003

Martin Bouma

#### City Directory Search for 8831 Eucalyptus Avenue (Subject Property)

**Year(s)** Occupant Listed
1970, 1975, 1980, 1985, 1990, 1995,
2003

Occupant Listed
Ian Young

#### City Directory Search for 8888 Eucalyptus Avenue (Subject Property)

 Year(s)
 Occupant Listed

 1970, 1975, 1980, 1985, 1990
 Ted Bouma

 2008
 Bernard Minaberry



City Directory Search for 8810, 8816, 8920 Merrill Avenue (Subject Property)				
Year(s)	Occupant Listed			
1983	Tony Soares (8810 Merrill Avenue);			
	Narcie Soares (8816 Merrill Avenue);			
	Joe R Soares (8920 Merrill Avenue)			
1988	Tony Soares (8810 Merrill Avenue);			
	Narcie Soares (8816 Merrill Avenue);			
	American Breeders Service, Humberto			
	R Gomez (8920 Merrill Avenue)			
1993	"XXXX" - no information listed (8810,			
	8920 Merrill Avenue)			
2011	Rosa Medel (8810 Merrill Avenue);			
	"XXXX" - no information listed (8816,			
	8920 Merrill Avenue)			

#### City Directory Search for 8649 Merrill Avenue (Southwestern Abutter)

**Year(s)**Occupant Listed
1983, 1988, 1993
Ray Albers

#### City Directory Search for 8749 Merrill Avenue (Southern Abutter)

**Year(s)**Occupant Listed
1983, 1988, 1993
Teunis Teune

#### City Directory Search for 8919 Merrill Avenue (Southeastern Abutter)

**Year(s)**Occupant Listed
1983, 1988, 1993
Tony D Visser

# City Directory Search for 8643 Eucalyptus Avenue (Western Abutter)

 Year(s)
 Occupant Listed

 1975, 1980, 1985,
 Haagsma Dave Dairy / Richard

 1990, 1995, 2003, 2008
 Haagsma / Lee Henrietta

#### City Directory Search for 8911 Eucalyptus Avenue, 9032 Merrill Avenue (Eastern Abutters)

Year(s)	Occupant Listed			
1983	Terpstra Construction, Ted Terpstra			
	(9032 Merrill Avenue)			
1988	"XXXX" (no information listed) (8911			
	Eucalyptus Avenue); Terpstra			
	Construction, Ted Terpstra (9032			
	Merrill Avenue)			
1993	Terpstra Construction, Ted Terpstra			
	(9032 Merrill Avenue)			
2011	"XXXX" - no information listed (9032			
	Merrill Avenue)			

Environmental concerns associated with current and previous uses on the subject property are discussed in Section 4.2. Copies of reviewed city directories are included in Appendix B of this report.



### 3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from EDR. No pits, ponds, lagoons, or areas of obvious fill were observed in the mapping. The following observations were noted to be depicted on the subject property and adjacent properties during the topographic map review:

Date: 1942

**Subject Property:** The eastern portion of the subject property is depicted as an orchard Undeveloped or agricultural land beyond an unimproved roadway

**South:** Orchard beyond an improved roadway **East:** Orchard beyond an unimproved roadway

**West:** Two residential structures are depicted surrounded by undeveloped land

Date: 1954

**Subject Property:** The orchard is no longer depicted

North: Undeveloped or agricultural land beyond Eucalyptus Avenue
South: Undeveloped or agricultural land beyond Merrill Avenue

**East:** Undeveloped or agricultural land **West:** Three structures are now depicted

Date: 1973, 1981

**Subject Property:** Two residential structures are depicted on the southeastern portion of the

subject property; several other additional structures, which are not distinguishable between residential structures or barns are present on the

northern and southeastern portion of the subject property

North:
No significant changes were depicted
The present-day dairy is depicted

Date: 2012

**Subject Property:** The subject property is depicted in a developed area; no specific features, other

than improved roadways, are depicted

**North, South,** The area surrounding the subject property is depicted in a developed area; no

**East, West:** specific features, other than improved roadways, are depicted

Copies of reviewed topographic maps are included in Appendix B of this report.



# 4.0 REGULATORY RECORDS REVIEW

# 4.1 Regulatory Agencies

#### 4.1.1 State Department

**Regulatory Agency Data** 

Name of Agency: Regional Water Quality Control Board (RWQCB), Santa Ana River

Basin

Point of Contact: On-line

**Agency Address:** 3737 Main Street, Suite 500, Riverside, California

**Agency Phone Number:** (951) 781-4499 **Date of Contact:** February 23, 2017

**Method of Communication:** http://www.envirostor.dtsc.ca.gov/public/

**Summary of Communication:** 

According to Envirostor mapping, no files are present for the subject

property or properties abutting the subject property.

Because the site contact indicated that on-site drinking water is not safe for consumption, Partner contacted the Chino Basin Water Hotline phone number (as provided by the site contact). Partner was referred to EEC Engineering, who is currently monitoring impacted

groundwater in the area.

Based on additional research on the RWQCB website, the subject property is situated within the South Archibald Trichloroethylene (TCE) Plume. Groundwater in the site vicinity has been affected by TCE, a chemical used for a variety of industrial purposes. Groundwater well users in the area who are not connected to the municipal water supply and whose wells have been affected are offered alternative supplies of drinking water. The plume is being managed by the Chino Basin Desalter Authority, the Inland Empire Utilities Agency, and the City of Ontario. The reference documents provided by EEC Engineering are provided in Appendix B.

A copy of file review request is included in Appendix B of this report.

#### 4.1.2 Health Department

**Regulatory Agency Data** 

Name of Agency: San Bernardino County, Department of Public Health, Division of

Environmental Health Services (SBCEHS)

Point of Contact: Claudia Remos

**Agency Address:** 351 North Mountain View Avenue, San Bernardino, California

Agency Phone Number:(800) 442-2283Date of Contact:July 26, 2016Method of Communication:Telephone



#### **Regulatory Agency Data**

Summary of Communication: According to SBCEHS, they no longer keep records for USTs for

petroleum products. They have released their records to San Bernardino County Fire Department, Hazardous Materials Division.

#### 4.1.3 San Bernardino County Fire Department

Regulatory Agency Data

Name of Agency: San Bernardino County Fire Department, Hazardous Materials

Division (SBCFD)

Point of Contact: Maria Molina

**Agency Address:** 620 South E Street, San Bernardino, California

Agency Phone Number:(909) 386-8468Date of Contact:February 21, 2017Method of Communication:E-Mailed Request

Summary of Communication: Partner reviewed files at the San Bernardino County Fire

Department, Hazardous Materials Division on August 12, 2016 and received an update in February 2017 that no additional records have been filed. Following is a summary of the

documents reviewed.

Records Reviewed					
Year(s) Document Description					
November 6, 2000	Letter	Letter by Mr. Martin Bouma to the SBCFD indicating USTs were removed from the subject property without oversight from SBCFD			
August 23, 2008	Letter	Letter from the SBCFD acknowledging the USTs removed from the subject property were removed without oversight from the agency			
January 20, 2009	No Further Action	No Further Action letter issued by the SBCFD for the UST removal at 8731 Eucalyptus; see Section 4.2 for further discussion of the USTs			
April 1, 2009	Inventory Summary Form	Inventory of Hazardous Material or Waste for GH Dairy #3 (8643 Eucalyptus); 55 gallons of acid; 55 gallons of chlorine; 2,000 pounds (50 pound containers) of copper sulfate; 220 gallons (55-gallon containers) of IO Shield; 55 gallons of chlorinated soap			
February 24, 2014	Hazardous Waste Generator and Hazardous Materials Handler Inspection Report	Inspection conducted for Minaberry Dairy (8731 Eucalyptus); inspection report indicated permits were current; the facility no longer generates waste; spillage was observed beneath a diesel tank; and inventory of hazardous materials included two 500-gallon diesel tanks, one 275-gallon formaldehyde foot bath; three 55-gallon drums of treat dip and two 55-gallons of pipe cleaner			



Regulatory Agency Data				
May 1, 2014	Annual Permit	Annual permit issued on May 1, 2014 to GH Dairy #3		
		(8731 Eucalyptus) for Permit PT0021465, Program 4243		
		Hazardous Materials 4-10 Chemicals and 5023 CUPA		
		Annual Admin Permit Program Fee – Level 2		
June 1, 2015	<b>Annual Permit</b>	Annual permit issued on June 1, 2015 to Minaberry Dairy		
		(8643 Eucalyptus) for Permit PT0018933, Program 4243		
		Hazardous Materials 4-10 Chemicals		

A copy of pertinent documents is included in Appendix B of this report.

# 4.1.4 Air Pollution Control Agency

# Regulatory Agency Data

Name of Agency: South Coast Air Quality Management District (SCAQMD)

**Point of Contact:** On-line

**Agency Address:** 21865 Copley Drive, Diamond Bar, California

**Agency Phone Number:** (909) 396-3700 **Date of Contact:** February 23, 2017

**Method of Communication:** http://www3.aqmd.gov/webappl/fim/prog/search.aspx

Summary of Communication: The online records identified one record for Michel P. Minaberry

Dairy, Facility ID 144861 at 8920 Merrill Avenue. Two permits were issued on March 30, 2007 for AGOPS Dairy and AGOPS Emergency Ice (50-500 HP). Both of these permits are listed as inactive. No notices of violation or notices to comply were identified in the

records.

The online records also identified Minaberry Dairy #1, Facility ID 144860 at 8888 Eucalyptus Avenue. Two permits were issued on March 29, 2007 for AGOPS Dairy and AGOPS Emergency Ice (50-500 HP). Both of these permits are listed as inactive. No notices of violation or notices to comply were identified in the records.

A copy of pertinent documents is included in Appendix B of this report.

#### 4.1.5 Department of Toxic Substances Control

#### •

Name of Agency: California Department of Toxic Substances Control (DTSC) - Cypress

**Point of Contact:** On-line

**Regulatory Agency Data** 

**Agency Address:** 5796 Corporate Avenue, Cypress, California

**Agency Phone Number:** (714) 484-5337 **Date of Contact:** February 23, 2017

**Method of Communication:** http://hwts.dtsc.ca.gov/report\_list.cfm

**Summary of Communication:** The online database did not identify files for the subject property or

surrounding properties.

A copy of pertinent documents is included in Appendix B of this report.



#### 4.1.6 Building Department

#### **Regulatory Agency Data**

Name of Agency:Ontario Building DepartmentPoint of Contact:Kira Bower, Senior Permit TechnicianAgency Address:303 East B Street, Ontario, California

**Agency Phone Number:** (909) 395-2424 **Date of Contact:** February 23, 2017

**Method of Communication:** In person / Follow up e-mail

**Summary of Communication:** Records were available for review in July 2016, as further discussed in

the following table. Partner requested an update from the Ontario Building Department to confirm that no new records have been administered since July 2016. According to the site contact, no new

permits were sought in that timeframe.

#### Building Records Reviewed for 8888 Eucalyptus Avenue

Year(s) Owner/Applicant		Description		
May 16, 2012	Minaberry Family	Install a new 2 horsepower (HP) pump and electrical		
	LLC	panel for new water tank		
November 30	, 2012 Marie Minaberry	Install new 5,000-gallon water tank and piping.		

A copy of pertinent documents is included in Appendix B of this report.

#### 4.1.7 Planning Department

#### **Regulatory Agency Data**

Name of Agency:Ontario Planning DepartmentPoint of Contact:Cherlyn Pettigrew, Permit TechnicianAgency Address:303 East B Street, Ontario, California

Agency Phone Number: (909) 395-2415

Date of Contact: July 20, 2016

Method of Communication: Online

Summary of Communication: Partner reviewed the City of Ontario's Zoning Map. The map

indicates that the subject property is zoned as AG - agricultural land.

The zoning map has not been updated since July 2016.

A copy of the zoning map is included in Appendix B of this report.

#### 4.1.8 Oil & Gas Exploration

#### **Regulatory Agency Data**

Name of Agency: California Division of Oil, Gas and Geothermal Resources (DOGGR)

**Point of Contact:** Internet Search

**Agency Address:** 5816 Corporate Avenue, Suite 200, Cypress, California

**Agency Phone Number:** (714) 816-6847 **Date of Contact:** February 23, 2017

**Method of Communication:** Online

**Summary of Communication:** According to DOGGR, no oil or gas wells are located on or adjacent

to the subject property.



A copy of pertinent documents is included in Appendix B of this report.

#### 4.1.9 Assessor's Office

**Regulatory Agency Data** 

Name of Agency: San Bernardino County Assessor Office

**Point of Contact:** Counter Personnel

**Agency Address:** 172 West Third Street, San Bernardino, California

**Agency Phone Number:** (909) 387-8307 **Date of Contact:** February 23, 2017

**Method of Communication:** On-line

Summary of Communication: According to the San Bernardino County Assessor, the subject

property is identified as APNs 1054-171-01/02/03/04; 1054-181-01/02; 1054-191-01/02; & 1054-361-01/02 ownership is currently

vested in Minaberry Family LLC since 2006.

A copy of the current assessor parcel map and ownership are included in Appendix B of this report.

#### 4.1.10 California Department of Resources Recycling and Recovery

**Regulatory Agency Data** 

Name of Agency: California's Department of Resources Recycling and Recovery

(CalRecycle)

**Point of Contact:** N/A

**Agency Address:** http://www.calrecycle.ca.gov/SWFacilities/Directory/Search.aspx

**Agency Phone Number:** (916) 341-6300 **Date of Contact:** February 23, 2017

Method of Communication: Online

**Summary of Communication:** 

Information provided by CalRecycle included an application for a Solid Waste Information System (SWIS) number, Enforcement Agency Notification Form and Cover Letter for the Ontario Planning Department for a temporary Conditional Use Permit for composting at 8888 Eucalyptus for Partida Fertilizer. The form describes the screening and blending of manure, shavings, sawdust, woodchips, top soil/dirt, and sand. The product in turn is delivered to local bagging

plants and nurseries throughout southern California.

A copy of the pertinent documents is included in Appendix B of this report.

#### 4.2 Mapped Database Records Search

Information from standard federal, state, county, and city environmental record sources was provided by EDR. Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. The information contained in this report was compiled from publicly available sources and the locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

Using the ASTM definition of migration, Partner considers the migration of hazardous substances or petroleum products in any form onto the subject property during the evaluation of each site listed on the radius report, which includes solid, liquid, and vapor.



# 4.2.1 Regulatory Database Summary

Radius Report Data					
•	Search Radius	Subject	Adjacent	Sites of	
Database	(mile)	Property	Properties	Concern	
Federal NPL or Delisted NPL Site	1.00	N	N	N	
Federal CERCLIS Site	0.50	N	N	N	
Federal CERCLIS-NFRAP Site	0.50	N	N	N	
Federal RCRA CORRACTS Facility	1.00	N	N	N	
Federal RCRA TSDF Facility	0.50	N	N	N	
Federal RCRA Generators Site (LQG, SQG,	0.25	N	Y	N	
CESQG)					
Federal IC/EC Registries	0.50	Ν	N	N	
Federal ERNS Site	Subject Property	N	N	N	
State/Tribal Equivalent NPL	1.00	N	N	N	
State/Tribal Equivalent CERCLIS	1.00	N	N	N	
State/Tribal Landfill/Solid Waste Disposal Site	0.50	Y	N	N	
State/Tribal Leaking Storage Tank Site (LUST)	0.50	N	N	N	
State/Tribal Registered Storage Tank Sites	0.25	Y	Y	N	
(UST/AST)					
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	N	N	N	
State/Tribal Spills	0.50	N	N	N	
Federal Brownfield Sites	0.50	N	N	N	
State Brownfield Sites	0.50	N	N	N	
EDR MGP	Varies	N	N	N	
EDR US Hist Auto Station	Varies	N	N	N	
EDR US Hist Cleaners	Varies	N	N	N	
RCRA NonGen/NLR	Subject Property	N	N	N	
CA FID UST	Varies	Υ	Υ	N	
SEMS-Archive	Subject Property	N	N	N	
HAZNET	Subject Property	N	Υ	N	
Facility Index System (FINDS)	Subject Property	N	Y	N	
Enforcement and Compliance History Online	Subject Property	N	Y	N	
(ECHO)					
SWEEPS UST	Varies	Y	Y	N	
NPDES	Subject Property	N	Y	N	
San Bernardino County Permit Site	Subject Property	Y	Y	N	
Enforcement Action Listing (ENF)	Subject Property	Υ	Υ	N	
Hist UST	Subject Property	Y	Y	N	
EMI	Subject Property	Y	Y	N	
EI TII	Subject Froperty	•	•	1 N	



# 4.2.2 Subject Property Listings

The subject property, under the names of Ag-Bouma Dairy, Minaberry Dairy, Minaberry Dairy #1, and Bouma Dairy is identified as a San Bernardino County Permit, UST, ENF, HIST UST, SWEEPS UST, CA FID UST, EMI, and a SWF/LF site in the regulatory database report, as discussed below:

- Ag-Bouma and Bouma Dairy at 8731 Eucalyptus Avenue are listed as an inactive UST site for one 1,000-gallon product UST installed in 1970 and a second UST with unknown size and contents. See Section 5.2.6 for further discussion of the USTs.
- Minaberry Dairy #1 at 8731 Eucalyptus Avenue is listed as an ENF site. The ENF listing identified
  Minaberry Dairy #1 as producing animal waste and generating solid waste and stormwater runoff.
  Enforcement actions listed for the facility include an administrative civil liability enforcement action
  that involved the discharge of manure runoff in 2001. The fine of \$5,000 was suspended contingent
  upon spending \$5,000 toward the elimination of future discharges.
- Minaberry Dairy at 8731 Eucalyptus Avenue is listed as a San Bernardino Co Permit site. Minaberry Dairy is listed as an active Hazardous Materials 4-10 Chemicals site with an expiration date of May 31, 2017. According to the SBCFD website, facilities that handle hazardous materials or generate hazardous wastes will require a Certified Unified Program Agency (CUPA) permit that includes each applicable CUPA program element. The Uniform Fire Code has a provision for the local fire agency to collect information regarding hazardous materials at facilities for purposes of fire code implementation. Four inactive permits are also listed for Minaberry Dairy including: a Special Generator permit (expired May 31, 2014), a Hazmat Handler UST only permit (expired September 30, 1989), and two permits for UST Ownership/Operating Permit (expired September 30, 1989).
- Minaberry Dairy #1 at 8888 Eucalyptus Avenue is listed as a SWF/LF and EMIsite. The SWF/LF database listing indicates the operator, Partida Fertilizer, is a composting operation composting agriculture byproducts and manure onsite. This site is listed in the EMI database from 2006 through 2013 for emitting total organic hydrocarbon gases, reactive organic gases, and particulate matter. The ECHO listing indicates the facility is in a non-attainment area for air quality for ozone and particulate matter.

#### 4.2.3 Adjacent Property Listings

• The adjacent property adjacent to the east, Majestic Farms #2 at8911 Eucalyptus Avenue is identified as an EMI, ENF, and San Bernardino County Permit site. The EMI database indicates that the facility generated total organic hydrocarbon gas emissions, reactive organic gas emissions, and particulate matter emissions from 2006 through 2008. The facility was identified on the ENF database for receiving an oral warning regarding storm water runoff from the site in 2001. This facility is listed as having a National Pollutant Discharge Elimination System (NPDES) permit. Majestic Farms #2 is listed as an inactive Hazardous Materials (HAZMAT) Handler 0-10 Employees permitted site on the San Bernardino County Permit database. Based on the current regulatory status, these listings are not expected to represent an environmental concern.



- The adjacent property to the west, identified as GH Dairy #3 at 8643 Eucalyptus Avenue, is listed as an ENF and San Bernardino Co Permit site. The ENF listing identified GH Dairy #3 as producing animal waste and generating solid waste and stormwater runoff. This facility was listed on the ENF database for receiving two oral warnings regarding storm water runoff from the site in 1986 and 2013. GH Dairy #3 is listed as an active Hazardous Materials 4-10 Chemicals site with an expiration date of April 30, 2017. This facility is also identified as an inactive Hazmat Handler 0-10 employees site (expiration April 30, 2010) and an inactive Special Generator permit site (expiration April 30, 2007). Based on the current regulatory status, these listings are not expected to represent an environmental concern.
- The property adjacent to the south, south of Merrill Avenue, Struikmans and Sons Dairies, Teunes Dairy, AG-Teune's Dairy at 8749 Merrill Avenue is identified on the UST, HIST UST, ENF, San Bernardino County Permit, SWEEPS UST, and CA FID UST databases in the regulatory database report. This facility is listed on the UST, HIST UST, SWEEPS UST, and the CA FID UST databases for an active 1,000-gallon regular gasoline UST. This facility is not listed on any other environmental databases indicative of a release or contamination. Struikmans and Sons Dairies was listed on the ENF database for receiving a staff enforcement letter and two oral warnings regarding storm water runoff from the site. This facility is listed as having four inactive permits with San Bernardino County. Based on the current regulatory status, these listings are not expected to represent an environmental concern.
- The property adjacent to the southwest, south of Merrill Avenue, Heritage Dairy #2 at 8649 Merrill Avenue is listed on the San Bernardino County Permit database. This facility is listed as an inactive HAZMAT Handler 0-10 and an inactive special generator on the San Bernardino County Permit database. Based on the current regulatory status, this listing is not expected to represent an environmental concern.
- The property adjacent to the east, Gardner Trucking at 9032 Merrill Avenue is listed in the AST, HAULERS, HAZNET, and San Bernardino County Permit databases. Additionally, RJ Lanting Hay Deal is listed in the Resource Conservation Recovery Act (RCRA) Small Quantity Generator (SQG), FINDS, and ECHO databases. This facility is listed in the AST database for an unknown quantity of ASTs with unidentified contents totaling 17,830 total gallons. No additional information is provided in the regulatory database report. The facility is identified in the HAULERS database, a registered waste tire haulers listing, as Facility ID 1308452. The waste tire permit summary is listed as "No Permit record for this business." The HAZNET database indicates the facility generated and disposed offsite the following wastes: other organic solids waste, waste aqueous solution with total organic residues less than 10 percent, tank bottom waste, and unspecified oil-containing waste. Lanting, Inc. is identified as an active Hazardous Materials 4-10 Handler 0-10 Chemicals, an active APSA 1,320-10,000 Gallon Facility Capacity, an active Small Quantity Generator, and an inactive Emergency Planning and Community Right-to-Know Act (EPCRA) Facility on the San Bernardino County Permit database. The RCRA SQG listing indicates the facility is a small quantity generator of hazardous waste and no violations were reported. Specific hazardous wastes are not identified



in the database. The facility is identified on the FINDS database for hazardous waste generation. The ECHO online database shows that the facility is an active RCRA generator as of February 25, 2017 with no violations reported in the past three years or enforcement actions reported in the last five years. Based on the regulatory status, these listings are not expected to represent an environmental concern.

Based on the findings, vapor migration is not expected to represent a significant environmental concern at this time.

#### 4.2.4 Sites of Concern Listings

No additional sites of concern were identified in the database report that warrant discussion in this section. Based on the findings, vapor migration is not expected to represent a significant environmental concern at this time.

#### 4.2.5 Orphan Listings

There are ten unmapped "orphan" listings reported in the database report. During the site visit Partner attempted to locate these properties and determined that they are not at the subject property or in close proximity. Therefore, these orphan listings are not expected to represent a significant environmental concern.

A copy of the regulatory database report is included in Appendix C of this report.



# 5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *User* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *User* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

- Review Title and Judicial Records for Environmental Liens and AULs
- Specialized Knowledge or Experience of the User
- Actual Knowledge of the User
- Reason for Significantly Lower Purchase Price
- Commonly Known or *Reasonably Ascertainable* information
- Degree of Obviousness
- Reason for Preparation of this Phase I ESA

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner requested our Client to provide information to satisfy User Responsibilities as identified in Section 6 of the ASTM guidance.

Pursuant to ASTM E1527-13, Partner requested the following site information from Prologis (User of this report).

User Responsibilities				
Item	Provided By User	Not Provided By User	Discussed Below	Does Not Apply
Environmental Pre-Survey Questionnaire		X		
Title Records, Environmental Liens, and AULs			X	
Specialized Knowledge		X		
Actual Knowledge		X		
Valuation Reduction for Environmental Issues		X		
Identification of Key Site Manager	Section 5.1.3		X	
Reason for Performing Phase I ESA	Section 1.1		X	
Prior Environmental Reports		X		
Other			X	



#### 5.1 Interviews

#### 5.1.1 Interview with Owner

Mr. Henri Minaberry indicated he has owned the Minaberry property since 2003 and was previously owned by the family trust. Mr. Minaberry indicated he uses a portion of their property for the production of milk. Mr. Minaberry also provided information regarding the sub-lessees located within the southeastern portion of the property.

#### 5.1.2 Interview with Report User

Please refer to Section 5.2 below for information requested from the Report User. The information requested was not received prior to the issuance of this report. It is understood that the Report User would not have knowledge of the property that would significantly impact our ability to satisfy the objectives of this assessment. The lack of this information is not considered to represent a significant data gap.

#### 5.1.3 Interview with Key Site Managers

Mr. Henri Minaberry, owner of the Minaberry portion of the subject property, indicated that he had no information pertaining to any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

According to Mr. Minaberry, the subject property was developed in circa 1967 for agricultural use/ dairy production. Prior to that, the subject property was developed agriculturally within the southeastern portion of the subject property as early as 1938 until circa 1967. Mr. Minaberry further stated that there are no USTs, clarifiers, oil/water separators, or groundwater monitoring wells on the subject property to the best of his knowledge.

Mr. Minaberry was unaware of the two former USTs located on the subject property at the time of the purchase and was informed by the SBCFD, Hazardous Materials Division that USTs were once located onsite. Mr. Minaberry suspects the northern-most tank was used to store gasoline for the vehicles and the southern-most tank was used to store diesel fuel for the farm equipment.

Mr. Minaberry indicated that when the Minaberry property was initially purchased by the Minaberry Brothers, there was a small operating dairy farm located within the southern portion of their property. The operations on that portion of the subject property ceased operations in 2012 and is no longer used. Minaberry Family LLC subleases out portions of the Minaberry property to separate businesses. Approximately 4 acres has been leased to Partida Fertilizer since approximately 2004. Partida Fertilizer makes composting materials from manure and sells to fertilizer manufacturers. Minaberry Family LLC also leases approximately 1/3 acre to a pallet company, Pallet Supply Wood Services since 2013. Minaberry Family LLC has also leased approximately 7 acres of their property to a private entity (name not provided at the time of the site visit) for raising cattle for beef, since 2016 (used by a previous entity for similar operations since 2014).



Additional information provided by Mr. Minaberry is described in Section 6.0.

### 5.1.4 Interviews with Past Owners, Operators and Occupants

Interviews with past owners, operators, and occupants were not reasonably ascertainable and thus constitute a data gap.

#### 5.1.5 Interview with Others

As the subject property is not an abandoned property as defined in ASTM 1527-13, interview with others were not performed.

#### 5.2 User Provided Information

# 5.2.1 Title Records, Environmental Liens, and AULs

Partner reviewed an Environmental Lien and AUL Search report prepared by EDR on July 14, 2016. No record of environmental liens or AULs were identified in the report. A copy of the lien search report is included in Appendix B. Note, the report includes the western-abutting property (Hettinga Dairy), since this was included in the August 2016 Partner Phase I Environmental Site Assessment.

# 5.2.2 Specialized Knowledge

No specialized knowledge of environmental conditions associated with the subject property was provided by the User at the time of the assessment.

# 5.2.3 Actual Knowledge of the User

No actual knowledge of any environmental lien or AULs encumbering the subject property or in connection with the subject property was provided by the User at the time of the assessment.

#### 5.2.4 Valuation Reduction for Environmental Issues

No knowledge of valuation reductions associated with the subject property was provided by the User at the time of the assessment.

# 5.2.5 Commonly Known or Reasonably Ascertainable Information

The User did not provide information that is commonly known or *reasonably ascertainable* within the local community about the subject property at the time of the assessment.

#### 5.2.6 Previous Reports and Other Provided Documentation

Mr. Minaberry provided Partner with a *Workplan Environmental Soil Sampling, Minaberry Dairy, 8731 Eucalyptus Avenue, Ontario, San Bernardino County, California*; prepared by Earth Systems Southwest (ESSW) for Vander Dussen & Haringsma and dated November 11, 2008.

The workplan describes the activities to conduct environmental soil sampling at the location of two former USTs. Two soil borings were to be advanced in the area of the two former USTs. The soil sampling is further discussed below.



Mr. Minaberry also provided Partner with a *Report of Environmental Soil Sampling, Environmental Soil Sampling, Minaberry Dairy, 8731 Eucalyptus Avenue, Ontario, San Bernardino County, California*; prepared by ESSW for Vander Dussen & Haringsma and dated December 1, 2008.

The report was submitted to the SBCFD Hazardous Materials Division on December 1, 2008. According to the report, two USTs were situated on the subject property south of the primary residence (8731 Eucalyptus Avenue). The USTs were reportedly removed by the property owner prior to 2003 and the area paved over with concrete.

The scope of work for ESSW was to evaluate the potential presence of hydrocarbon contamination at these two locations. ESSW advanced two borings at each of the reported locations of the former USTs. The locations were determined from dairy records and approved by the SBCFD. The borings were advanced to a depth of 20 feet bgs. Soil samples were collected at depths of approximately 8, 12, and 20 feet bgs. The soil samples were analyzed for total petroleum hydrocarbons (TPH) as gasoline and diesel fuel, benzene, toluene, ethyl benzene, xylenes (BTEX) and methyl tert-butyl ether (MTBE).

No detections of the constituents were reported above the laboratory method detection limits. The SBCFD granted No Further Action (NFA) closure for the USTs on January 20, 2009.

A copy of the reports and the NFA letter are included in Appendix B.



# 6.0 SITE RECONNAISSANCE

The weather at the time of the site visit was sunny and clear. Refer to Section 1.5 for limitations encountered during the field reconnaissance and Sections 2.1 and 2.2 for subject property operations. The table below provides the site assessment details:

#### **Site Assessment Data**

Site Assessment Performed By: Kathy Lehnus
Site Assessment Conducted On: February 21, 2017

The table below provides the subject property personnel interviewed during the field reconnaissance:

Site Visit Personnel for 8731 Eucalyptus Avenue (Subject Property)			
Name	Title/Role	Contact Number	Site Walk* Yes/No
Henri Minaberry, Minaberry Family LLC	Property Owner	(909) 239-7403	Yes

<sup>\*</sup> Accompanied Partner during the field reconnaissance activities and provided information pertaining to the current operations and maintenance of the subject property.

Environmental concerns were identified during the on-site reconnaissance related to former USTs, and the storage, use, and generation of hazardous substances/wastes as further discussed in Sections 6.1 and 6.2.

#### 6.1 General Site Characteristics

#### 6.1.1 Solid Waste Disposal

General solid waste generated at the subject property is disposed of in commercial dumpsters located within the northern portion on the subject property and is removed by the City of Ontario on a regular basis. No evidence of illegal dumping of solid waste was observed by Partner during the site reconnaissance.

The majority of the manure that is generated on the subject property is concentrated in the pen areas. Manure is collected and is temporarily stored/stockpiled on the northern portion of the subject property. The temporary manure mounds, which typically range from three to six mounds before removal, are approximately 20 feet in height and 80 feet in circumference. Partida Fertilizer, a sub-lessee on the Minaberry property, collects the manure and produces fertilizers within the central portion of the Minaberry property. Best management practices and local regulations for the storage of manure are reportedly followed; however, soil and groundwater has not been tested for nitrates or ammonia at the subject property.

### 6.1.2 Sewage Discharge and Disposal

Sanitary discharges from the subject property are directed to five onsite septic systems, as further discussed in Section 6.1.7.



# 6.1.3 Surface Water Drainage

Storm water is designed to flow to the on-site detentions ponds within the southern portion of the subject property. The subject property's topography naturally has any surface run-off flow to the southern portion of the subject property.

The subject property does not appear to be a designated wetland area, based on information obtained from the United States Department of Agriculture. At least three of the eight detention pounds identified in aerial photographs (Section 3.1) were observed during the site reconnaissance. The detention ponds were observed to be dry at the time of the site reconnaissance. No other surface impoundments, wetlands, natural catch basins, settling ponds, or lagoons were observed on the subject property. No drywells were observed or identified on the subject property.

# 6.1.4 Source of Heating and Cooling

Heating and cooling systems as well as domestic hot water equipment are fueled by electricity provided by Southern California Edison (SCE). The residential properties are equipped with central air conditioning units. Hot water is provided by individual natural gas hot water heaters. Each milk barn has a chiller system for the storage of the milk. The chiller systems utilize inhibitors for the maintenance of the equipment.

#### 6.1.5 Wells and Cisterns

Groundwater wells were observed on the northern and southern portions of the subject property. The Minaberry property utilizes three wells for domestic use and one well for irrigational use. Groundwater from on-site wells is reportedly used for domestic use (showers and cooking) within the primary residences; however, the groundwater is not utilized for potable use, reportedly due to poor water quality. No aboveground evidence of cisterns was observed during the site reconnaissance. See Section 6.1 for further discussion of groundwater.

#### 6.1.6 Wastewater

Domestic wastewater generated at the subject property is disposed by means of septic systems. See Section 6.1.7 for further discussion.

Wastewater generated on the subject property consists of the following:

- Cows enter a staging area where their under bellies and udders are rinsed with water
- Upon entering the milking station, their feet are rinsed in a "foot bath", a 2 to 5% formaldehyde solution
- The udders are rinsed again prior to being attached to the automatic milking machine
- After the milking is complete, the teats are dipped into an iodine solution
- After the milk silos have been emptied, the piping and silos are cleaned with a chlorinated alkaline cleaning solution

The wastewater generated from the above activities, including the formaldehyde bath, is collected in drains located within the active milk barn. The drains are then directed to a sump and gravity fed through piping which discharges to the pastures to provide irrigation water.



# 6.1.7 Septic Systems

The subject property has utilized approximately five septic systems from approximately 1967 to present. The building records did not show the locations of the septic systems. The septic systems reportedly are connected to the residences and receive domestic sanitary wastewater only. Mr. Minaberry has not had the septic system serviced or knows the locations of the systems.

#### 6.1.8 Additional Site Observations

Partner observed abandoned vehicles, silos, empty aboveground storage tanks (ASTs) formerly used for water or fuel storage, waste tires, metal siding and farm equipment no longer in use throughout the subject property. No significant staining or leaking or environmentally significant observations were noted during the site reconnaissance.

#### 6.2 Potential Environmental Hazards

#### 6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Site

Minor amounts of chemicals and hazardous materials in the form of cleaners are used on the subject property as part of milk production and herd upkeep. Partner identified hazardous substances used, stored, and/or generated on the subject property as noted in the following table:

Hazardous Substances and/or Petroleum Products Noted On-site				
Substance	Container Size	Location	Nature of Use	Provided by
Diesel Fuel	1 x 500- gallon AST	West of the active milk barn	Fueling farm equipment	Matheson Oil
Diesel Fuel	2 x 100- gallon ASTs	One AST located near the milk barn at 8643 Eucalyptus Avenue One AST near the equipment shed	Emergency generator Farm equipment	Matheson Oil
Diesel Fuel	2 x 100- gallon belly tanks	Integrated with the emergency generators; located near the milk barns on the northern and southern portions of the subject property	Emergency generators	Matheson Oil
Motor Oil	1 x 55-gallon drum	Equipment shed at 8731 Eucalyptus	Routine Maintenance for farm equipment	Matheson Oil
Chlorinated Alkaline Cleaner	2 x 55-gallon drums	Located at the active milk barn	Milking equipment	EcoLab
Iodine Barrier Teat Dip	1 x 55-gallon drums	Located at the active milk barn	Preventative care for milking cows	EcoLab
EcoLab Detergent for the sanitizing the milking equipment	1 x 55 gallon drums	Located at the active milk barn	Preventative care for milking equipment	EcoLab



Hazardous Substances and/or Petroleum Products Noted On-site					
Substance	Container Size	Location	Nature of Use	Provided by	
Exit II Synergized	1 x 55-gallon drums	Located at the active milk barn	To treat animals with lice	EcoLab	
EcoChlor	1 x 55-gallon drums	Located at the active milk barn	Water Treatment	EcoLab	

The majority of the materials appeared to be properly labeled. Secondary containment was not provided. The materials identified above are used on site and no excess material was noted as being disposed of offsite. Minor staining of some of the materials was observed in the milk barn area.

Pesticides are not used on the site; however, an insecticide is applied to the hay stored on the Minaberry property, on a weekly basis by an outside contractor.

In addition to the above materials, small quantities of general maintenance supplies, including oil and gasoline cans were found to be properly labeled and stored at the time of the assessment with no signs of leaks, stains, or spills. The storage and use of maintenance supplies does not appear to pose a significant threat to the environmental integrity of the subject property at this time.

Based on the long-time use, minor staining, the absence of some secondary containment, these materials may represent an environmental concern.

# 6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)

An approximately 500-gallon diesel AST for farm equipment refueling is located just south of the 8731 Eucalyptus residence, in the location of one of the former USTs. According to Mr. Minaberry, this AST was located east of the milk barn during Partner's August 2016 Phase I Environmental Site Assessment. No staining or leaks were observed at the AST.

Two emergency generators are used by Minaberry Dairy, each with 100-gallons of diesel fuel stored within an integral belly tank. One emergency generator is located near the milk barn on the northern portion of the Minaberry property and one emergency generator is located at the milk barn on the southern portion.

Partner observed two 100-gallon diesel fuel ASTs for the storage of diesel fuel on the subject property. The diesel fuel is used for the operation of the emergency generators and for the farming equipment.

Two underground storage tanks were previously located near the main residence (8731 Eucalyptus Avenue) and the milk barn and removed from the subject property. Concrete cuts and two concrete patches from the soil borings were observed in this area.

#### 6.2.3 Evidence of Releases

Other than minor staining as previously described, no spills, signs of leaking ASTs, or other indications that a significant surficial release has occurred at the subject property were observed.



### 6.2.4 Polychlorinated Biphenyls (PCBs)

Older transformers and other electrical equipment could contain PCBs at a level that subjects them to regulation by the US EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified: 1) Less than 50 parts per million (ppm) of PCBs – "Non-PCB;" 2) 50 ppm–500 ppm – "PCB-Contaminated;" and, 3) Greater than 500 ppm – "PCB-Containing." The manufacture, process, or distribution in commerce or use of any PCB in any manner other than in a totally enclosed manner was prohibited after January 1, 1977.

The on-site reconnaissance addressed indoor and outdoor transformers that may contain PCBs. Polemounted transformers were observed along the right-of-ways for Eucalyptus and Merrill Avenues. The transformers were not labeled indicating PCB content. No staining or leakage was observed in the vicinity of the transformers. Based on the good condition of the equipment, the transformers are not expected to represent a significant environmental concern.

Additionally, no other potential PCB-containing equipment (interior transformers, oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, balers, etc.) was observed on the subject property during Partner's reconnaissance.

#### 6.2.5 Strong, Pungent or Noxious Odors

Strong manure odor typical of a dairy farm operation was evident during the site reconnaissance. No other odors, including petroleum or solvents, were detected during the site reconnaissance.

#### 6.2.6 Pools of Liquid

No pools of liquid were observed on the subject property during the site reconnaissance.

#### 6.2.7 Drains, Sumps and Clarifiers

Drains were observed in the two milk barns for collection of rinse water. The rinse water flows to one main sump that is located outside each milk barn which is equipped with a pump to divert the excess water to the pasture area. No chemical storage was observed near the sumps. No staining was observed associated with the sumps. No clarifiers were observed on the subject property during the site reconnaissance.

#### 6.2.8 Pits, Ponds and Lagoons

Three detention ponds were observed within the southern portion of the subject property. According to aerial photographs, detention ponds are located on the southern portion of the subject property. The detention ponds are also designed to catch rain water run-off. The detention ponds are also designed to hold any excess wash down water from the milk barn, which is initially discharged into the pastures. The detention ponds, by design, have a spill over along the southern border. The capacity of the detention pond is designed to hold water from back to back 100 year floods. These detention ponds have reportedly never been filled to capacity and rarely have any water in them. No pits or lagoons were observed on the subject property.



# 6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

#### 6.2.10 Additional Potential Environmental Hazards

No additional environmental hazards, including landfill activities or radiological hazards, were observed.

#### 6.3 Non-ASTM Services

# 6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be *presumed* to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building constructed prior to 1981 and have not been appropriately tested are "presumed asbestos-containing material" (PACM).

The subject property commercial buildings were constructed at various times from 1967 to 1975. Partner conducted a limited, visual evaluation of accessible areas for the presence of suspect ACMs at the subject property in the 8731 Eucalyptus residence and the two milk barns. Partner did not identify any suspect ACM in the milk barns or residence at 8731 Eucalyptus during the site reconnaissance. The remainder of the residences were occupied and not inspected during the site reconnaissance. Based on the construction date of the residences circa 1938-1975, ACM may be present. A demolition-level ACM survey is recommended if the structures are demolished.

### 6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm2 (or 5,000 µg/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as "Title X," to protect families from exposure to lead from paint, dust, and soil. Under Section 1017 of Title X, intact LBP on most walls and ceilings is not considered a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated. Further, Section 1018 of this law directed the Housing and Urban Development (HUD) and the US EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978.

Based on the age of the subject property buildings (pre-1978), there is a potential that LBP is present. Interior and exterior painted surfaces were observed in good condition and therefore not expected to represent a "hazard."

#### 6.3.3 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local



organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, according to the table below:

EPA Radon Zones				
<b>EPA Zones</b>	Average Predicted Radon Levels	Potential		
Zone 1	Exceed 4.0 pCi/L	Highest		
Zone 2	Between 2.0 and 4.0 pCi/L	Moderate		
Zone 3	Less than 2.0 pCi/L	Low		

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 2. Based upon the radon zone classification, radon is not considered to be a significant environmental concern.

# 6.3.4 Lead in Drinking Water

According to available information, a public water system operated by the Ontario Municipal Utilities Company serves the subject property vicinity. According to the City of Ontario and the 2015 Urban Water Management Plan, water supplied to the subject property is in compliance with all State and Federal regulations pertaining to drinking water standards, including lead and copper. Water sampling was not conducted to verify water quality. No information, including any sampling results, for the private wells was provided to Partner; however, the private water wells are reportedly not used for potable purposes.

#### 6.3.5 Mold

Molds are microscopic organisms found virtually everywhere, indoors and outdoors. Mold will grow and multiply under the right conditions, needing only sufficient moisture (e.g., in the form of very high humidity, condensation, or water from a leaking pipe, etc.) and organic material (e.g., ceiling tile, drywall, paper, or natural fiber carpet padding).

Partner observed accessible, interior areas for the subject property buildings for significant evidence of mold growth with the exceptions detailed in Section 1.5 of this report; however, this ESA should not be used as a mold survey or inspection. Additionally, this limited assessment was not designed to assess all areas of potential mold growth that may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication as to whether or not conspicuous (based on observed areas) mold growth is present at the subject property. This evaluation did not include a review of pipe chases, mechanical systems, or areas behind enclosed walls and ceilings.

No obvious indications of water damage or mold growth were observed during Partner's visual assessment of the buildings.

#### 6.4 Adjacent Property Reconnaissance

The adjacent property reconnaissance consisted of observing the adjacent properties from the subject property premises. No items of environmental concern were identified on the adjacent properties during the site assessment, including hazardous substances, petroleum products, ASTs, USTs, evidence of releases, PCBs, strong or noxious odors, pools of liquids, sumps or clarifiers, pits or lagoons, stressed vegetation, or any other potential environmental hazards.



# 7.0 FINDINGS AND CONCLUSIONS

#### **Findings**

A recognized environmental condition (REC) refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following RECs were identified during the course of this assessment:

• The long term use of the subject property as a dairy farm is considered a REC due to the potential for the buildup of nitrates and ammonia in soil from animal waste. In addition, the previous use as agricultural land and orchards may lead to the presence of pesticides and arsenic in surficial soil. Since the subject property is planned for redevelopment, surficial soil containing these materials will be disturbed and will need to be handled appropriately. Other than the manure accumulation area on the northern portion of the property and the Partida Fertilizer sub-leased space on the center of the subject property, Partner did not observe areas of accumulation that would be expected to create substantial issues during development.

Minaberry Dairy at 8731 Eucalyptus is identified in the Compliance Enforcement database as receiving oral enforcement actions and one civil liability enforcement action for the discharge of manure runoff in stormwater in 2001. Four private water wells are located on the subject property (it appears that three were installed for drinking water and one for irrigation purposes); therefore, the discharge and runoff have the potential to impact the water wells.

According to RWQCB records, the subject property is situated within the South Archibald
Trichloroethylene (TCE) Plume, which is mapped to originate from a source approximately 1.6 miles
north of the subject property. A plume map found in RWQCB file materials depicts an area of
groundwater under the subject property with concentrations of TCE less than 5 parts per billion
(ppb). The Environmental Protection Agency (EPA) Maximum Contaminant Limit (MCL) for TCE is 5
ppb. The plume is being managed by the Chino Basin Desalter Authority, the Inland Empire Utilities
Agency, and the City of Ontario.

Partner notes that groundwater at the subject property is used for irrigation and washing purposes (but not consumption) at this time; potable water is supplied to the subject property by the managers of the TCE plume. The well construction details for the subject property wells are not known, although according to Partner's interview with the RWQCB, groundwater is present at approximately 130 feet bgs in the subject property area (and therefore vapor intrusion is not a concern). The TCE plume located beneath the subject property is considered a REC.

A controlled recognized environmental condition (CREC) refers to 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, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:



 Partner did not identify controlled recognized environmental conditions during the course of this assessment.

A historical recognized environmental condition (HREC) refers to 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. The following was identified during the course of this assessment:

• Two USTs likely to have contained either gasoline or diesel were situated on the subject property south of the primary residence (8731 Eucalyptus Avenue). The USTs were reportedly removed by the property owner prior to 2003. A subsurface investigation to investigate the former UST locations was conducted in 2008. Two borings were advanced in the area of the USTs to a depth of 20 feet bgs. The soil samples submitted for analysis did not contain total petroleum hydrocarbons (TPH) as gasoline and diesel fuel, benzene, toluene, ethyl benzene, xylenes (BTEX), or methyl tert-butyl ether (MTBE) above the laboratory detection limits. A report was submitted to the SBCFD on December 1, 2008. The SBCFD granted closure for the USTs on January 20, 2009. Based on the results of the subsurface investigation and subsequent closure by the SBCFD, the former USTs are considered a historical REC.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- An approximately 500-gallon diesel aboveground storage tank (AST) for farm equipment refueling
  is located just south of the 8731 Eucalyptus residence, in the location of one of the former USTs.
  According to Mr. Minaberry, this AST was located east of the milk barn during Partner's August
  2016 Phase I Environmental Site Assessment. No staining or leaks were observed in the vicinity of
  the AST.
- As part of herd care, cows are washed with two separate treatments; a foot bath consisting of a 2 to 5% formaldehyde solution and iodine for rinsing the udders. In addition, chlorinated alkaline cleaning solution is used to clean the milk silos. Wastewater from these processes is discharged to the pastures to provide irrigation water. The subject property, under Minaberry Dairy at 8731 Eucalyptus, is identified with an active permit with the San Bernardino County for Hazardous Materials 4-10 Chemicals. Partner did not identify any permits associated with the discharge of wastewater from the cleaning solutions.
- At least five septic systems have been used at the subject property from at least 1967 to present. The location of the septic systems are unknown; however, reportedly only receive domestic waste from the six residences. Based on this information, the septic systems are not considered a significant environmental concern.
- Partner observed abandoned vehicles, silos, empty ASTs formerly used to store water or fuel, waste tires, and farm equipment no longer in use throughout the subject property. No staining was



observed in the areas the debris was observed; however, due to the size of the subject property, foliage, and presence of scattered debris, Partner was not able to inspect each area specifically for staining. Partner recommends a reassessment of these areas following the removal of the debris to verify that no surficial impact of soil has occurred. Based on site observations, the storage of these materials are not considered a significant environmental concern at this time.

- Due to the age of the subject property buildings (pre-1975), there is a potential that asbestos-containing material (ACM) and/or lead-based paint (LBP) are present. Overall, all suspect ACMs and painted surfaces were observed in good condition and do not pose a health and safety concern to the occupants of the subject property at this time. A demolition-level survey will be required prior to building demolition.
- According to Community Panel Number 06071C9375H dated August 28, 2008, the subject property
  is located in an area designated with a 0.2% annual chance of a flood; 1% annual chance of flood
  with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas
  protected by levees from 1% annual chance flood.

#### **Conclusions, Opinions and Recommendations**

Partner has performed a Phase I Environmental Site Assessment Update in conformance with the scope and limitations of ASTM Practice E1527-13 of 8731 Eucalyptus Avenue and associated buildings in the City of Ontario, Ontario County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed evidence of recognized environmental conditions and/or environmental issues in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

- A limited subsurface investigation should be conducted in order to determine the presence or absence of soil and/or groundwater contamination due to the use of the subject property (and/or a soil management plan should be put in place to address any contaminated soils encountered during property development);
- Since the TCE groundwater plume originating from north of the subject property is present beneath the subject property, and since groundwater at the subject property is used to irrigate on-site fields, the drinking water and irrigation wells at the subject property should be sampled for TCE;
- A demolition-level ACM and LBP survey should be performed in order to safely remove the suspect ACMs and LBP located at the subject property prior to any demolition; and .
- Partner observed abandoned vehicles, silos, empty ASTs formerly used to store water or fuel, waste tires, and farm equipment no longer in use throughout the subject property. Partner recommends a reassessment of these areas following the removal of the debris to verify no surficial impact of soil from petroleum products occurred.



# 8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment Update of the property located at 8731 Eucalyptus Avenue in the City of Ontario, Ontario County, California in general conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

By signing below, Partner declares 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 §312. Partner has the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Partner has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:

# **DRAFT**

Kathy Lehnus Environmental Professional

Reviewed By:

### **DRAFT**

Christine Brune Project Manager



# 9.0 REFERENCES

#### **Reference Documents**

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Update Process, ASTM Designation: E1527-13.

Earth Systems Southwest (ESSW), Report of Environmental Soil Sampling, December 1, 2008.

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United States Geological Survey, accessed via the Internet, July 2016.

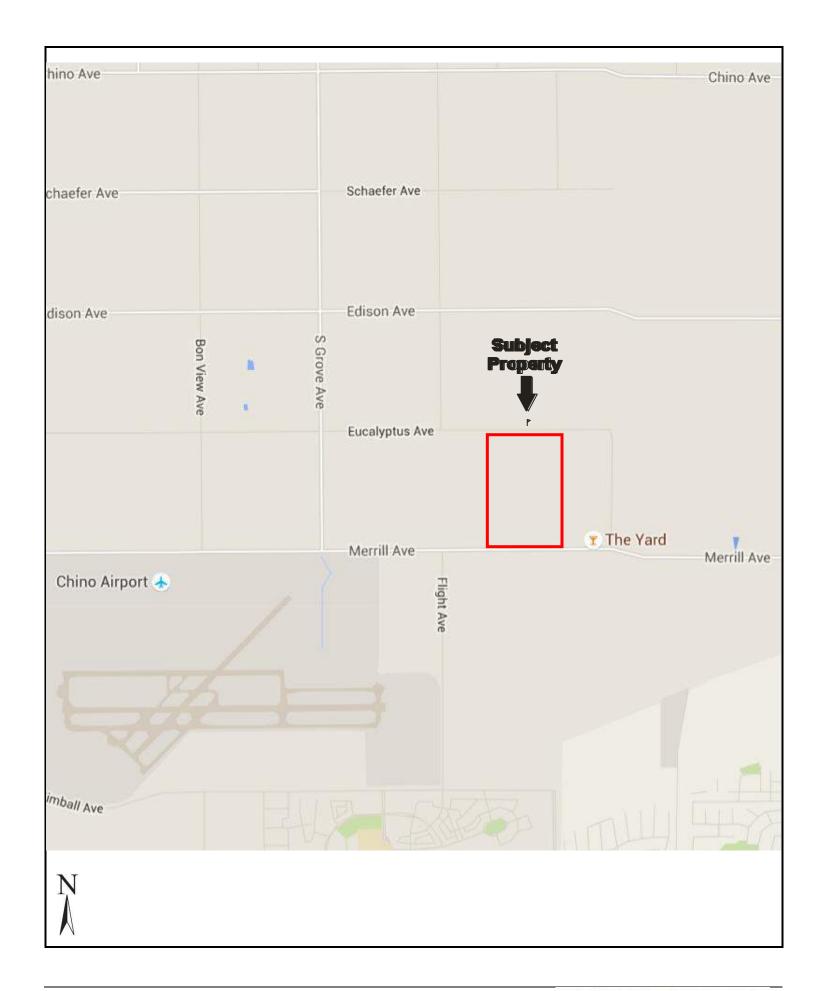
United States Geological Survey Topographic Map 1995, 7.5-minute series, accessed via internet, July 2016.



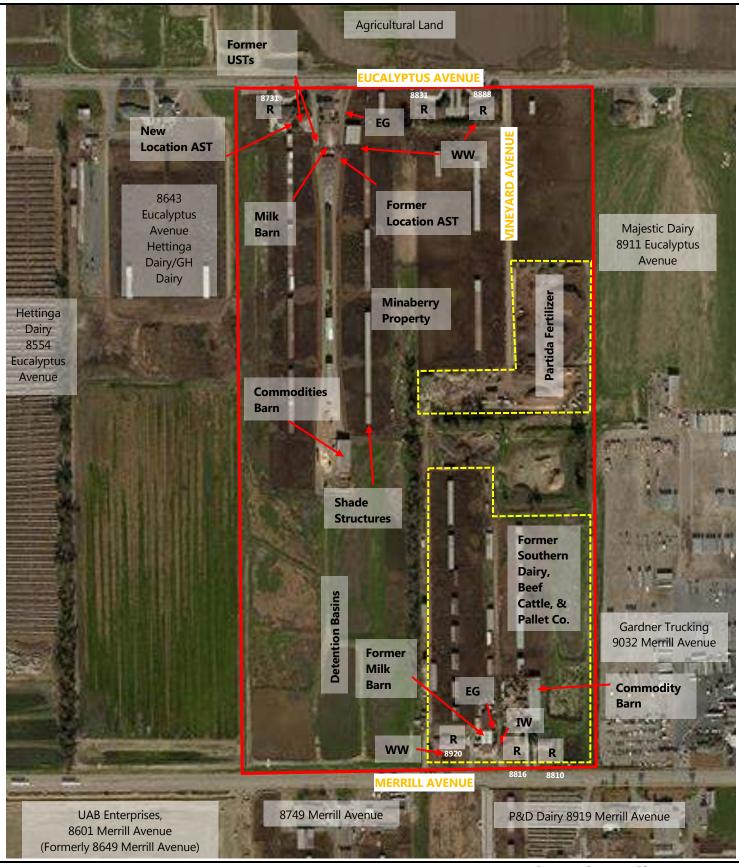
# **FIGURES**

- 1 SITE LOCATION MAP
- 2 SITE PLAN
- 3 TOPOGRAPHIC MAP











GROUNDWATER FLOW



KEY:
Subject Site

Irri Ab

Emergency Generator - EG

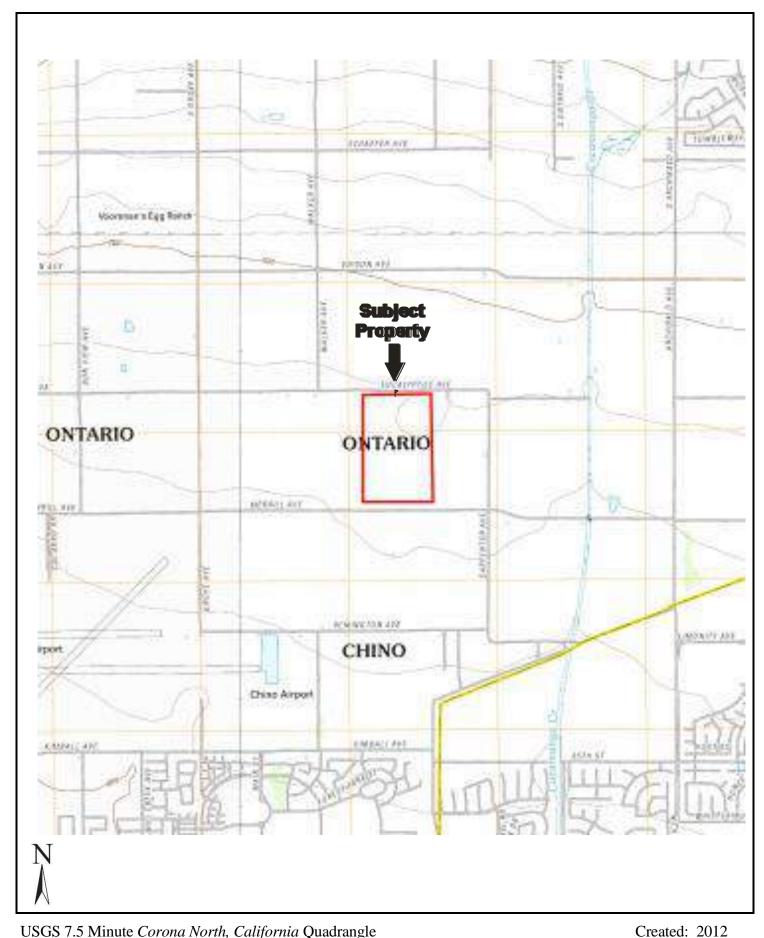
Domestic Well - WW

Irrigation Well - IW

Aboveground Storage Tank - AST

Residence - R





USGS 7.5 Minute Corona North, California Quadrangle



# **APPENDIX A: SITE PHOTOGRAPHS**





1. Active milk barn (facing north).



2. Active milk barn (facing south).



3. Dwelling at 8731 Eucalyptus (facing southwest).



4. Interior of active milk barn.



5. Active 500-gallon diesel refueling AST (in northern former UST area; soil boring in foreground)



6. North western portion of site (and western abutter in background).



7. Central portion of the subject property, facing south.



8. Northern residence at 8831 Eucalyptus, facing southeast.



9. Northeastern residence at 8888 Eucalyptus, facing southeast.



10. Example potable well tank at southern border of northern residents.



11. Pressure tank for northeastern drinking water well.



12. Feed area (central portion of the subject property).



13. Scrap storage, central portion of the subject property (reportedly a food tank).



14. Scrap storage, central portion of the subject property (vehicles, scrap wash water treatment drums).



15. Scrap storage, central portion of the subject property.



16. Scrap storage, central portion of the subject property.



17. Beef ranch area, southern portion of the subject property.



18. Southeastern corner of the subject property, facing east, 8920 Merrill Avenue in foreground.



19. 8816 Merrill Avenue on southern property border.



20. 8810 Merrill Avenue on southern property border.



21. Former milk barn on southern property border.



22. Emergency generator at former milk barn.



23. Motors and compressors at former dairy, minor oil staining.



24. Irrigation /washwater well at former dairy.



25. Pallet Company on southern portion of subject property.



26. Pallet Company on southern portion of subject property.



27. Tanks at Partida Fertilizer.



28. Partida Fertilizer at central portion of the subject property



29. Manure piles for Partida Fertilizer (also mixed with clean sand).



30. Northern abutter.



31. Southern abutter.



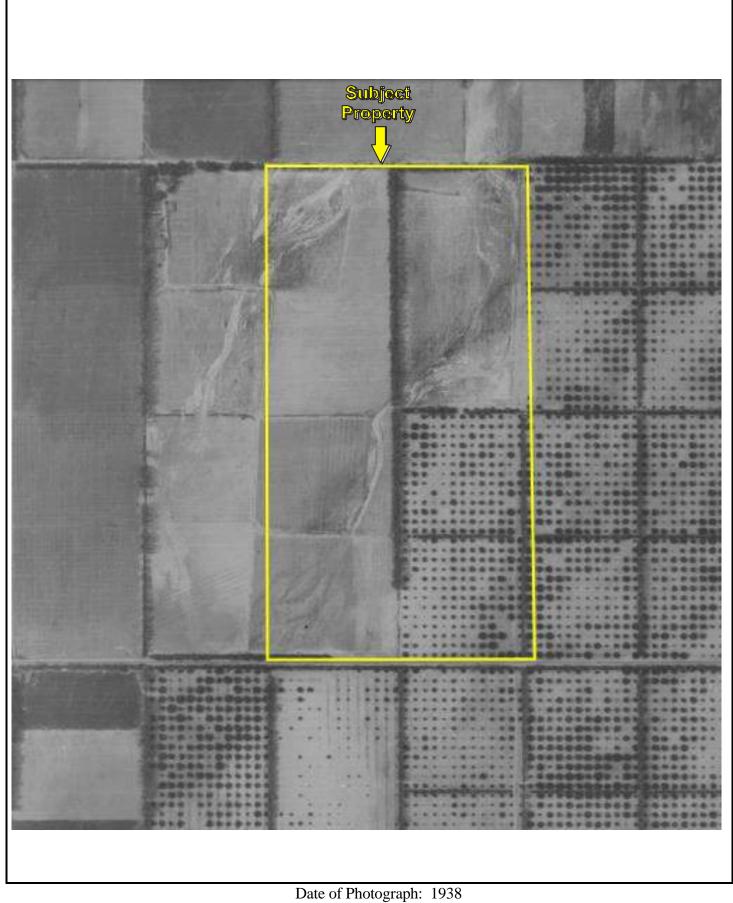
32. Western abutter.



33. Eastern abutter (grass).

# APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION









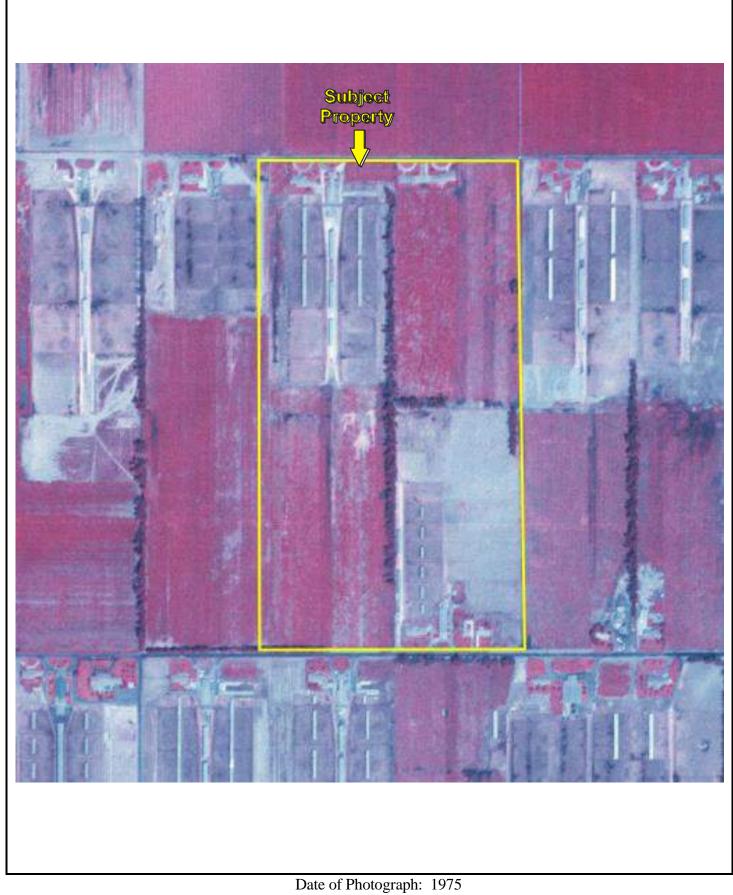








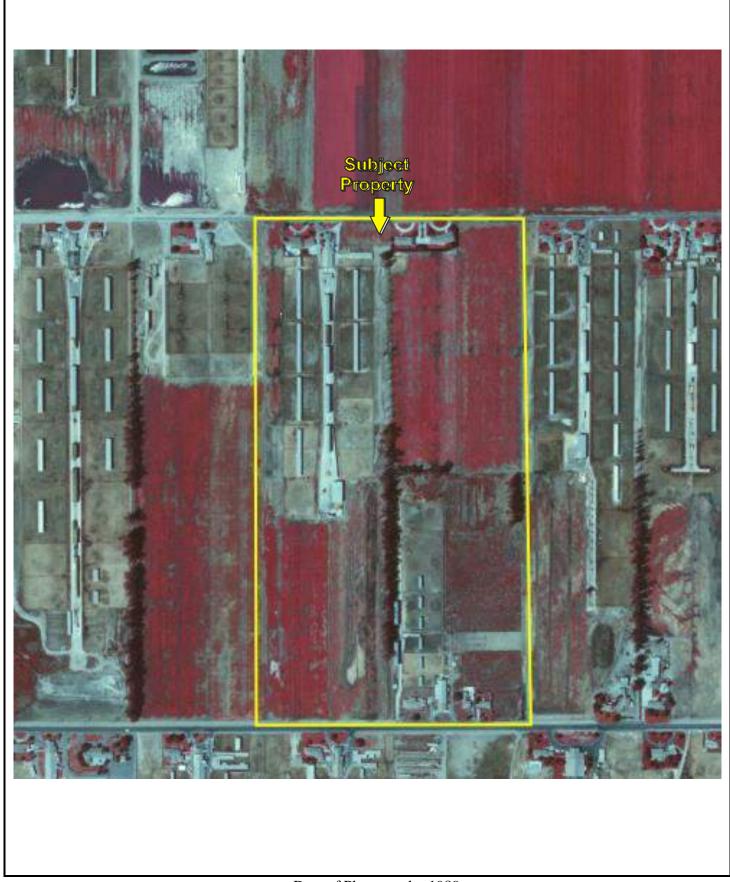








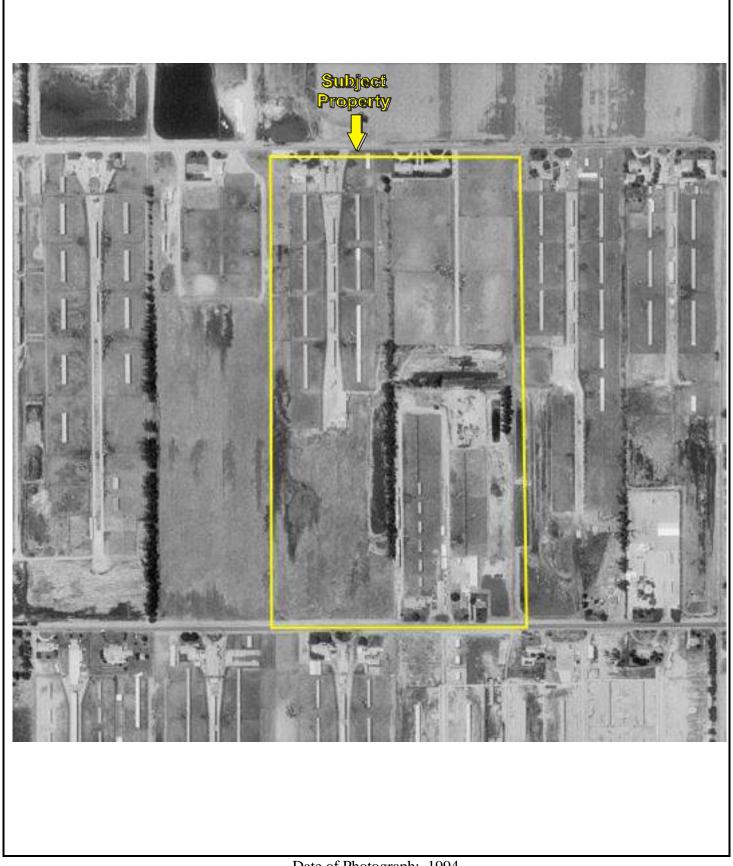


















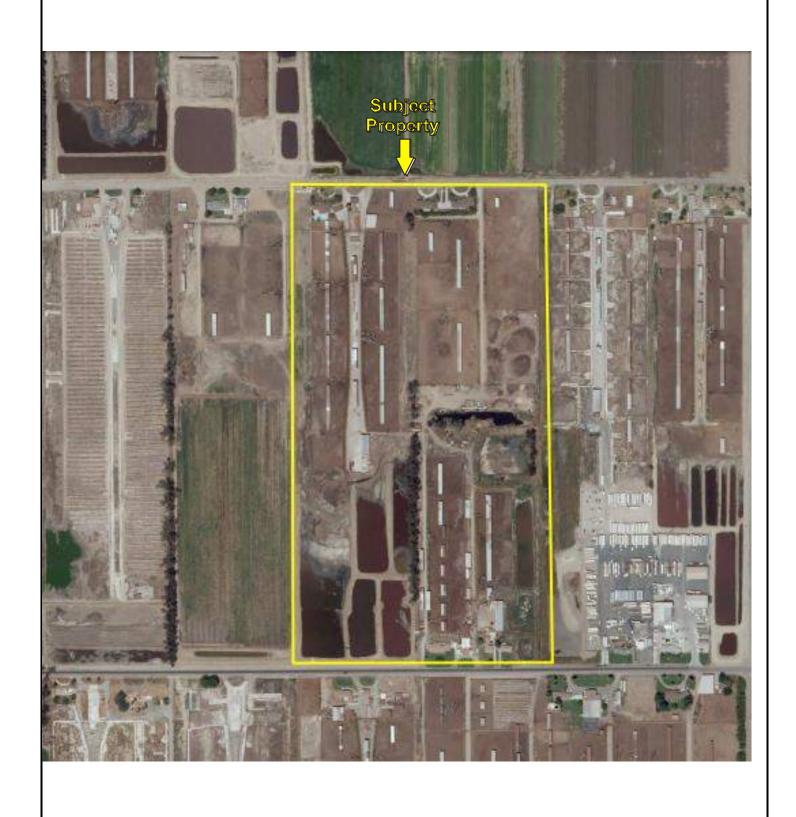






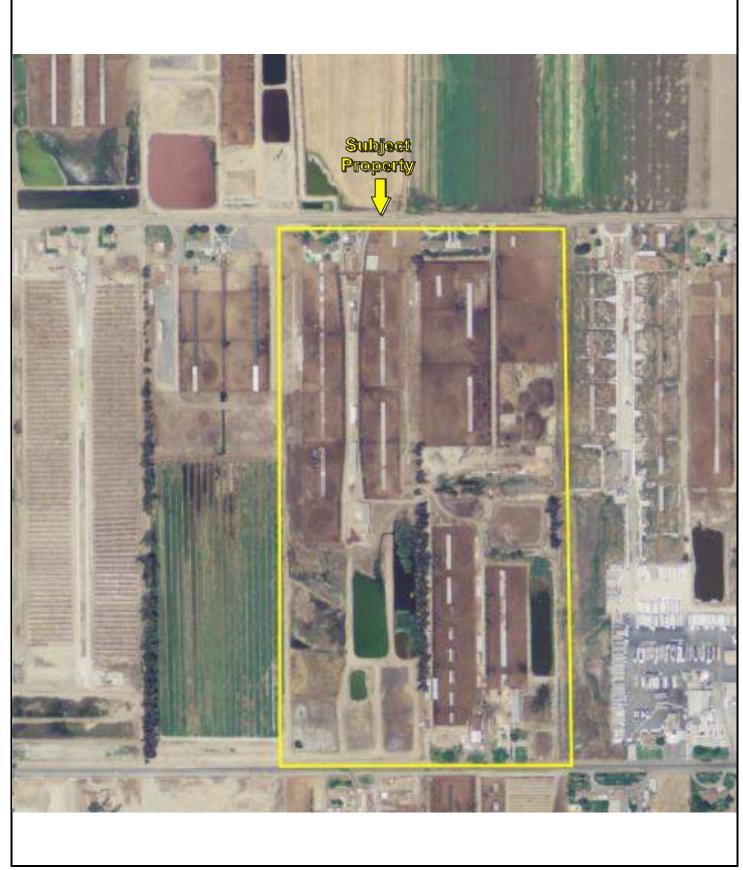
Date of Photograph: 2009





Date of Photograph: 2010





Date of Photograph: 2012



Minaberry Land -

Eucalyptus Avenue Chino, CA 91710

Inquiry Number: 4670058.3

July 11, 2016

# **Certified Sanborn® Map Report**



# **Certified Sanborn® Map Report**

07/11/16

Site Name: Client Name:

Hettinga Dairy and Minaberry L Eucalyptus Avenue Chino, CA 91710 EDR Inquiry # 4670058.3 Partner Engineering and Science, Inc. 2154 Torrance Blvd, Suite 200 Torrance, CA 90501-0000 Contact: Colleen Tubridy



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	8816	SOARES NARCIE	947-5895 1	16788	MC
THE STA	8919	VISSER TONY D	947-4222 1	16806	SP
34-2017 +3	8920	SOARES JOE SR	623-7277 0	16813	A8
34-5853 7	8966	RYE KEITH	947-6525 +3	16816	AU
37-7305	В	LOURENCO WLDG SERV	947-4644 1	16818	J&
71-7857 2	9019	VISSER JESS	947-5866 1	16842	PA
34-5726 2	9032	TERPSTRA CONSTR	947-3703+3	1 16 15	SI
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35-2443 1	9190	XXXX	00	10000	SU

# Minaberry Land -

Eucalyptus Avenue Chino, CA 91710

Inquiry Number: 4670058.6

July 11, 2016

# **The EDR-City Directory Abstract**



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### **SECTION**

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**Findings** 

**City Directory Images** 

**Thank you for your business.**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 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 1320 feet of the target property.

A summary of the information obtained is provided in the text of this report.

### **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.

<u>Year</u>	Source	<u>TP</u>	<u>Adjoining</u>	Text Abstract	Source Image
2013	Cole Information Services	-	-	-	-
2008	Haines Company, Inc.	-	X	X	-
2003	Haines & Co Publishers	-	X	X	-
2002	Cole Information Services	-	-	-	-
1996	GTE Directories	-	-	-	-
1995	GTE Directories	-	X	X	-
1991	GTE California Incorporated	-	-	-	-
1990	GTE	-	X	X	-
1985	GTE General Telephone Company of California	-	X	X	-
1981	General Telephone Company of California	-	-	-	-
1980	GTE General Telephone Company of California	-	X	X	-
1975	GTE Directories	-	X	X	-
1970	General Telephone Company of California	-	X	X	-
1965	Luskey Brothers & Co	-	-	-	-
1964	Luskey Brothers & Co	-	-	-	-
1961	Luskey Brothers& Co Publishers	-	-	-	-
1960	Luskey Brothers & Co Publishers	-	-	-	-
1956	General Telephone Company Publishers	-	-	-	-
1955	Luskey Brothers Co Publishers	-	-	-	-
1951	Los Angeles Directory Company Publishers	-	-	-	-
1950	The Pacific Telephone and Telegraph Co	-	-	-	-
1949	San Bernardino Directory Co. Publishers	-	-	-	-

# **EXECUTIVE SUMMARY**

<u>Year</u>	Source	<u>TP</u>	<u>Adjoining</u>	Text Abstract	Source Image
1946	Los Angeles Directory Company Publishers	-	-	-	-
1945	Southern California Telephone Company	-	-	-	-
1942	San Bernardino Directory Co Publisher	-	-	-	-
1941	Associated Telephone Company Limited	-	-	-	-
1940	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Co.	-	-	-	-
1936	San Bernardino Directory Co Publisher	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Co.	-	-	-	-
1930	San Bernardino Directory Co Publisher	-	-	-	-
1926	Los Angeles Directory Co Publisher	-	-	-	-
1923	Los Angeles Directory Company	-	-	-	-
1922	R.L. Polk & Co Publishers	-	-	-	-

# TARGET PROPERTY INFORMATION

# **ADDRESS**

Eucalyptus Avenue Chino, CA 91710

# **FINDINGS DETAIL**

Target Property research detail.

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

## **E EUCALYPTUS AVE**

#### 8653 E EUCALYPTUS AVE

<u>Year</u> <u>Uses</u> <u>Source</u>

1970 BOUMA MARTIN General Telephone Company of California

8831 E EUCALYPTUS AVE

<u>Year</u> <u>Uses</u> <u>Source</u>

1970 YOUNG IAN General Telephone Company of California

8888 E EUCALYPTUS AVE

<u>Year</u> <u>Uses</u> <u>Source</u>

1970 BOUMA TED General Telephone Company of California

### **EUCALYPTS AVE**

### **8643 EUCALYPTS AVE**

<u>Year</u> <u>Uses</u> <u>Source</u>

1975 Haagsma Dave Dairy GTE Directories

Haagsma Dave GTE Directories

8653 EUCALYPTS AVE

<u>Year</u> <u>Uses</u> <u>Source</u>

1975 Bouma Martin GTE Directories

8831 EUCALYPTS AVE

<u>Year</u> <u>Uses</u> <u>Source</u>

1975 Young Ian GTE Directories

8888 EUCALYPTS AVE

<u>Year</u> <u>Uses</u> <u>Source</u>

1975 Bouma Ted GTE Directories

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# **EUCALYPTUS AVE**

### **8643 EUCALYPTUS AVE**

<u>Year</u>	<u>Uses</u>	Source
2008	HAASGSMA DAVE DAIRY	Haines Company, Inc.
	HAAGSMA Richard	Haines Company, Inc.
2003	HAASGSMA DAVE DAIRY	Haines & Co Publishers
	LEE Henrietta	Haines & Co Publishers
	HAAGSMA Richard	Haines & Co Publishers
1995	Haagsma Richard	GTE Directories
	Haagsma Richard	GTE Directories
	HAAGSMA DAVE DAIRY	GTE Directories
	HAAGSMA DAVE DAIRY	GTE Directories
1990	Haasgsma Dave Dairy	GTE
1985	HAAGSMA RICHARD	GTE General Telephone Company of California
	HAASGSMA DAVE DAIRY	GTE General Telephone Company of California
1980	HAAGSMA RICHARD	GTE General Telephone Company of California
	HAAGSMA DAIRY DAVE 947 356 S	GTE General Telephone Company of California

### 8653 EUCALYPTUS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
-------------	-------------	---------------

2003 XXXX Haines & Co Publishers

### **8721 EUCALYPTUS AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>

2003 BOUMA Martin Haines & Co Publishers

## 8731 EUCALYPTUS AVE

<u>Year</u>	<u>Uses</u>	Source
2008	XXXX	Haines Company, Inc.
2003	BOUMA Martin	Haines & Co Publishers
1995	Bouma Martin	GTE Directories
	Bouma Martin	GTE Directories
1990	Bouma Martin	GTE
1985	BOUMA MARTIN	GTE General Telephone Company of California
1980	BOUMA MARTIN	GTE General Telephone Company of California

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#### 8831 EUCALYPTUS AVE

<u>Year</u>	<u>Uses</u>	Source
2008	xxxx	Haines Company, Inc.
2003	YOUNG lan	Haines & Co Publishers
1995	Young lan	GTE Directories
	Young lan	GTE Directories
1990	Young lan	GTE
1985	YOUNG IAN	GTE General Telephone Company of California
1980	YOUNG IAN 947 195 C	GTE General Telephone Company of California

## 8888 EUCALYPTUS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	MINABERRY Bernard	Haines Company, Inc.
2003	XXXX	Haines & Co Publishers
1990	Bouma Ted	GTE
1985	BOUMA TED	GTE General Telephone Company of California
1980	BOUMA TED 947 483 C	GTE General Telephone Company of California

## 8911 EUCALYPTUS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	xxxx	Haines Company, Inc.

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# 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
Eucalyptus Avenue	2013, 2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922

### 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
8643 EUCALYPTS AVE	2013, 2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
8643 EUCALYPTUS AVE	2013, 2002, 1996, 1991, 1981, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
8653 E EUCALYPTUS AVE	2013, 2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
8653 EUCALYPTS AVE	2013, 2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
8653 EUCALYPTUS AVE	2013, 2008, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
8721 EUCALYPTUS AVE	2013, 2008, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
8731 EUCALYPTUS AVE	2013, 2002, 1996, 1991, 1981, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
8831 E EUCALYPTUS AVE	2013, 2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
8831 EUCALYPTS AVE	2013, 2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
8831 EUCALYPTUS AVE	2013, 2002, 1996, 1991, 1981, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
8888 E EUCALYPTUS AVE	2013, 2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922

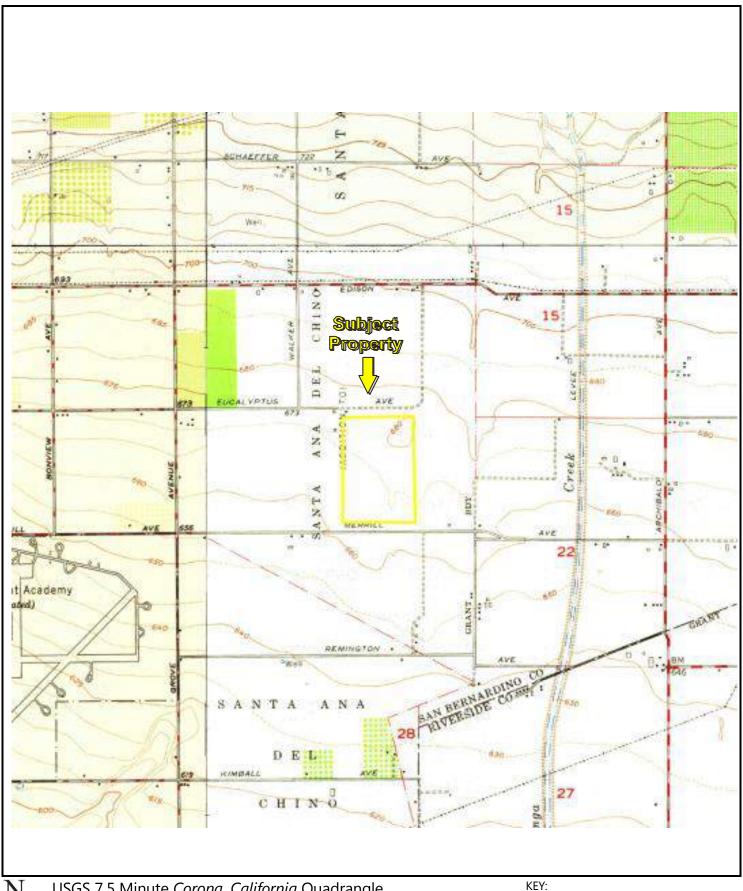
Address Researched	Address Not Identified in Research Source
8888 EUCALYPTS AVE	2013, 2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
8888 EUCALYPTUS AVE	2013, 2002, 1996, 1995, 1991, 1981, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
8911 EUCALYPTUS AVE	2013, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922



USGS 15 Minute Corona, California Quadrangle Created: 1942

Subject Property

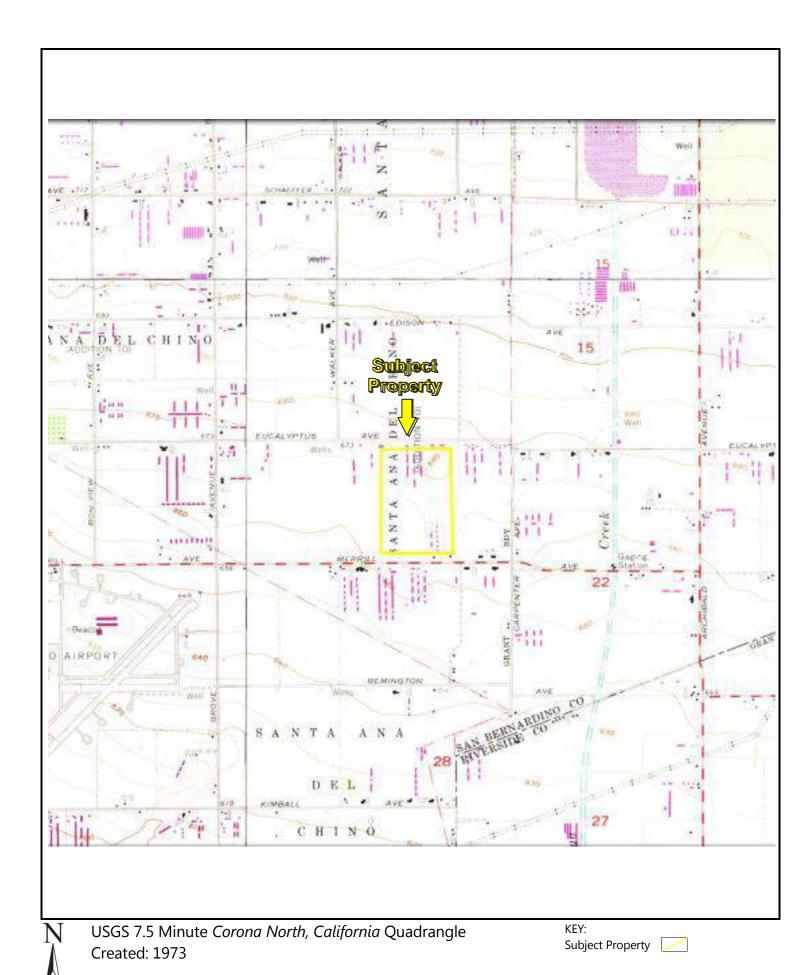




USGS 7.5 Minute Corona, California Quadrangle Created: 1954

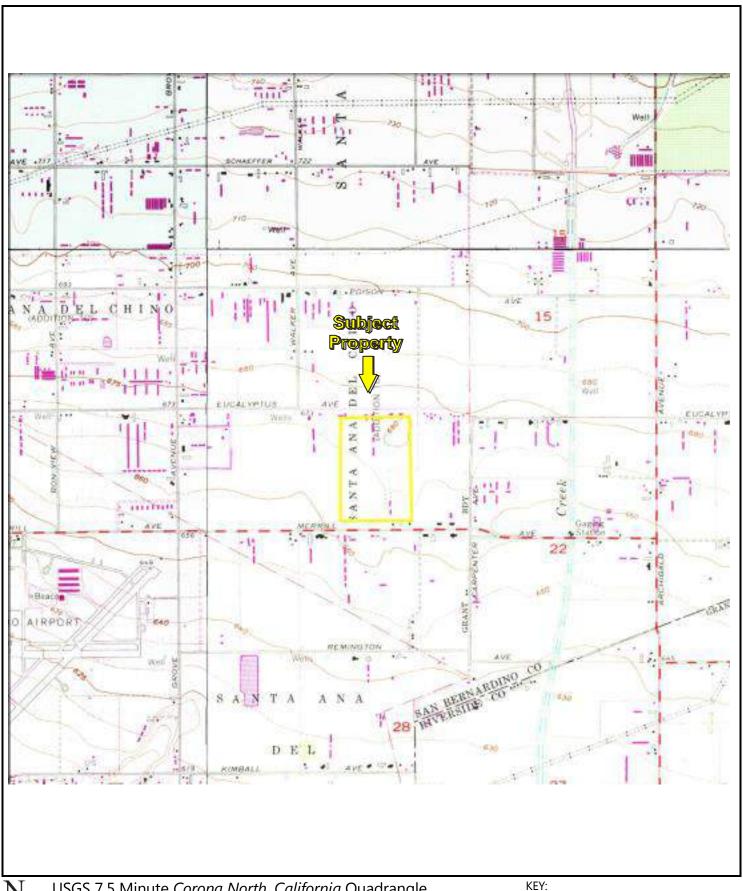
Subject Property





APPENDIX B: HISTORIC TOPOGRAPHIC MAPS Project No. 16-161616.2

**PARTNER** 

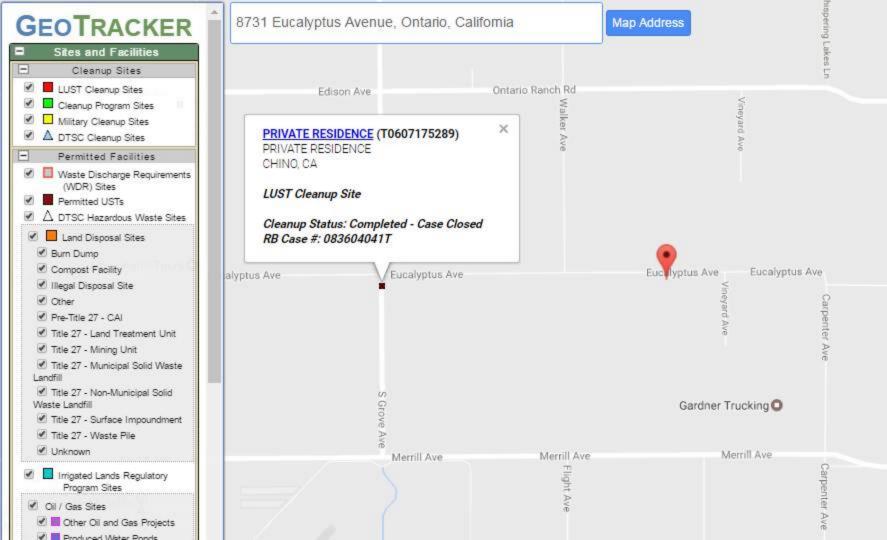


USGS 7.5 Minute Corona North, California Quadrangle Created: 1981

Subject Property







### SOUTH ARCHIBALD TCE PLUME (T10000004658) - (MAP)

#### CLEANUP OVERSIGHT AGENCIES

PRINTABLE CASE SUMMARY

SANTA ANA RWQCB (REGION 8) (LEAD) - CASE #: 2080135

CASEWORKER: KAMRON SAREMI

SIGN UP FOR EMAIL ALERTS

EAST RIVERSIDE DRIVE AND SOUTH ARCHIBALD AVENUE

Summary Cleanup Action Report Regulatory Activities Environmental Data (ESI) Site Maps / Documents Community Involvement Related Cases

**CLEANUP STATUS - DEFINITIONS** 

OPEN - SITE ASSESSMENT AS OF 3/21/2013 - CLEANUP STATUS HISTORY

POTENTIAL CONTAMINANTS OF CONCERN NITRATE, TRICHLOROETHYLENE (TCE)

FILE LOCATION

USER DEFINED BENEFICIAL USE

DWR GROUNDWATER SUB-BASIN NAME Upper Santa Ana Valley - Chino (8-2.01)

REGIONAL BOARD DOMESTIC SUPPLY

GW - INDUSTRIAL PROCESS SUPPLY (PROC), GW - INDUSTRIAL MUN, AGR, IND. PROC SERVICE WATER SUPPLY (IND), GW - MUNICIPAL AND

CALWATER WATERSHED NAME

POTENTIAL MEDIA OF CONCERN

Santa Ana River - Middle Santa Ana River - Chino (Split) (801.21)

AQUIFER USED FOR DRINKING WATER SUPPLY

**DESIGNATED BENEFICIAL USE(S) - DEFINITIONS** 

ONTARIO, CA 91761

Regulatory Profile

SAN BERNARDINO COUNTY

CLEANUP PROGRAM SITE PRINTABLE CASE SUMMARY / CSM REPORT

Site History

A plume of groundwater contaminated by volatile organic chemicals (VOCs) is located south of Calif. State Highway 60 within the City of Ontario. In addition to VOCs, there are also other groundwater contaminants within the plume area that require treatment. The project will consist of three wells; a pipeline to convey the groundwater from the wells to a pipeline connected to Chino Desalter Authority

(CDA) II; and three new decarbonators at CDA II, plume area that require treatment.

#### DRAFT REMEDIAL ACTION PLAN

# Mitigation of TCE Impacts to Groundwater South Archibald Plume Ontario, California

Prepared for:

#### **City of Ontario**

1425 South Bon View Ave Ontario, California 91761

#### City of Upland

460 N. Euclid Ave Upland, California 91786

#### **Inland Empire Utilities Agency**

P.O Box 9020 Chino Hills, California 91709

Prepared by:

#### DUDEK

605 Third Street Encinitas, California 92024

Peter Quinlan, R.G.

Vice President

Jill Weinberger, Ph.D., P.G.

Senior Hydrogeologist

Derek Reed, P.E. Senior Engineer

**AUGUST 2015** 

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#### **FIGURES**

Figure 1 Regional Location

Figure 2 South Archibald Plume Map

#### **GLOSSARY OF TERMS AND ACRONYMS**

1,2,3-TCP 1,2,3-trichloropropane

CDA Chino Basin Desalter Authority

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

Cr(VI) Hexavalent Chromium
COC Constituent of Concern
DRAP Draft Remedial Action Plan

EPA United States Environmental Protection Agency

GAC Granular Activated Carbon
MCL Maximum Contaminant Level

NCP National Oil and Hazardous Substances Pollution Contingency Plan

RAOs Remedial Action Objectives

RWQCB California Regional Water Quality Control Board, Santa Ana Region

 $\begin{array}{ll} TCE & Trichloroethylene \\ \mu g/L & microgram per liter \end{array}$ 



#### **EXECUTIVE SUMMARY**

This Draft Remedial Action Plan (DRAP) was prepared on behalf of the Cities of Ontario (Ontario) and Upland (Upland) and the Inland Empire Utilities Agency to support mitigation of trichloroethylene (TCE) impacts to groundwater in the South Archibald Plume (Plume). The Plume is generally located south of the Pomona Freeway, north of Bellegrave/ Remmington Avenues, east of Grove Avenue and west of Haven Avenue in Ontario. The southern edge of the Plume is migrating toward the Chino Basin Desalter Authority production wells located along Bellegrave Avenue.

A Remedial Investigation, Draft Feasibility Study and this DRAP were prepared under the oversight of the Santa Ana Regional Water Quality Control Board (RWQCB) to investigate the Plume and evaluate alternatives to mitigate the effects of the Plume. The Remedial Investigation, Draft Feasibility Study and DRAP were prepared consistent with applicable requirements of Section 25350 et seq. of Chapter 6.8 of the California Health and Safety Code and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), set forth in Part 300, Title 40 of the Code of Federal Regulations.

Two sets of mitigation alternatives were analyzed. The first set of alternatives, referred to as domestic water supply alternatives, addresses the delivery of replacement water to residences south of Riverside Drive with wells that are currently impacted by TCE. The second set of alternatives, referred to as plume remedial alternatives, addresses remediation of the Plume.

Nine domestic water supply alternatives were identified and, after an initial screening, six were selected for further evaluation in accordance with the United States Environmental Protection Agency (EPA) "Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA" (EPA 1988; referred to as "EPA Guidance") and the NCP. The preferred domestic water supply alternative provides water to all affected residences via either tank systems or connection to the Ontario municipal water supply pipelines.

Thirteen Plume remedial alternatives were identified and, after an initial screening, six alternatives were selected for further evaluation in accordance with the EPA Guidance and the NCP. The selected Plume remedial alternative includes placement of an expansion well in an area of the Plume with higher TCE concentrations to increase the mass removal rate in the short term, along with remediating the TCE impacts to groundwater by removing TCE from the groundwater at the decarbonators of the Chino Basin Desalter Authority (CDA) Chino II Desalter facility. The preferred alternative is protective of human health and the environment, complies with Federal and State requirements that are applicable or relevant and appropriate to the remedial action, is cost effective, and utilizes permanent solutions and alternative



treatment technologies to the maximum extent practicable. This remedy also satisfies the statutory preference for treatment (including contaminant destruction) as a principal element of the remedy.

The Draft Feasibility Study and this DRAP will be finalized based upon regulatory input from the Santa Ana RWQCB, comments received from directly affected public entities/stakeholders (the Chino Basin Desalter Authority [CDA] and member agencies; and, the Chino Basin Watermaster and constituent groups) and the general public through the public comment process. This DRAP is intended to inform and invite the public to participate in selection of the remedial response to impacted groundwater conditions.

To inform the public, there will be an information repository containing all relevant documents that is available electronically and in hard copy. Additionally, there will be two public meetings will be held to discuss this DRAP and the Draft Feasibility Study and solicit additional verbal and/or written comments. Notice of these and other activities will be mailed to local and state agencies, the owners of property within the Plume area, and any other known interested parties.

#### 1 BACKGROUND

This Draft Remedial Action Plan (DRAP) was prepared to support mitigation of trichloroethene (TCE) impacts to groundwater in the South Archibald Plume (Plume), which pose a risk to the future water quality in groundwater production wells operated by the Chino Basin Desalter Authority (CDA). The TCE impacts to groundwater occur beneath an approximately 2,000 acre area of primarily agricultural land located between Grove Avenue on the west, Haven Avenue on the east, Bellegrave/Remington Avenues on the south, and the 60 Freeway on the north in the City of Ontario (Ontario) (Figures 1 and 2).

Private residences where groundwater samples were found to contain TCE at a concentration greater than 4  $\mu g/L$  have been provided with alternative water supplies. The Maximum Contaminant Level (MCL) for TCE, which is the drinking water standard for public water systems, is 5  $\mu g/L$ . A concentration of 4  $\mu g/L$  in private residential wells was selected to provide a margin of safety.

The CDA currently operates 22 groundwater production wells in the lower Chino Basin and is installing additional groundwater production wells along the Riverside/ San Bernardino County line (Figure 2). Groundwater produced by the CDA wells in the vicinity of the Plume is sent to both the Chino I and Chino II Desalters, via raw water pipelines. The water in these pipelines is directed to either the reverse osmosis (including decarbonation) or ion exchange treatment trains. Additionally, at Desalter II, some of the water is allowed through a raw-water bypass without treatment via either reverse osmosis or ion exchange. The capacity of the raw-water bypass is limited by water quality, under the terms of the CDA water supply permit from the California State Water Resources Control Board Division of Drinking Water (formerly the Department of Public Health).

Results of recent groundwater sampling events and groundwater flow modeling indicate that TCE is likely to be detected at concentrations exceeding the maximum contaminant level (MCL) of 5  $\mu$ g/L in the CDA expansion wells proposed for Sites A and 2, as well as at CDA I-11 (Figure 2).

#### 2 REMEDIAL INVESTIGATION

After TCE was detected in several wells in the western Chino Basin, the RWQCB initiated an investigation into the overall extent of the groundwater contamination. The RWQCB investigation found concentrations of TCE that exceeded the MCL in samples from 92 of 167 private wells (Wildermuth, 2009). Between 2007 and 2014 an extensive water quality data set was collected. During this period, 137 private wells were sampled in over 5 rounds of sampling,

DUDEK

and 11 discretely screened monitoring wells were installed. A draft remedial investigation report and supplement, including a human health risk assessment and subsequent addendum (EKI 2011 and 2014) and a Draft Feasibility Study (Dudek 2015) were prepared based on these data.

The data collected between 2007 and 2014 indicate that the Plume is migrating toward CDA I-11, Site A and Site 2. TCE has not been detected at concentrations exceeding the MCL in CDA I-11, and the concentration of TCE in the groundwater at Site A and Site 2 will not be known until wells are installed at these locations. However, the concentration of TCE in CDA I-11 has increased from below detectable levels in 2007 to an average of 2.7 µg/L between January 2014 and January 2015. Additionally, concentrations of TCE in nearby wells upgradient of CDA I-11, Site A and Site 2 have exceed the MCL, indicating that the Plume has already reached some CDA wells and represents a risk to CDA I-11 the proposed CDA groundwater production wells at Site A and Site 2, and the use of the raw water bypass line at Desalter II.

#### 3 SUMMARY OF SITE RISKS

The primary constituent of concern (COC) is TCE. The maximum concentration detected was  $156 \,\mu g/L$  in 1990. Since 2005, the highest detected concentration was  $49 \,\mu g/L$  (EEC 2014). TCE has been identified in groundwater at concentrations exceeding both the U.S. Environmental Protection Agency and California MCLs of  $5 \,\mu g/L$ . TCE is a suspected human carcinogen that can affect several body organs and systems including the central nervous system, respiratory system, liver, kidneys and heart.

Although TCE is the primary COC, other potential constituents of concern have been detected in groundwater samples at concentrations close to or exceeding their respective MCLs or notification levels. These other potential COCs are: 1,2,3-trichloropropane, perchlorate, and hexavalent chromium (Cr(VI)).

The maximum concentration of 1,2,3-TCP detected in samples collected within the footprint of the Plume in 2014 was 0.0082  $\mu$ g/L, which is greater than the California State Notification Level of 0.005  $\mu$ g/L. 1,2,3-TCP is a suspected human carcinogen.

The maximum concentration of perchlorate detected in samples collected within the footprint of the Plume in 2014 was 5.9  $\mu$ g/L. The California MCL for perchlorate is 6  $\mu$ g/L. Studies indicate that ingestion of perchlorate can reduce the thyroid's ability to produce thyroid hormone, because it can block the thyroid's ability to take in iodide, an integral component of thyroid hormone. The thyroid is involved in many critical body functions, including brain and neurological development.

The maximum concentration of Cr(VI) detected in groundwater samples collected within the footprint of the Plume between 2007 and 2012 was 12  $\mu g/L$ . The California MCL for Cr(VI) is 10  $\mu g/L$ . Cr(VI) is a suspected human carcinogen and, when ingested can damage the liver and kidneys.

The Preferred Alternatives identified in this DRAP, or one of the other active measures considered in the DRAP, is necessary to protect public health and welfare and the environment from actual or threatened releases of hazardous substances into the environment.

#### 4 MITIGATION ALTERNATIVES

A Feasibility Study was completed to evaluate alternatives to mitigate the Plume. Through the Feasibility Study process, remedial action objectives (RAOs) were developed as criteria against which the alternatives were evaluated. The RAOs are listed below:

#### 4.1 Remedial Action Objectives

- 1. The numerical goal for TCE in groundwater is the MCL of 5 µg/L. The area of attainment is south of the 60 Freeway; to the west of Haven avenue; to the east of Grove Avenue; and north and west of Bellegrave/Remington Avenues (Figure 2).
- 2. Protect human health and the environment by mitigating the effects of the TCE groundwater Plume.
- 3. Supply uninterrupted replacement water service to all residences that are served by private domestic wells and public supply wells at which TCE has been detected above the MCL within the area of attainment.
- 4. Monitor TCE concentrations in private domestic wells and public supply wells that may contain TCE above the MCL within and down gradient of the area of attainment.
- 5. Minimize the migration of the TCE Plume in groundwater beyond the southern boundary of the area of attainment.
- 6. Minimize the concentration of TCE in the groundwater in un-impacted or less impacted areas within the area of attainment.
- 7. To the extent reasonably practicable, decrease the length of time that TCE impairs the beneficial use of groundwater in the area of attainment.

RAOs 1, 2, 3 and 4 are addressed by the domestic water supply alternatives, while RAOs 1 and 2 and 4 through 7 are addressed by the Plume remedy alternatives. As such, alternatives addressing domestic water supplies for current and potential future affected residences and alternatives addressing remediation of the groundwater Plume were analyzed separately.

#### 4.2 Domestic Water Supply Alternatives

The nine domestic water supply alternatives, identified, developed, and screened in the Feasibility Study are:

- No action consists of no remedial action, no institutional controls, and no engineering controls. Water service to the currently affected residences would cease and the residences would go back to existing domestic wells for domestic water supply. This DWS alternative was included as a requirement of the NCP evaluation process (EPA 1988). Based on the known extent of groundwater impacts to residential wells, this alternative was determined not to meet the applicable RAOs and was not evaluated in detail.
- Whole house treatment system consists of installation of whole house treatment systems to treat groundwater at each affected residential well for TCE, nitrate, and total dissolved solids. This domestic water supply alternative met the applicable RAOs and was retained for further consideration.
- Tank systems and bottled water delivery consists supplying replacement water to residences via tank systems or bottled water delivery. Residences that currently have tank systems would remain on tank systems, and residences that currently receive bottled water would continue to receive bottled water. This domestic water supply alternative met the applicable RAOs and was retained for further consideration.
- Permanent pipeline consists of constructing a permanent potable water distribution pipeline to all affected residences The potable water pipeline would be an extension of the existing Ontario distribution pipeline, and would be sized to meet anticipated eventual population growth. This domestic water supply alternative was found to be difficult to implement and had high costs over both a 10 and 20 year period. Therefore, it was not retained for further consideration.
- Temporary pipeline consists of constructing 4- to 6-inch diameter temporary pipe, to provide potable water from Ontario to all affected residences. The temporary pipe would only be sized to meet the current demands of the existing residences, and its use would be discontinued once the area is eventually developed. This domestic water supply

alternative was found to be difficult to implement and had high costs over both a 10 and 20 year period. Therefore, it was not retained for further consideration.

- New 600 feet deep domestic wells consists of installing new, deeper, domestic water supply wells at the affected residences. Two variations on this domestic water supply alternative were evaluated: one in which each residence would receive a well, for a total of 40 new wells, and one in which one well would be constructed for every three residences, for a total of 14 new wells. Both variations on this domestic water supply alternative met the applicable RAOs and were retained for further consideration.
- Hybrid tank and temporary pipe and tank systems- consists of retaining existing tank systems and installing 4- to 6- inch temporary potable water pipeline. Two variations were considered: one in which the majority of the residences were served by a temporary pipeline and one in which half of the residences would be served by the temporary pipeline. Although both variations on this domestic water supply alternative met the applicable RAOs, only the second variation, in which half of the residences would be served by the temporary pipeline, was retained for further consideration. The first variation was not retained because of its high costs relative to the other domestic water supply alternatives considered.

The retained domestic water supply alternatives were:

Alternative 1 – No action (retained only for comparison with other alternatives)

Alternative 2 – Whole house treatment

Alternative 3 – Existing tank systems and bottled water delivery

Alternative 6A – New 600 feet deep domestic wells at each affected residence

Alternative 6B – One new 600 feet deep domestic well for every three affected residences

Alternative 7B – Hybrid temporary pipe and tank systems

The retained domestic water supply alternatives were evaluated in detail using the criteria identified by the NCP to address the U.S. Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) requirements and considerations. The criteria used to evaluate the alternatives were:

- Overall Protection of Human Health and the Environment
- Compliance with Applicable or Relevant and Appropriate Requirements



- Long-term Effectiveness and Permanence
- Reduction of Toxicity Mobility and Volume through Treatment
- Short-term Effectiveness
- Implementability
- Estimated Cost

The final two criteria, State acceptance and community acceptance, will be evaluated following agency and public participation, review, and comment on the Draft Feasibility Study and this DRAP. Although not specifically listed in the Feasibility Study, the California State Criteria were incorporated into the evaluation against the Federal Criteria listed above. The California State criteria are:

- Health and Safety Risks
- Beneficial Uses of Site Resources
- Effect of Remedial Action on Groundwater Resources
- Site Specific Characteristics
- Cost Effectiveness of Alternative Remedial Action Measures
- Potential Environmental Impacts of Remedial Action

#### 4.3 Preferred Domestic Water Supply Alternative

Based on the detailed evaluation of the domestic water supply alternatives, Domestic Water Supply Alternative 7B (hybrid tank and temporary pipe) was recommended to ensure uninterrupted replacement water is supplied to all affected residences South of Riverside Dr. In this preferred domestic water supply alternative temporary pipeline will be installed to supply potable water from Ontario to serve 21 affected residences. Sixteen affected residences would remain on 15 existing tank systems, and three residences currently on bottled water service would be provided with tank systems. This domestic water supply alternative also includes monitoring of 15 domestic water supply wells currently down gradient of the Plume to determine if replacement water will be required in the future.

The preferred Domestic Water Supply Alternative will achieve all of the applicable RAOs. It will protect human health and the environment, comply with applicable or relevant and appropriate requirements and will prevent exposure to drinking water with TCE above the MCL from impacted domestic wells in the Area of Attainment. The selected Domestic Water Supply Alternative provides the best balance of tradeoffs as compared to the other options in terms of the five balancing criteria and two modifying criteria. This alternative utilizes permanent solutions and alternative treatment technologies to the maximum extent practicable.



Domestic Water Supply Alternative 7B was determined to be highly effective at protecting human health by eliminating the exposure pathway. It can be implemented and its short and long term costs are moderate. Therefore, this domestic water supply alternative was found to provide the best balance of the criteria listed in the EPA guidance.

#### 4.4 Remedial Alternatives

The thirteen Plume remedial alternatives identified, developed, and screened in the Feasibility Study are:

- No action This Plume remedial alternative consists of no remedial actions, no institutional controls, and no engineering controls. This Plume remedial alternative was included for baseline comparison against other Plume remedial alternatives, as a requirement of the NCP evaluation process (EPA 1988). Based on the known extent of groundwater impacts, this Plume remedial alternative was determined not to meet the applicable RAOs and was not evaluated in detail.
- Limited Action / Monitored Natural Attenuation This Plume remedial alternative is similar to the no action Plume remedial alternative, but included installation of four new dual-completion monitoring wells because this Plume remedial alternative does not involve active removal and treatment of TCE. The existing monitoring program would be supplemented with samples collected from the four new wells. Although this Plume remedial alternative was found not to minimize the migration of TCE into un-impacted or less impacted areas, it would be easy to implement and has a low cost. Therefore, this Plume remedial alternative was retained for detailed analysis.
- Wellhead treatment for TCE via Granular Activated Carbon (GAC) This Plume remedial alternative removes TCE from the groundwater at the wellhead before it is directed to the CDA raw water pipeline using a GAC unit to be located at Site 1 (Figure 2). Four variations were proposed:
  - Treatment for CDA I-11
  - o Treatment for CDA I-11 and Site A
  - o Treatment for CDA I-11, Site A and Site 2
  - Treatment for CDA I-11. Site 2 and a northern well at Edison Avenue

The first two variations did not provide sufficient treatment capacity to effectively remediate the Plume in the short-term or long-term. Therefore, they were not retained for further consideration. The last two variations, which treat water from wells CDA I-11, Site 2, and either Site A or a northern well at Edison Avenues were found to meet the applicable RAOs and be effective in the short-term and long-term. Therefore they were retained for further consideration.

- Wellhead treatment for TCE via air stripping This Plume remedial alternative removes TCE from the groundwater at the wellhead before it is directed to the CDA raw water pipeline using an air stripper. Four variations were proposed:
  - o Treatment for CDA I-11
  - o Treatment for CDA I-11 and Site A
  - o Treatment for CDA I-11, Site A and Site 2
  - o Treatment for CDA I-11, Site 2 and a northern well at Edison Avenue

The first two variations did not provide sufficient treatment capacity to effectively remediate the Plume in the short-term or long-term. Therefore, they were not retained for further consideration. The last two variations, which treat water from wells CDA I-11, Site 2, and either Site A or a northern well at Edison Avenues were found to meet the applicable RAOs, however they were also found to be difficult to implement and among the least cost effective of the remedial alternatives identified. Therefore they were not retained for further consideration.

Construction of a dedicated pipeline to Desalter II – This Plume remedial alternative
modifies and expands upon the CDA expansion project by directing water from well
CDA I-11 and the proposed expansion wells directly to the reverse osmosis/ decarbonator
treatment train at Desalter II. Under this Plume remedial alternative all of the water from
wells anticipated to be affected by TCE above the MCL will be treated at Desalter II.

There are two variations of this Plume remedial alternative. The variations differ in the location of the northernmost well connected to the dedicated line. In the first variation, the CDA municipal water supply wells would be constructed at or near at currently proposed locations (Site 1, Site 2, and Site A) (Figure 2). In the second variation, the northernmost well would be constructed in the vicinity of the intersection of Edison Avenue and Archibald Avenue, instead of the well at Site A (Figure 2). Both variations of this Plume remedial alternative were found to be effective in both the short and long

term, and met the applicable RAOs. Therefore, both variations were retained for further consideration.

• In situ remediation - In this Plume remedial alternative zero-valent iron would be injected into 190 boreholes to create a permeable reaction barrier in the aquifer. The barrier would be located in the vicinity of Edison Avenue, down gradient of the highest TCE concentrations, and oriented perpendicular to the direction of groundwater flow. As groundwater passes through the reactive barrier, the chlorinated compounds in the groundwater (e.g., TCE) would be dehalogenated via chemical reduction. Although this remedial alternative was found to be effective in both the short-term and long-term, it would be difficult to implement and had the highest cost of all the proposed remedial alternatives. Therefore, this remedial alternative was not retained for further consideration.

The retained Plume remedial alternatives were:

- Alternative 1 No action (retained only for comparison with other Plume remedy alternatives)
- Alternative 2 Limited Action / Monitored Natural Attenuation
- Alternative 3C GAC wellhead treatment for well CDA I-11, Site 2, and Site A
- Alternative 3D GAC wellhead treatment for well CDA I-11, Site 2, and a northern well at Edison Avenue
- Alternative 5A Dedicated pipeline to Desalter II for well CDA I-11, Site 2 and Site A
- Alternative 5B Dedicated pipeline to Desalter II for well CDA I-11, Site 2 and a northern well at Edison Avenue

The retained Plume remedial alternatives were evaluated in detail using the criteria identified by the NCP to address the CERCLA requirements and considerations. The criteria used to evaluate the alternatives were:

- Overall Protection of Human Health and the Environment
- Compliance with Applicable or Relevant and Appropriate Requirements
- Long-term Effectiveness and Permanence
- Reduction of Toxicity Mobility and Volume through Treatment
- Short-term Effectiveness
- Implementability



- Estimated Cost
- State Acceptance
- Community Acceptance

The final two criteria, State acceptance and community acceptance, will be evaluated following agency and public participation, review, and comment on the Draft Feasibility Study and this DRAP. Although not specifically listed in the Feasibility Study, the California State Criteria were incorporated into the evaluation against the Federal Criteria listed above. The California State criteria are:

- Health and Safety Risks
- Beneficial Uses of Site Resources
- Effect of Remedial Action on Groundwater Resources
- Site Specific Characteristics
- Cost Effectiveness of Alternative Remedial Action Measures
- Potential Environmental Impacts of Remedial Action

#### 4.5 Preferred Plume Remedial Alternative

Based on the detailed comparative evaluation of the Plume remedial alternatives, Plume Remedial Alternative 5B is the preferred plume remedial alternative. This preferred Plume remedial alternative removes TCE affected groundwater from the aquifer using both CDA I-11 and three additional production wells that will be installed as part of the CDA Phase III expansion project. In the preferred Plume remedial alternative, the northernmost of the CDA expansion wells will be installed in the vicinity of the intersection of Edison Avenue and Archibald Avenue (Figure 2). This well would be located closer to higher measured concentrations of TCE in the groundwater and would, therefore, remove more TCE mass from the aquifer in the short term than many of the other alternatives considered.

The water from well CDA I-11 and the proposed expansion wells will go directly to the reverse osmosis/ decarbonator treatment train at Desalter II in a dedicated 24 inch pipeline that will run parallel to the existing CDA pipeline on Bellegrave Avenue. All of the water from wells anticipated to be affected by TCE above the MCL will be pumped to Desalter II in the 24 inch dedicated line.

TCE will be removed at Desalter II as the water passes through three new taller decarbonators, that blow air past the water as it travels down the decarbonator tower. This process transfers TCE, a volatile organic compound, out of the water and into the air where it will be destroyed through photolysis and interaction with hydroxyl radicals. The new

decarbonators to be installed at Desalter II will be capable of removing 95% of the TCE in the influent.

The Preferred Plume Remedy will achieve all of the applicable RAOs. It will protect human health and the environment, comply with applicable or relevant and appropriate requirements and will clean up the TCE Plume in groundwater to below the MCL of 5 µg/L in the Area of Attainment. The use of a northern well will reduce the timeframe for remediating TCE-impairment of beneficial use of groundwater in the Area of Attainment. The selected remedy will remove TCE from groundwater; minimize migration of TCE groundwater contamination into less, or unimpacted areas and capture TCE contamination in groundwater at the southern edge of the Area of Attainment; and will treat extracted groundwater for TCE. In doing so, the selected remedy will reduce the volume and mobility of the TCE groundwater Plume. The Selected Plume Remedy provides the best balance of tradeoffs as compared to the other options in terms of the five balancing criteria and two modifying criteria. This remedy also satisfies the statutory preference for treatment (including contaminant destruction) as a principal element of the remedy and utilizes permanent solutions and alternative treatment technologies to the maximum extent practicable.

#### 5 MONITORING AND REPORTING

The performance of this plume remedial alternative will be monitored by both the CDA and the Chino Basin Watermaster. The CDA routinely performs operational monitoring and water quality sampling to ensure that the water it serves to the member agencies complies with Federal and State drinking water standards. Additionally, the Chino Basin Watermaster measures water levels and takes water quality samples from wells throughout the Chino basin. These measurements will help to ensure that the CDA well field maintains hydraulic control of the Plume and that TCE impacts to groundwater will not migrate south of the CDA well field.

#### 6 PUBLIC PARTICIPATION

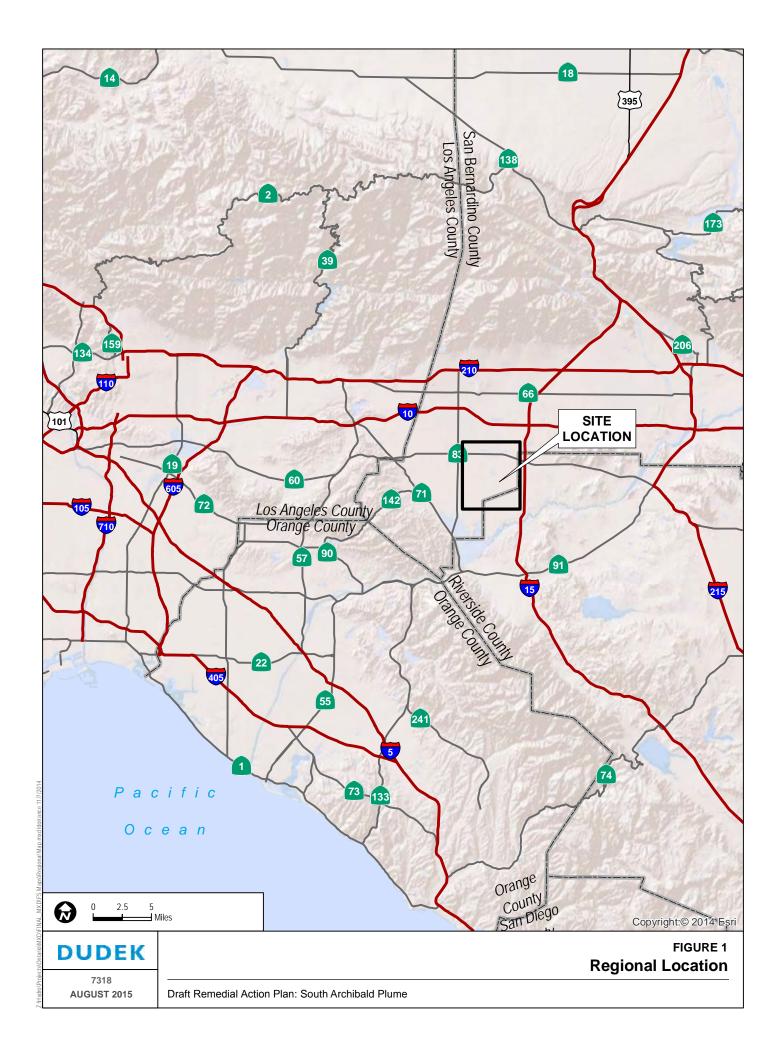
A series of outreach activities has been conducted by several entities as part of the progression from the first groundwater TCE detections through to the upcoming public input to be received on the Draft Feasibility Study and this DRAP. There will be an information repository containing all relevant documents that is available electronically on a website and in hard copy at Ontario City Hall. The website will also have a fact sheet describing this matter. In addition, a community survey will be sent to the public to determine the most effective way to communicate with the public. Finally, near the end of the public comment period, two public meetings will be held to discuss this DRAP and the Draft Feasibility Study and solicit additional verbal and/or

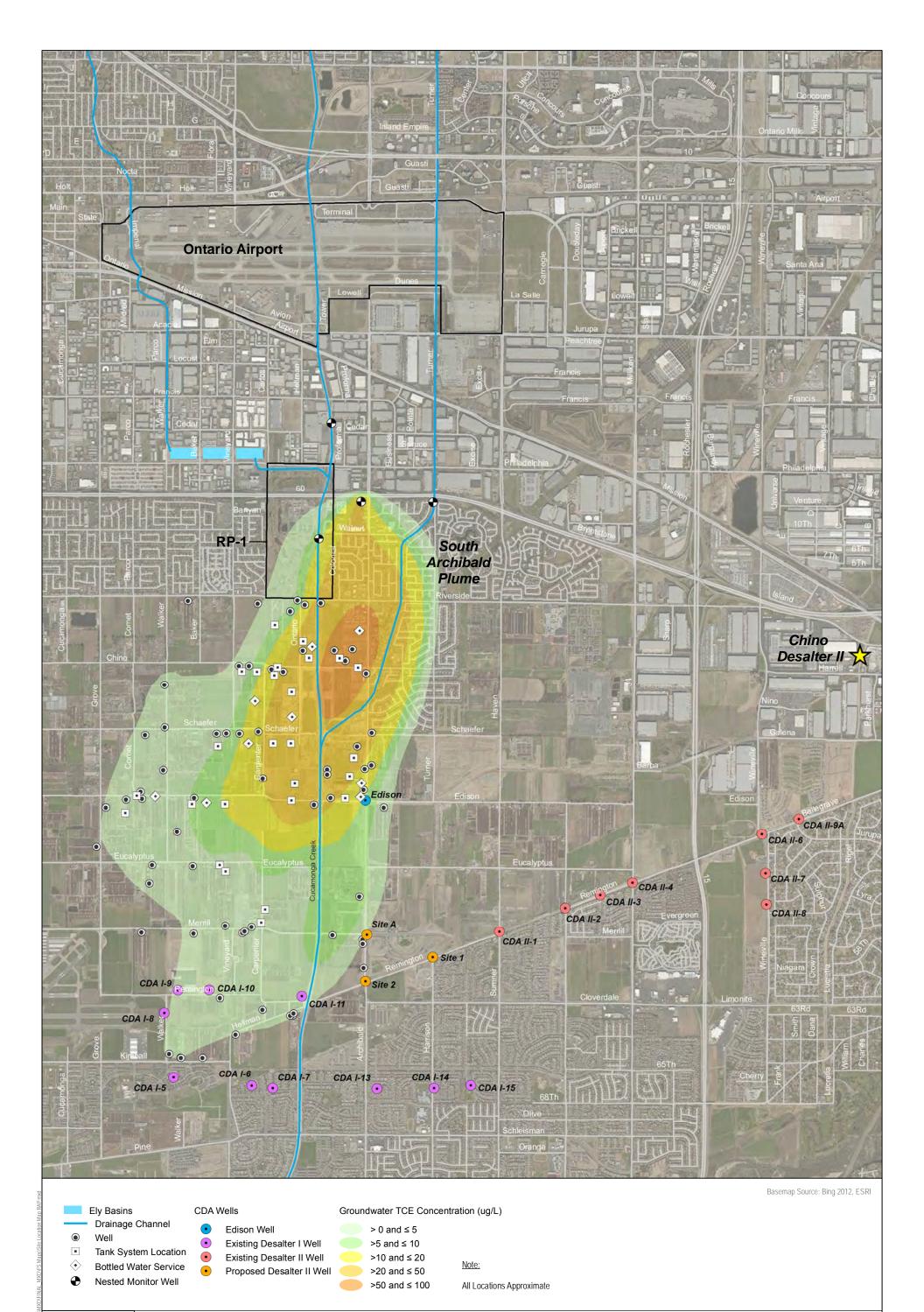
written public comments. Notice of these Activities will be mailed to local and state agencies, the owners of properties within the Plume area, and any other known interested parties.



#### 7 REFERENCES

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AUGUST 2015

FIGURE 2 South Archibald Plume Map

4,000 Feet

# NOTICE OF DOCUMENT DEPOSITORY AND PREPARATION OF COMMUNITY RELATIONS PLAN

### Trichloroethene Plume, Central Chino Groundwater Basin, Ontario, California

The City of Ontario is providing this public notice to announce the creation of a document depository for the remedial investigation and feasibility study for the Trichloroethene Plume ("TCE Plume"), which is located in an area bordered by Grove Ave on the west, Turner Ave on the east, Kimball Ave on the south and the 60 Freeway on the north. The TCE Plume is located in the groundwater, however, the municipal water supply provided to the residents of the City of Ontario is treated and safe.

You may view TCE Plume documents at the following location and website:

City Hall 303 East "B" Street Ontario, California 91764

#### www.TCEPlumeCleanUp.com

A Technical Assistance Grant may be available to provide funding to obtain an independent technical advisor(s) to help the community understand site-related technical information.

The City of Ontario is in process of preparing a Community Relations Plan to solicit interested parties' concerns and information needs and to learn how and when interested parties would like to be involved in the process. If you would like to be interviewed, please submit your name and best method of contact (e.g., phone number, email address, mailing address . . . etc.) by email to Ashley Hudgens at Info@TCEPlumeCleanUp.com.

Comments and questions concerning the TCE Plume may be submitted by email to: Ashley Hudgens at Info@TCEPlumeCleanUp.com.



### California Regional Water Quality Control Board and City of Ontario

## Community

#### **FACT SHEET**

If you would like more information about the TCE Plume, please contact the project representative listed below. Documents for this project are available for review at the City of Ontario City Hall in Ontario and online at: TCEPlumeCleanUp.com

Ms. Tara Bravo 510.300.5843 info@TCEPlumeCleanUp.com

#### History

TCE was the most common degreasing and cleaning solvent used by industry beginning in the 1940s through the early 1970s, when environmental concerns led to a decline in its use and its eventual ban.

The TCE Plume is located in an aquifer underground about 2,000 acres of land in south Ontario.

The City of Ontario will continue to reach out to the general public to afford the community the opportunity to be involved in the TCE Plume cleanup efforts.

#### **NOTICE - TCE Plume Investigation**

This Community Fact Sheet is being distributed in order to notify interested parties of efforts to clean up a plume of dissolved TCE (trichloroethylene) in the groundwater beneath a portion of south Ontario. Although the plume is located in the groundwater, the Ontario municipal water supply is safe to drink.

Regional partners and the Santa Ana Regional Water Quality Control Board are working together to determine the best way to treat the water and clean up the TCE Plume. A feasibility study is being conducted by the City of Ontario and regional partners to examine and select the best cleanup strategy.

Issues related to the TCE Plume have been addressed at several City of Ontario council meetings. The City has entered into a Memorandum of Understanding with the Chino Basin Desalter Authority, the Inland Empire Utilities Agency, and other surrounding agencies to work collaboratively to clean up the TCE Plume.

Alternative drinking water that meets all state and federal drinking water standards has been offered to users of groundwater wells that are impacted by the TCE Plume.

#### What is trichloroethylene (TCE)?

TCE is a nonflammable volatile organic chemical that was used for a variety of industrial purposes beginning in the 1940s, until the early 1970s when environmental concerns led to the decline of its use and eventual ban. It is regulated by California and the U.S. EPA. Studies suggest that exposure at certain levels may increase the risk of cancer.

#### What is a plume?

A plume is a specific area within a groundwater basin that is contaminated or polluted. A plume's shape and size can vary depending on geology and flow characteristics of the groundwater.

#### Where is the TCE Plume located?

The South Archibald TCE Plume is located in the aquifer underground a portion of south Ontario. The Plume is in the Chino subbasin of the Santa Ana Valley groundwater basin.

The TCE Plume is approximately 15,000 feet long and 6,000 feet wide. It is underneath about 2,000 acres of South Ontario, bordered by Grove Ave on the west, Turner Ave on the east, Kimball Ave on the south and the 60 Freeway on the north.

#### Is there a risk to my health?

TCE is a carcinogen and exposure at certain levels can cause health impacts, however, the City of Ontario along with some of the companies that historically used TCE in Ontario have offered alternative drinking water that meets all state and federal drinking water standards for residents whose wells are affected by the TCE

Drinking water provided from the City of Ontario is safe and is regularly sampled and thoroughly tested. Information about your drinking water can be found in the City of Ontario's Annual Consumer Confidence Report.

The City of Ontario is working diligently with its partners to ensure that the TCE Plume is treated and to minimize pollution migration.

#### What if I live within the TCE Plume area?

City of Ontario water customers connected to the municipal water supply receive drinking water that meets all state and federal drinking water standards. The City of Ontario regularly samples and tests its municipal water supply to ensure its safety. Groundwater well users who are not connected to the municipal water supply and whose wells have been impacted by the TCE Plume have been offered alternative supplies of drinking water.



#### Inside...

this Fact Sheet you will find information about the TCE Plume in groundwater in south Ontario.

You are receiving this Fact Sheet because you are a resident in the vicinity of the TCE Plume.

Feel free to contact the project representative listed on the opposite page if you have any questions or comments. You can also find more information online at: TCEPlumeCleanUp.com

**Contact Info** 

postage

**Mailing address** 

### PRIVATE PROPERTY SAMPLING REPORT ONTARIO, CALIFORNIA

September 18, 2013

#### Prepared By:

Environmental Engineering and Contracting, Inc. 501 Parkcenter Drive
Santa Ana, California 92705
EEC Job S1958.03T

Jim Kolk
Senior Project Engineer

Mark Zeko, PG, CHG Principal Hydrogeologist

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Figure 1 – Private Property Sampling Results

#### **APPENDICES**

Appendix A – General Sampling Protocol

#### Private Property Sampling Report Ontario, California

#### 1.0 INTRODUCTION AND BACKGROUND

Four rounds of sampling have now been conducted for several volatile organic compounds (VOCs) including trichloroethylene (TCE) in the area south of Riverside Drive in the City of Ontario. Those sampling rounds are roughly described as follows:

- Sampling conducted between December 2007 and October 2008, with a small number of samples collected thereafter;
- Sampling conducted between February 2009 and March 2009, with a small number of samples collected thereafter;
- Sampling undertaken by the Chino Basin Water Master was conducted between August 2011 to December 2011, with a small number of samples collected thereafter;
- Sampling conducted between July 2013 and August 2013.

A consulting firm conducted the first two rounds of sampling on behalf of private companies, and in cooperation with the Regional Water Board. The Chino Basin Water Master conducted the third round of sampling where split samples were collected by a consulting firm in conjunction with the Chino Basin Water Master. A consulting firm conducted the fourth round of sampling on behalf of public agencies and private companies, and in cooperation with the Regional Water Board.

The sampling protocol utilized is described in Appendix A. The split sampling undertaken in connection with the third round of sampling was also conducted in general conformance with this protocol.

#### 2.0 SAMPLING RESULTS

The following tables and figures provide a summary of each sampling event. The TCE concentrations and sampling identification numbers are listed in Table 1. The sampling locations and TCE concentration ranges are depicted in Figure 1. The results for all other volatile organic compounds (VOCs) analyzed are listed in Table 2 through Table 10.

Table 1
Private Property Sampling Results - Trichloroethene (TCE)
Ontario, California

	Drivete Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)		Round 4 (2013)					
Location ID	Private Well ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE		
1	W26	1	24-Apr-08	Dairy Tap	7.4	1	10-Mar-09	Dairy Tap	9.8	-	1	NS		NS					
		1-D			7.1	1-D			10										
2	Unknown	2 2-D	25-Oct-08	House Tap	16 15	-	NS				NS				NS				
2	W40	3	07 hm 00	Kitahan Tan	16	3 40 May 00 Kitchen Ton			14			NC	3	47 1.140	Vitabaa Taa	7.5			
3	W42	3-D	27-Jun-08	Kitchen Tap	16	3-D	19-Mar-09	Kitchen Tap	14			NS		3-D	17-Jul-13	Kitchen Tap	7.5		
4	W37	4	4-Oct-08	Kitchen Tap	3.6	4	7-Mar-09	Kitchen Tap	3.5	4	21-Dec-11	Kitchen Tap	2.6	4	17-Jul-13	Kitchen Tap	3.2		
		4-D	. 55. 55		3.7	4-D			3.5	4-D			2.5	4-D	• • • • •	- 111011011 1 44	3.3		
5	W38	5	4-Oct-08	Dairy Tap	4.1	5	7-Mar-09	Hose Bib	3.3	-	I	NS	5	1-Aug-13	Kitchen Tap	2.6			
		5-D			3.8	5-D			3.3					5-D			2.6		
6		6 6-D	4-Oct-08	Dairy Tap	4.7 4.9	6 6-D	19-Mar-09	Restroom Tap	3.7		1	NS		6 6-D	17-Jul-13	Well supply	2.2		
	W41	7			4.5	7			3.9					0-0	<u> </u>		2.2		
7		7-D	25-Oct-08									N	S						
9				NS				NS		9	29-Aug-11	Kitchen Tap	2.4	- NS					
<u> </u>										9-D	9-D 2.2								
10	W66			NS		NS NS				10	29-Aug-11	Kitchen Tap	2.3	NS					
										10-D		<del>                                     </del>	2.3						
11				NS						11 11-D	29-Aug-11	Kitchen Tap 2.2		NS					
		12			3.3	12	12			12			2.0	12		_	1.6		
12	W7	12-D	7-Feb-08	Dairy Tap	3.3	12-D	6-Mar-09	Dairy Tap	3.6	12-D	24-Aug-11	Kitchen Tap	2.1	12-D	6-Aug-13	Well Supply	1.5		
13		13	25-Oct-08	House Tap	0.96			NS				NS			N	Q			
13		13-D	23-001-08	riouse rap	0.99		·	NO				NO .			IN				
14	W6	14	25-Oct-08	Kitchen Tap	0.92	-	Ī	NS			ĺ	NS			N	S			
		14-D		'	0.88														
15		15	11-Dec-07	House Tap	1.6	15	5-Mar-09	Kitchen Tap	0.72	_	ĺ	NS			N	S			
		15-D			1.4	15-D			0.78										
17	W5	17 17-D	6-Feb-08	Kitchen Tap	0.95 0.95	17 17-D	5-Mar-09	Outside Tap	0.81	-	I	NS		N	S				
		18			0.95	17-0			0.79										
18	Unknown	18						NS	NS										

Table 1
Private Property Sampling Results - Trichloroethene (TCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)			
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE		
19	W1	19 19-D	3-Dec-07	House Tap	1.2 1.1	19 19-D	- 5-Mar-09	House Tap	0.87 0.88			NS			NS				
21	W40	21 21-D	1-May-08	Outside Tap	ND (0.50) ND (0.50)	21 21-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			NS				
28	W2	28 28-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	28 28-D	- 6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			NS				
30	1440	30 30-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)		I	NS				NS							
32	W3	32 32-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)	32 32-D	6-Mar-09	Kitchen Tap	1.3 1.3			NS		NS					
40	Unknown			NS			1	NS				NS		40 29-Jul-13 Kitchen Tap ND					
41		41 41-D	4-Feb-08	Kitchen Tap	11 12	41 41-D	5-Mar-09	Kitchen Tap	7.7 7.7			NS		41 41-D	29-Jul-13	Well Supply	2.9		
42	W4	42 42-D	22-Feb-08	Kitchen Tap	9.7 9.6	42 42-D	5-Mar-09	Kitchen Tap	8.9 8.9			NS		NS					
43		43 43-D	22-Feb-08	Kitchen Tap	10 9.6	43 43-D	- 5-Mar-09	Kitchen Tap	9 9.1			NS		NS					
44	Unknown	44 44-D	27-Sep-08	Kitchen Tap	7.3 8.3	44 44-D	19-Mar-09	Kitchen Tap	5.9 5.6			NS		44 44-D	- 25-Jul-13	Well Supply	3.1 3.4		
45	Unknown	45 45-D	27-Sep-08	House Tap	7.7 7.6	45 45-D	10-Mar-09	Kitchen Tap	4.4 4.6			NS			N	S			
46	Unknown	46 46-D	18-Apr-08	Kitchen Tap	21 22		ı	NS				NS			N	S			
48	W48	48 48-D	16-Apr-08	Kitchen Tap	38 38	48 48-D	11-Mar-09	Kitchen Tap	25 25			NS	48 48-D	25-Jul-13	Well Supply	7.9 8.5			
49	Unknown	49 49-D	25-Oct-08	Kitchen Tap	1.7	49 49-D	7-Mar-09	Kitchen Tap	1.4	49 22-Aug-11 Kitchen Tap 1.2 1.3				- NS					
50	W25	50 50-D	4-Feb-08	Outside Tap	1.7	50 50-D	7-Mar-09	Kitchen Tap	1.6 1.6	50 50-D	22-Aug-11	Kitchen Tap	1.6 1.6	- NS					
51	Unknown	51 51-D	27-Sep-08	Outside Tap	13 13	51 51-D	- 11-Mar-09	Kitchen Tap	7.9 8.6	51 51-D	8-Sep-11	Kitchen Tap	ND (0.50) <sup>(2)</sup> ND (0.50) <sup>(2)</sup>		N	S			

Table 1
Private Property Sampling Results - Trichloroethene (TCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)		
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	
52	W22	52 52-D	- 27-Sep-08	Kitchen Tap	15 15	52 52-D	11-Mar-09	Barn Tap	7.8	-		NS			NS			
		53 53-D	27-Sep-08	Outside Tap	13 13	NS NS					NS				NS			
53		53 53-D	- 25-Oct-08	Kitchen Tap	13 13	NS NS						NS			NS			
54	W24	54 54-D	25-Oct-08	Kitchen Tap	11 11	54 54-D	10-Mar-09	Kitchen Tap	10 9.6			NS			N	S		
55		55 55-D	- 25-Oct-08	Kitchen Tap	10 9.3	55 55-D	10-Mar-09	Kitchen Tap	10 11			NS			N	S		
56		56 56-D	25-Oct-08	Outside Tap	12 12	56 56-D	10-Mar-09	Kitchen Tap	11 10			NS		56 56-D	25-Jul-13	Outside Tap	ND (0.50) ND (0.50)	
57	Unknown	57 57-D	27-Sep-08	Kitchen Tap	80 72	57 57-D	11-Mar-09	Kitchen Tap	43 44			NS	NS					
59	W59	59 59-D	- 1-Jul-08	Kitchen Tap	55 57	59 59-D	7-Mar-09	Outside Tap	70 71	59 59-D	- 12-Sep-11	Kitchen Tap	ND (0.50) <sup>(2)</sup> ND (0.50) <sup>(2)</sup>	59 59-D	25-Jul-13	Well Supply	36 36	
61	Unknown	61 61-D	27-Sep-08	Kitchen Tap	91 85	61 61-D	11-Mar-09	Kitchen Tap	79 63			NS		NS				
62	W62	62 62-D	- 1-May-08	Barn Tap	140 140	62 62-D	11-Mar-09	Kitchen Tap	72 65	-		NS		NS				
63	W126			NS			ļ	NS				NS		63 63-D	29-Jul-13	Kitchen Tap	32 32	
64	VV 120			NS			İ	NS		NS				64 64-D	29-Jul-13	Non- Residential Kitchen Tap	29 32	
65	Unknown	65 65-D	- 25-Jun-08	Kitchen Tap	20 19	65 65-D	7-Mar-09	Kitchen Tap	16 15			NS		NS				
66	Unknown			NS		66 66-D	8-Oct-09	Kitchen Tap	ND (0.50) ND (0.50)	66 66-D	- 17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	─ NS				
67	Unknown	67 67-D	- 1-Jul-08	Bathroom Tap	ND (0.50) ND (0.50)	67 67-D	11-Mar-09	Bathroom Tap	ND (0.50) ND (0.50)			NS		NS				
68	Unknown			NS				NS		68         12-Sep-11         Non-Residential Kitchen Tap         46				— NS				

Table 1
Private Property Sampling Results - Trichloroethene (TCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)			
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE		
69	Unknown			NS			ľ	NS		69	8-Sep-11		ND (0.50) <sup>(3)</sup>	NS					
			<u></u>						1	69-D	5 5 G	Kitchen Tap	ND (0.50) <sup>(3)</sup>						
72		72	1-Jul-08	Kitchen Tap	9.8	72	12-Mar-09	Kitchen Tap	8.1	-		NS		72	29-Jul-13	Well Supply	0.8		
	W12	72-D			9.8	72-D		•	7.9					72-D 1.1					
73		73									NS								
		73-D			9.1	73-D			8										
74		74	25-Oct-08	Outside Tap	13	74	19-Mar-09	Outside Tap	12			NS			N	S			
		74-D			13	74-D			12										
75		75 75-D	25-Oct-08	Outside Tap	18 18	75 75-D	12-Mar-09	Kitchen Tap	13 14			NS			N	S			
	W14	75-D 76			19	75-D 76			13					+					
76		76-D	25-Jun-08	Kitchen Tap	19	76-D	12-Mar-09	Kitchen Tap	13	-		NS		NS					
		77			12	77			17					77			0.89		
77		77-D	25-Oct-08	Outside Tap	13	77-D	19-Mar-09	Outside Tap	17			NS		77-D	18-Jul-13	Outside Tap	0.93		
70		78	4.0.4.00	0.4.1. =	50	78	78	Kitahan Tan	42	78	10.0 11	10: 1 T	Kitchen Tap		NS				
78	W27	78-D	4-Oct-08	Outside Tap	49	78-D	12-Mar-09	Kitchen Tap	44	78-D	12-Sep-11	Kitchen Tap	11	СИ					
79	VVZI	79	4-Feb-08	Kitchen Tap	37	79	11-Mar-09	Kitchen Tap	37			NS		NS					
75		79-D	4-1 CD-00	Tationen Tap	37	79-D	TT-Wat-05	Tap	38			140							
81	Unknown	81	18-Apr-08	Outside Tap	ND (0.50)	81	12-Mar-09	Outside Tap	ND (0.50)			NS		NS					
<u>.                                    </u>		81-D			ND (0.50)	81-D			ND (0.50)										
84	W13	84	24-Apr-08	Kitchen Tap	ND (0.50)	84	12-Mar-09	Kitchen Tap	ND (0.50)			NS		84	18-Jul-13	Kitchen Tap	ND (0.50)		
		84-D	·		ND (0.50)			·	ND (0.50)		1	T	1	84-D		·	ND (0.50)		
86	W28	86	4-Oct-08	House Tap	0.55	86	11-Mar-09	Kitchen Tap	0.76	86	17-Aug-11	Kitchen Tap	2.2	86	1-Aug-13	Kitchen Tap	3.1		
		86-D			0.54	86-D			0.75	86-D			2.2	86-D			3.1		
95	W29	95	4-Feb-08	Dairy Tap	ND (0.50)	95	11-Mar-09	Kitchen Tap	ND (0.50)	-		NS			N	S			
		95-D			ND (0.50)	95-D			ND (0.50)					00			12		
96	Unknown	96 96-D	4-Oct-08	Kitchen Tap	0.98	96 96-D	11-Mar-09	Kitchen Tap	0.87	- NS				96 96-D	1-Aug-13 Kitchen Tap		13 14		
		90-D			1.1	90-D			0.09	98			18	90-D			14		
98				NS			NS			98-D	26-Oct-11	Kitchen Tap	18	NS NS					
	W124								99 13										
99				NS				NS		99-D 26-Oct-11 Kitchen Tap 15			NS NS						

Table 1
Private Property Sampling Results - Trichloroethene (TCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)			
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE		
101	W125			NS			İ	NS		NS				101 101-D	18-Jul-13	Kitchen Tap	46 45		
		102	4-Dec-08	Kitchen Tap	26	102	19-Mar-09	Outside Tap	20			NS	NS						
102		102-D			26	102-D			20										
		102 102-D	17-Dec-08	Kitchen Tap (RO)	ND (0.50) ND (0.50)		1	NS				NS			N	S			
104	W15	104	25-Jun-08	Kitchen Tap	ND (0.50)		į	NS				NS			N	9			
104	WIS	104-D	25-3uii-00	Ritchell Tap	ND (0.50)			NO				NO		NS					
		105	25-Oct-08	Outside Tap	25	105	12-Mar-09	Outside Tap	26			NS			N	S			
105		105-D	20 00:00	Catolae Fap	24	105-D	12 Mai 00	Outoido Tap	24					NS					
.00		105 17-Dec-08		Kitchen Tap (RO)	23		I	IS				NS		NS					
		105-D 24									_		_						
106	Unknown			NS		106 106-D	1-Oct-09	Outside Tap	4.3	106 106-D	8-Sep-11	Kitchen Tap	ND (0.50) <sup>(2)</sup> ND (0.50) <sup>(2)</sup>	106 106-D	19-Jul-13	Well Supply	ND (0.50) ND (0.50)		
107	Unknown	107	5-Dec-07	Kitchen Tap	12	107	6-Mar-09	Kitchen Tap	6.9	- NS				107	19-Jul-13	Non- Residential	ND (0.50)		
		107-D		,	11	107-D	107-D		6.8	<del> </del>				107-D		Kitchen Tap	ND (0.50)		
108	Unknown	108	25-Oct-08	Kitchen Tap	5.9	5-Mar-09 Kitchen Tap			7.8			NS		NS					
		108-D			5.8	108-D		•	7.6										
109	Unknown			NS		109	5-Jan-10	Kitchen Tap	1.4	NS				NS					
						109-D			1.4	444	1		1.5	444			0		
111	Unknown			NS			İ	NS		111	27-Sep-11	Kitchen Tap	4.5	111	6-Aug-13	Well Supply	2		
										111-D 112	_		4.5 4.6	111-D 112			1.7 3.1		
112	Unknown			NS				NS		112-D	18-Oct-11	Kitchen Tap	4.8	112-D	1-Aug-13	Kitchen Tap	3.3		
440	10/4.0	113	05 h.m 00	Kitah an Tan	3.8	113	5 Mar. 00	Mitaban Tan	3.6	113	47 A 44	Kitah an Tan	3.1	113	40	Dawa Tan	0.74		
113	W16	113-D	25-Jun-08	Kitchen Tap	3.6	113-D	5-Mar-09	Kitchen Tap	3.4	113-D	17-Aug-11	Kitchen Tap	3.0	113-D	13-Aug-13	Barn Tap	0.72		
114		114		Kitchen Tan	ND (0.50)	114	6-Mar 00	Kitchen Tan	ND (0.50)	NIG		NS							
114	W10	1-Jul-08 114-D	Kitchen Tap	ND (0.50)	) 114-D	- 6-Mar-09	Kitchen Tap	ND (0.50)	(0.50) NS				NS						
115	***10	115	7-Feb-08	Kitchen Tap	0.65	115	6-Mar-09	Kitchen Tap	ND (0.50)	NS NS				NS					
		115-D	30 00		0.61	115-D	25.		ND (0.50)			-·		INO					

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Private Property Sampling Results - Trichloroethene (TCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE
		116 116-D	15-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	116 116-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	-		NS			N	IS	
116	W9			NS	(===)	116-W 116-WD	6-Mar-09	Drinking Water Tap	ND (0.50) ND (0.50)	-		NS			N	IS	
117	W39	117 117-D	24-Apr-08	Outside Tap	0.74	117 117-D	19-Mar-09	House Tap	0.65			NS			N	IS	
118	W18	118 118-D	24-Apr-08	Outside Tap	4.4	118 118-D	7-Mar-09	Kitchen Tap	3.5	-		NS		118 118-D	17-Jul-13	Kitchen Tap	1.9 1.9
119		119 119-D	3-Dec-07	Kitchen Tap	3.7 3.7	119 119-D	5-Mar-09	Kitchen Tap	1.8 1.8	119 119-D	- 22-Aug-11	Kitchen Tap	3.3	119 119-D	17-Jul-13	Kitchen Tap	2.8
121	W17	121 121-D	21-Dec-07	Kitchen Tap	3.8 3.9	121 121-D	5-Mar-09	Kitchen Tap	2 1.9	-		NS			N	IS	
122		122 122-D	21-Dec-07	Kitchen Tap	3.6 3.6	122 122-D	5-Mar-09	Kitchen Tap	2.4	-		NS			N	IS	
127	W19	127 127-D	16-Apr-08	Kitchen Tap	4.1 3.9	127 127-D	7-Mar-09	Kitchen Tap	2.7	-		NS		127 127-D	17-Jul-13	Well Supply	0.71 0.74
128	W32	128 128-D	6-Feb-08	Kitchen Tap	3.1 3.1	128 128-D	7-Mar-09	Kitchen Tap	2.4	128 128-D	- 18-Oct-11	Kitchen Tap	1.7	128 128-D	6-Aug-13	Kitchen Tap	1.4
129	Unknown			NS			1	NS				NS		129 129-D	19-Jul-13	Kitchen Tap	0.74 0.78
130	Unknown			NS			ı	NS		130 130-D	1-Sep-11	Kitchen Tap	2.5 2.4	130 130-D	19-Jul-13	Kitchen Tap	3.7 3.7
131	W30	131 131-D	24-Apr-08	Kitchen Tap	2.0	131 131-D	6-Mar-09	Kitchen Tap	3.4	131 131-D	- 23-Aug-11	Kitchen Tap	0.75 0.61	131 131-D	19-Jul-13	Kitchen Tap	3.5 3.5
134	W33	134 134-D	7-Feb-08	Kitchen Tap	5.3 5.1	134 134-D	26-Feb-09	Kitchen Tap	4.9 4.8	-		NS		134 134-D	1-Aug-13	Kitchen Tap	2.3 2.4
135	Unknown			NS		135 135-D	1-Apr-11	Kitchen Tap	2.7 3.0	-		NS		135 135-D	19-Jul-13	Kitchen Tap	3.8
136	W63			NS		136 136-D	1-Apr-11	Kitchen Tap	5.8 5.9	-		NS			N	IS	
137	VV03			NS		137 137-D	1-Apr-11	Kitchen Tap	5.4 5.4			NS		137 137-D	19-Jul-13	Well Supply	6.7 5.5

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Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE
138	Unknown			NS				NS		138	11-Jan-12	Kitchen Tap	ND (0.50)		N	IS	
										138-D			ND (0.50)				
139				NS			I	NS		139 139-D	17-Aug-11	Kitchen Tap	0.69 0.63		Ν	IS	
	W65									139-D 140			0.53				
140				NS			ĺ	NS		140-D	18-Aug-11	Kitchen Tap	0.59		N	IS	
4.44	I lala sua			NO				NC				NC		141	4 4 40	Vitab an Tan	0.68
141	Unknown			NS				NS				NS		141-D	1-Aug-13	Kitchen Tap	0.71
143		143	3-Mar-08	Kitchen Tap	0.93	143	19-Feb-09	Kitchen Tap	0.98	143	18-Aug-11	Kitchen Tap	0.75		N	IS	
	W35	143-D		·	0.91	143-D		•	1	143-D	, and the second	·	0.74				
144		144	29-Feb-08	Kitchen Tap	0.97	144	19-Feb-09	Kitchen Tap	0.96	144	18-Aug-11	Kitchen Tap	0.76		Ν	IS	
		144-D 145			0.97 1.6	144-D 145			0.95 1.2	144-D 145			0.70 ND (0.50)	NS			
145	Unknown	145-D	4-Feb-08	Non-Residential Kitchen Tap	1.7	145-D	19-Feb-09	Non-Residential Kitchen Tap	1.2	145-D	21-Dec-11	Non-Residential Kitchen Tap	ND (0.50)	NS			
	Halana	150	0.0 07	Outside Tee	ND (0.50)	150	NO	NO				NO.	, ,				
150	Unknown	150-D	3-Dec-07	Outside Tap	ND (0.50)	150-D	NS	NS				NS			N	IS	
130	Unknown	150(I)	4-Feb-08	Kitchen Tap	ND (0.50)	150(I)	10-Mar-09	Kitchen Tap	ND (0.50)	-		NS			N	IS	
		150(I)-D			ND (0.50)	150(I)-D			ND (0.50)								
162	Unknown			NS			Ī	NS		165	17-Aug-11	Kitchen Tap	1.6	162	1-Aug-13	Kitchen Tap	1.6
										165-D			1.5	162-D 166A			1.5
164	Unknown			NS			I	NS			1	NS		166A-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
										166			ND (0.50)	100/12			112 (0.00)
166	Unknown			NS			l	NS		166-D	31-Aug-11	Kitchen Tap	ND (0.50)		N	IS	
208	W8	208	3-Dec-07	Kitchen Tap	ND (0.50)	208	5-Mar-09	Kitchen Tap	ND (0.50)			NS				IS.	
200	VVO	208-D	3-DCC-01	πισηση ταρ	ND (0.50)	208-D	3-Wai-03	ratorien rap	ND (0.50)			140		NS			
217	W11	217	11-Dec-07	Kitchen Tap	ND (0.50)	217	26-Feb-09	Kitchen Tap	ND (0.50)			NS					
		217-D			ND (0.50)	217-D			ND (0.50)	<u> </u>							
222	W20	222 222-D	6-Dec-07	Kitchen Tap	0.92	222 222-D	26-Feb-09	Kitchen Tap	0.93 0.85	-	I	NS		NS			
		227			ND (0.50)	227			0.9	227			1.2	227 ND			ND (0.50)
227	W31	227-D	6-Feb-08	Kitchen Tap	ND (0.50)	227-D	7-Mar-09	Kitchen Tap	0.86	227-D	18-Aug-11	Kitchen Tap	1.2	227-D	6-Aug-13	Kitchen Tap	ND (0.50)

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Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE	Sample ID	Sample Date	Sample Location	TCE
234	Unknown	234	6-Dec-07	Dairy Sink	ND (0.50)	234	19-Feb-09	Kitchen Tap	0.97	234	8-Sep-11	Kitchen Tap	ND (0.50) <sup>(3)</sup>	234	18-Jul-13	Outside Tap	ND (0.50)
254	OTIKITOWIT	234-D	0-Dec-07	Daily Silik	ND (0.50)	234-D	19-1 60-09	Michell Tap	0.96	234-D	0-3ер-11	Michell Tap	ND (0.50) <sup>(3)</sup>	234-D	10-341-13	Outside Tap	ND (0.50)
237	W34	237	22-Apr-08	Kitchen Tap	1.3	237	6-Mar-09	Kitchen Tap	1.4			NS		237	18-Jul-13	Kitchen Tap	1.5
201	VVO-1	237-D	22 / lpi 00	raterieri rap	1.2	237-D	o iviai oo	rationen rap	1.4			110		237-D	10 001 10	Tationeri Tap	1.5
239				NS		239	1-Apr-11	Kitchen Tap	1.4			NS			N	IS	
200				110		239-D	ΤΑΡΙΤΙ	raterieri rap	1.4			110			'		
240	W64			NS		240	1-Apr-11	Kitchen Tap	1.4			NS			N	IS	
240	VVO-1			110		240-D	Τηριτι	raterieri rap	1.4			110			''		
241				NS		241	1-Apr-11	Kitchen Tap	1.5			NS			N	IS	
271			'			241-D	Τηριτι	Tationen Tap	1.5	— NS					.,		
245	W35	245	29-Feb-08	Kitchen Tap	1.0	245	10-Mar-09	Kitchen Tap	1.2	245	- 18-Aug-11	Kitchen Tap	0.82	245	18-Jul-13	Kitchen Tap	0.88
210	***************************************	245-D	20 1 00 00	Tation Tap	1.0	245-D	TO Mar 00	ration rap	1.1	245-D	10 / tug 11	rationion rap	0.80	245-D	10 001 10	Tatonon rap	0.95
254	W21	254	6-Feb-08	Kitchen Tap	1.0	254	5-Mar-09	Kitchen Tap	0.94			NS			N	IS	
204	VVZ 1	254-D	0 1 05 00	raterieri rap	1.1	254-D	o ividi oo	Tationen Tap	1.1			110			''		
260	Unknown	260	5-Dec-07	Outside Tap	1.2	260	10-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
200	OTIKITOWIT	260-D	0 000 07	Outside Tup	1.1	260-D	TO WILL 03	raterieri rap	ND (0.50)	— NS					''		
266	W36	266	4-Feb-08	Outside Tap	ND (0.50)	266	6-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
200	*****	266-D	T 1 00 00	Odtolde Tup	ND (0.50)	266-D	o iviai oo	ταιοποίτ ταρ	ND (0.50)								
300	Unknown	300	25-Oct-08	Kitchen Tap	1.6	300	12-Mar-09	Kitchen Tap	1.3			NS NS					
300	OTINITOWIT	300-D	20-001-00	таконен тар	1.6	300-D	12-10101-09	Michell Tap	1.4	- NS NS							

<sup>(1)</sup> Connection to private wells based on information provided by interviewed residents

<sup>(2)</sup> This location is currently served by an alternative water supply; this sample result reflects concentrations of constituents in the alternative water supplied to the residence

<sup>(3)</sup> This location is served by water from the City of Ontario system; this sample result reflects concentrations of constituents in water supplied by the City

Table 2
Private Property Sampling Results - 1,1-Dichloroethane (1,1-DCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)		
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	
1	W26	1	24-Apr-08	Dairy Tap	ND (0.50)	1	10-Mar-09	Dairy Tap	ND (0.50)			NS			٨	IS		
		1-D			ND (0.50)	1-D			ND (0.50)									
2	Unknown	2 2-D	25-Oct-08	House Tap	ND (0.50) ND (0.50)	-	1	NS				NS			N	IS		
		3			ND (0.50)	3	<u> </u>		ND (0.50)					3			ND (0.50)	
3	W42	3-D	27-Jun-08	Kitchen Tap	ND (0.50)	3-D	19-Mar-09	Kitchen Tap	ND (0.50)			NS		3-D	17-Jul-13	Kitchen Tap	ND (0.50)	
,	14/0-	4	4.0 4.00		ND (0.50)	4	- 1.1 oo	10.1 -	ND (0.50)	4	0.1.7		ND (0.50)	4	4= 1.140	120 J =	ND (0.50)	
4	W37	4-D	4-Oct-08	Kitchen Tap	ND (0.50)	4-D	7-Mar-09	Kitchen Tap	ND (0.50)	4-D	21-Dec-11	Kitchen Tap	ND (0.50)	4-D	17-Jul-13	Kitchen Tap	ND (0.50)	
5	W38	5	4-Oct-08	Dairy Tap	ND (0.50)	5	7-Mar-09	Hose Bib	ND (0.50)			NS		5	1-Aug-13	Kitchen Tap	ND (0.50)	
3	VV30	5-D	4-00:-00	Daily Tap	ND (0.50)	5-D	7-IVIA1-03	1 1036 DID	ND (0.50)			110		5-D	1-Aug-13	Michell Tap	ND (0.50)	
6		6	4-Oct-08	Dairy Tap	ND (0.50)	6	19-Mar-09	Restroom Tap	ND (0.50)			NS		6 ND Well supply ND ND				
	W41	6-D		- 7 - 1	ND (0.50)	6-D		.,	ND (0.50)					6-D ND				
7		7 7-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	7 7-D	7-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS						
		7-0			ND (0.50)	7-0			ND (0.50)	9			ND (0.50)	NS				
9			[	NS			I	NS		9-D	29-Aug-11	Kitchen Tap	ND (0.50)		N	IS		
10	W66			NS				NS		10	- 29-Aug-11	Kitchen Tap	ND (0.50)			IS		
10	VVOO		l	NO			l	INO		10-D	29-Aug-11	Киспен тар	ND (0.50)		IN			
11				NS				NS		11	29-Aug-11	Kitchen Tap	ND (0.50)		N	IS		
					_					11-D	1 1		ND (0.50)		1			
12	W7	12	7-Feb-08	Dairy Tap	ND (0.50)	12	6-Mar-09	Dairy Tap	ND (0.50)	12	24-Aug-11	Kitchen Tap	ND (0.50)	12	6-Aug-13	Well Supply	ND (0.50)	
		12-D			ND (0.50)	12-D			ND (0.50)	12-D			ND (0.50)	12-D			ND (0.50)	
13		13 13-D	25-Oct-08	House Tap	ND (0.50) ND (0.50)		I	NS				NS			٨	IS		
		14			ND (0.50)													
14	W6	14-D	25-Oct-08	Kitchen Tap	ND (0.50)	NS NS								Ν	IS			
15		15	11-Dec-07	House Tap	ND (0.50)	0.50) 15 ND (0.50) NS NS									IS			
10		15-D	11-060-01	πουσε ταρ	ND (0.50)	ND (0.50) 15-D ND (0.50)												
17	W5	17	6-Feb-08	Kitchen Tap	ND (0.50)	17	5-Mar-09	Outside Tap	ND (0.50)			NS			N	IS		
		17-D		•	ND (0.50)	17-D			ND (0.50)									
18	Unknown	18	- 27-Jun-08	Outside Tap	ND (0.50)		1	NS				NS		NS				
		18-D			ND (0.50)		1/15											

Table 2
Private Property Sampling Results - 1,1-Dichloroethane (1,1-DCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA
19	W1	19 19-D	- 3-Dec-07	House Tap	ND (0.50) ND (0.50)	19 19-D	5-Mar-09	House Tap	ND (0.50) ND (0.50)			NS			N	S	
21	W40	21 21-D	1-May-08	Outside Tap	ND (0.50) ND (0.50)	21 21-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
28	W2	28 28-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	28 28-D	- 6-Mar-09	Kitchen Tap <sup>2</sup>	ND (0.50) ND (0.50)			NS			N	S	
30	W3	30 30-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
32	VVS	32 32-D	- 3-Dec-07	Outside Tap	ND (0.50) ND (0.50)	32 32-D	- 6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
40	Unknown			NS			ı	NS				NS		40-D  29-Jul-13 Kitchen Tap  NE  41  29-Jul-13 Well Supply			ND (0.50) ND (0.50)
41		41 41-D	- 4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	41 41-D	- 5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		41 29-Jul-13 Well Supply NI			ND (0.50) ND (0.50)
42	W4	42 42-D	- 22-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	42 42-D	- 5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		29-Jul-13 Well Supply			
43		43 43-D	22-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	43 43-D	- 5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
44	Unknown	44 44-D	- 27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	44 44-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		44 44-D	26-Jul-13	Well Supply	ND (0.50) ND (0.50)
45	Unknown	45 45-D	- 27-Sep-08	House Tap	ND (0.50) ND (0.50)	45 45-D	- 10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
46	Unknown	46 46-D	- 18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)		1	NS				NS			N	S	
48	W48	48 48-D	- 16-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	48 48-D	- 11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		48 48-D	25-Jul-13 Well Supply		
49	Unknown	49 49-D	- 25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	- 7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS			
50	W25	50 50-D	4-Feb-08	Outside Tap	ND (0.50) ND (0.50)	50 50-D	- 7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	50 50-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	⊢ NS			
51	Unknown	51 51-D	- 27-Sep-08	Outside Tap	ND (0.50) ND (0.50)	51 51-D	- 11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	51 51-D	8-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	NS			

Table 2
Private Property Sampling Results - 1,1-Dichloroethane (1,1-DCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA
52	W22	52 52-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	52 52-D	11-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	S	
		53 53-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
53		53 53-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
54	W24	54 54-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	54 54-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
55		55 55-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	55 55-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
56		56 56-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	56 56-D	- 10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		56         25-Jul-13         Outside Tap         ND           NS         NS			
57	Unknown	57 57-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	57 57-D	- 11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS ND			
59	W59	59 59-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	59 59-D	- 7-Mar-09	Outside Tap	ND (0.50) ND (0.50)	59 59-D	- 12-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	59 25-Jul-13 Well Supply			ND (0.50) ND (0.50)
61	Unknown	61 61-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	61 61-D	- 11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
62	W62	62 62-D	1-May-08	Barn Tap	ND (0.50) ND (0.50)	62 62-D	- 11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
63	W126			NS				NS				NS		63 63-D	29-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
64	VV 120			NS				NS				NS		64 64-D	29-Jul-13	Non- Residential Kitchen Tap	ND (0.50) ND (0.50)
65	Unknown	65 65-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	65 65-D	- 7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
66	Unknown			NS		66 66-D	8-Oct-09	Kitchen Tap	ND(0.50) ND(0.50)	66 66-D	- 17-Aug-11	Kitchen Tap	ND(0.50) ND(0.50)	NS			
67	Unknown	67 67-D	1-Jul-08	Bathroom Tap	ND (0.50) ND (0.50)	67 67-D	11-Mar-09	Bathroom Tap	ND (0.50) ND (0.50)			NS		NS			
68	Unknown			NS				NS		68 68-D	- 12-Sep-11	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	- NS			

Table 2
Private Property Sampling Results - 1,1-Dichloroethane (1,1-DCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA
69	Unknown			NS			Ī	NS		69 69-D	8-Sep-11	Non-Residential Kitchen Tap	ND (0.50) <sup>6</sup> ND (0.50) <sup>6</sup>		N	IS	
72	W// 2	72 72-D	- 1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	72 72-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	-		NS		72 72-D	29-Jul-13	Well Supply	ND (0.50) ND (0.50)
73	W12	73 73-D	- 4-Oct-08	House Tap	ND (0.50) ND (0.50)	73 73-D	12-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	IS	
74		74 74-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	74 74-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	IS	
75	W14	75 75-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	75 75-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS	
76	VV 14	76 76-D	- 25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	76 76-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		18-Jul-13 Outside Tap			
77		77 77-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	77 77-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS		77-D 18-Jul-13 Outside Tap ND			ND (0.50) ND (0.50)
78	W27	78 78-D	- 4-Oct-08	Outside Tap	ND (0.50) ND (0.50)	78 78-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	78 78-D	12-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)		18-Jul-13 Outside Tap		
79	VVZI	79 79-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	79 79-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS	
81	Unknown	81 81-D	- 18-Apr-08	Outside Tap	ND (0.50) ND (0.50)	81 81-D	12-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	IS	
84	W13	84 84-D	- 24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	84 84-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		84 84-D	18-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
86	W28	86 86-D	- 4-Oct-08	House Tap	ND (0.50) ND (0.50)	86 86-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	86 86-D	17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	86 86-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
95	W29	95 95-D	- 4-Feb-08	Dairy Tap	ND (0.50) ND (0.50)	95 95-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS	
96	Unknown	96 96-D	- 4-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	96 96-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		1-Aug-13 Kitchen Tap			ND (0.50) ND (0.50)
98	W124			NS			1	NS		98 98-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	- NS			
99	VV 147			NS			1	NS		99 99-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	NS			

Table 2
Private Property Sampling Results - 1,1-Dichloroethane (1,1-DCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA
101	W125			NS			1	NS				NS		101 101-D	18-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
102		102 102-D	4-Dec-08	Kitchen Tap	ND (0.50) ND (0.50)	102 102-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	IS	
102		102 102-D	17-Dec-08	Kitchen Tap (RO)	ND (0.50) ND (0.50)		ı	NS				NS			N	IS	
104	W15	104 104-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS				NS			N	IS	
105		17-Dec-08 Kitchen Tap (RO)				105 105-D	12-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	IS	
100			17-Dec-08	Kitchen Tap (RO)	ND (0.50) ND (0.50)		I	NS				NS			N	S	
106	Unknown	105-D ND (0				106 106-D	1-Oct-09	Outside Tap	ND (0.50) ND (0.50)	106 106-D	- 8-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	106 106-D	19-Jul-13	Well Supply	ND (0.50) ND (0.50)
107	Unknown	107 107-D	5-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	107 107-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		107 107-D	19-Jul-13	Non- Residential Kitchen Tap	ND (0.50) ND (0.50)
108	Unknown	108 108-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	108 108-D	5-Mar-09	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)			NS			N	IS	
109	Unknown			NS		109 109-D	5-Jan-10	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)			NS			N	IS	
111	Unknown			NS			1	NS		111 111-D	27-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	111 111-D	6-Aug-13	Well Supply	ND (0.50) ND (0.50)
112	Unknown	NS					1	NS		112 112-D	18-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	112 112-D	13-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
113	W16	113 113-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	113 113-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	0.50) 113-D 17-Aug-11 Kitchen Tap ND (				113 113-D	13-Aug-13	Barn Tap	ND (0.50) ND (0.50)
114	W10	114 114-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	114 114-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	NS NS					N	IS	
115	**10	115 7-Feb-08 Kitchen Tap ND (0.50) 115 6-Mar-09 Kitchen Tap						ND (0.50) ND (0.50)			NS			N	IS		

Table 2
Private Property Sampling Results - 1,1-Dichloroethane (1,1-DCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA
440	14/0	116 116-D	15-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	116 116-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS			N	S	
116	W9			NS		116-W 116-WD	6-Mar-09	Drinking Water Tap	ND (0.50) ND (0.50)			NS			N	S	
117	W39	117 117-D	24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	117 117-D	- 19-Mar-09	House Tap	ND (0.50) ND (0.50)			NS			N	S	
118	W18	118 118-D	24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	118 118-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		118 118-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
119		119 119-D	3-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	- 5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	- 17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
121	W17	121 121-D	21-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	121 121-D	- 5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
122		122 122-D	21-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	122 122-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS			N	S	
127	W19	127 127-D	16-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	127 127-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		127 127-D	17-Jul-13	Well Supply	ND (0.50) ND (0.50)
128	W32	128 128-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	18-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	- 6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
129	Unknown			NS			ı	NS				NS		129 129-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
130	Unknown			NS			I	NS		130 130-D	1-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	130 130-D	- 19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
131	W30	131 131-D	24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	23-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
134	W33	131-D ND (0.5 134 134-D 7-Feb-08 Kitchen Tap ND (0.5 ND (0.5				134 134-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		134 134-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
135	Unknown			NS		135 135-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)	-		NS		135 135-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
136	Wes			NS		136 136-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)	-		NS			N	S	
137	W63			NS		137 137-D	- 1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)		I	NS		137 137-D	- 19-Jul-13	Well Supply	ND (0.50) ND (0.50)

Table 2
Private Property Sampling Results - 1,1-Dichloroethane (1,1-DCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA
138	Unknown			NS				NS		138 138-D	11-Jan-12	Kitchen Tap	ND (0.50) ND (0.50)		N	IS	
139				NS				NS		139 139-D	17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	IS	
140	W65			NS				NS		140 140-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	IS	
141	Unknown			NS				NS				NS		141 141-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
143		143 143-D	3-Mar-08	Kitchen Tap	ND (0.50) ND (0.50)	143 143-D	19-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	143 143-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	IS	
144	W35	144 144-D	29-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	144 144-D	19-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	144 144-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	IS	
145	Unknown	145 145-D	4-Feb-08	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	145 145-D	19-Feb-09	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	145 145-D	21-Dec-11	Office Kitchen Tap	ND (0.50) ND (0.50)	- NS			
450	Unknown	150 150-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)	NS 150-D	NS	NS	NS		I	NS		NS NS			
150	Unknown	150(I) 150(I)-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	150(I) 150(I)-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS			N	IS	
162	Unknown			NS				NS		165 165-D	17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	162 162-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
164	Unknown			NS				NS			I	NS		166A 166A-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
166	Unknown			NS				NS		166 166-D	31-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	IS	
208	W8	208 208-D	3-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	208 208-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS		NS			
217	W11	217 217-D	11-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	217 217-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS		NS			
222	W20	222 222-D	6-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	222 222-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS		NS			
227	W31	227 227-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)

Table 2
Private Property Sampling Results - 1,1-Dichloroethane (1,1-DCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA	Sample ID	Sample Date	Sample Location	1,1-DCA
234	Unknown	234	6-Dec-07	Dairy Sink	ND (0.50)	234	19-Feb-09	Kitchen Tap⁴	ND (0.50)	234	8-Sep-11	Kitchen Tap	ND (0.50) <sup>6</sup>	234	18-Jul-13	Outside Tap	ND (0.50)
204	OTIKTOWIT	234-D	0-Dec-07	Daily Silik	ND (0.50)	234-D	19-1 60-09	киспен тар	ND (0.50)	234-D	0-Зер-11	Kitchen Tap	ND (0.50) <sup>6</sup>	234-D	10-341-13	Outside Tap	ND (0.50)
237	W34	237	22-Apr-08	Kitchen Tap	ND (0.50)	237	6-Mar-09	Kitchen Tap	ND (0.50)			NS		237	- 18-Jul-13	Kitchen Tap	ND (0.50)
201	WOT	237-D	22 / Ipi 00	Tation on Tap	ND (0.50)	237-D	o Mai oo	Tation rap	ND (0.50)					237-D	10 001 10	Tatorion Tap	ND (0.50)
239				NS		239	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
200			·			239-D	17.011	ration rap	ND (0.50)								
240	W64			NS		240	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
210			·			240-D	17.011	ration rap	ND (0.50)								
241				NS		241	1-Apr-11	Kitchen Tap	ND (0.50)	NS					N	IS	
211						241-D	17.011	- monon rap	ND (0.50)	NS							
245	W35	245	29-Feb-08	Kitchen Tap	ND (0.50)	245	10-Mar-09	Kitchen Tap	ND (0.50)	245	18-Aug-11	Kitchen Tap	ND (0.50)	245	18-Jul-13	Kitchen Tap	ND (0.50)
		245-D		- шенен нар	ND (0.50)	245-D		о с.р	ND (0.50)	245-D	.07.09	т шетет тар	ND (0.50)	245-D		· ····o··· · · · · · · · · · · · · · ·	ND (0.50)
254	W21	254	6-Feb-08	Kitchen Tap	ND (0.50)	254	5-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
		254-D	0.000		ND (0.50)	254-D	0 mai 00	- шенен нар	ND (0.50)								
260	Unknown	260	5-Dec-07	Outside Tap	ND (0.50)	260	10-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
200	O'III.II	260-D	0 200 01	Culcius Tup	ND (0.50)	260-D	To Mar 00	ration rap	ND (0.50)	50) NS							
266	W36	266	4-Feb-08	Outside Tap	ND (0.50)	266	6-Mar-09	Kitchen Tap	ND (0.50)	— NS					N	IS	
200		266-D	110000		ND (0.50)	266-D	3 11101 00	. storion rap	ND (0.50)	(0.50)						. •	
300	Unknown	300	25-Oct-08	Kitchen Tap	ND (0.50)	300	12-Mar-09	Kitchen Tap	ND (0.50)	NS NS							
000	Jimilowii	300-D	20 00: 00	. atonom rap	ND (0.50)	300-D	12 Iviai 00	. atonom rap	ND (0.50)	NS NS					,		

- 1 Connection to private wells based on information provided by interviewed residents.
- 2 Data Qualified on the Laboratory Analytical Report for 28-D: Sample Contained Headspace
- 3 Data Qualified on the Laboratory Analytical Report for 108-D: Sample as received was not preserved in accordance with the analytical method, pH=6
- 4 Data Qualified on the Laboratory Analytical Report: Lab QC samples were out of range, however there were no detections in the compounds qualified
- 5 This location is currently served by an alternative water supply; this sample result reflects concentrations of constituents in the alternative water supplied to the residence
- 6 This location is served by water from the City of Ontario system; this sample result reflects concentrations of constituents in water supplied

Table 3
Private Property Sampling Results - 1,2-Dichloroethane (1,2-DCA)
Ontario, California

	Drivete Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)		
Location ID	Private Well ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	
1	W26	1 1-D	24-Apr-08	Dairy Tap	ND (0.50) ND (0.50)	1 1-D	10-Mar-09	Dairy Tap	ND (0.50) ND (0.50)		1	NS			N	S		
2	Unknown	2 2-D	25-Oct-08	House Tap	ND (0.50) ND (0.50)		1	NS			1	NS			N	S		
3	W42	3 3-D	27-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	3 3-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS		3 3-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)	
4	W37	4 4-D	4-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	21-Dec-11	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)	
5	W38	5 5-D	4-Oct-08	Dairy Tap	ND (0.50) ND (0.50)	5 5-D	7-Mar-09	Hose Bib	ND (0.50) ND (0.50)		1	NS	112 (0.00)	5 5-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)	
6		6 6-D	4-Oct-08	Dairy Tap	ND (0.50) ND (0.50)	6 6-D	19-Mar-09	Restroom Tap	ND (0.50) ND (0.50)		1	NS		6	6 17-Jul-13 Well supply ND ND			
7	W41	7 7-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	7 7-D	7-Mar-09	Outside Tap	ND (0.50) ND (0.50)		1	NS			6-D NS			
9				NS			1	NS		9 9-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S		
10	W66			NS			1	NS		10 10-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S		
11				NS			1	NS		11 11-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S		
12	W7	12 12-D	7-Feb-08	Dairy Tap	ND (0.50) ND (0.50)	12 12-D	6-Mar-09	Dairy Tap	ND (0.50) ND (0.50)	12 12-D	- 24-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	12 12-D	6-Aug-13	Well Supply	ND (0.50) ND (0.50)	
13		13 13-D	25-Oct-08	House Tap	ND (0.50) ND (0.50)		1	NS			1	NS			N	S		
14	W6	14 14-D	25-Oct-08	Kitchen Tap	ND (0.50)							S						
15		15 15-D	11-Dec-07	House Tap	ND (0.50)         15         5-Mar-09         Kitchen Tap         ND (0.50)         NS           ND (0.50)         15-D         Kitchen Tap         ND (0.50)							S						
17	W5	17 17-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	17 17-D	5-Mar-09	Outside Tap	ND (0.50) ND (0.50)		1	NS		NS				
18	Unknown	18 18-D	27-Jun-08	Outside Tap	ND (0.50) ND (0.50)		1	NS			1	NS		NS				

Table 3
Private Property Sampling Results - 1,2-Dichloroethane (1,2-DCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA
19	W1	19 19-D	3-Dec-07	House Tap	ND (0.50) ND (0.50)	19 19-D	5-Mar-09	House Tap	ND (0.50) ND (0.50)		ı	NS			N	S	
21	W40	21 21-D	1-May-08	Outside Tap	ND (0.50) ND (0.50)	21 21-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
28	W2	28 28-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	28 28-D	6-Mar-09	Kitchen Tap <sup>2</sup>	ND (0.50) ND (0.50)			NS			N	S	
30	W3	30 30-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)		1	NS			ا	NS			N	S	
32	WS	32 32-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)	32 32-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
40	Unknown			NS			1	NS				NS		40-D 29-Jul-13 Kitchen Tap ND ND 29-Jul-13 Well Supply			ND (0.50) ND (0.50)
41		41 41-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	41 41-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		l	NS		41 29-Jul-13 Well Supply ND ND			ND (0.50) ND (0.50)
42	W4	42 42-D	22-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	42 42-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		29-Jul-13 Well Supply			
43		43 43-D	22-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	43 43-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS			N	S	
44	Unknown	44 44-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	44 44-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)					44 44-D	26-Jul-13	Well Supply	ND (0.50) ND (0.50)
45	Unknown	45 45-D	27-Sep-08	House Tap	ND (0.50) ND (0.50)	45 45-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		l	NS			N	S	
46	Unknown	46 46-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)		1	NS				NS			N	S	
48	W48	48 48-D	16-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	48 48-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		25-Jul-13 Well Supply			ND (0.50) ND (0.50)
49	Unknown	49 49-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS NS			
50	W25	50 50-D	4-Feb-08	Outside Tap	ND (0.50) ND (0.50)	50 50-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	50 50-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	– NS			
51	Unknown	51 51-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)	51 51-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	51 51-D	8-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	- NS			

Table 3
Private Property Sampling Results - 1,2-Dichloroethane (1,2-DCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA
52	W22	52 52-D	27-Sep-08	Kitchen Tap	ND (0.50) 0.51	52 52-D	- 11-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	S	
		53 53-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)	-		NS				NS			N	S	
53		53 53-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
54	W24	54 54-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	54 54-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
55		55 55-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	55 55-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
56		56 56-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	56 56-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		25-Jul-13 Outside Tap			ND (0.50) ND (0.50)
57	Unknown	57 57-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	57 57-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS			
59	W59	59 59-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	59 59-D	7-Mar-09	Outside Tap	ND (0.50) ND (0.50)	59 59-D	- 12-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	59 25-Jul-13 Well Supply			ND (0.50) ND (0.50)
61	Unknown	61 61-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	61 61-D	- 11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
62	W62	62 62-D	1-May-08	Barn Tap	ND (0.50) ND (0.50)	62 62-D	- 11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
63	W400			NS				NS				NS		63 63-D	29-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
64	W126			NS				NS				NS		64 64-D	29-Jul-13	Non- Residential Kitchen Tap	ND (0.50) ND (0.50)
65	Unknown	65 65-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	65 65-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
66	Unknown			NS		66 66-D	8-Oct-09	Kitchen Tap	ND(0.50) ND(0.50)	66 66-D	- 17-Aug-11	Kitchen Tap	ND(0.50) ND(0.50)		N	S	
67	Unknown	67 67-D	1-Jul-08	Bathroom Tap	ND (0.50) ND (0.50)	67 67-D	11-Mar-09	Bathroom Tap	ND (0.50) ND (0.50)			NS			N	S	
68	Unknown			NS				NS		68 68-D	- 12-Sep-11	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)		N	S	

Table 3
Private Property Sampling Results - 1,2-Dichloroethane (1,2-DCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)		
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	
69	Unknown		I	NS			1	NS		69 69-D	8-Sep-11	Non-Residential Kitchen Tap	ND (0.50) <sup>6</sup> ND (0.50) <sup>6</sup>		N	S		
72	VM/4.0	72 72-D	- 1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	72 72-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		72 72-D	29-Jul-13	Well Supply	ND (0.50) ND (0.50)	
73	W12	73 73-D	- 4-Oct-08	House Tap	ND (0.50) ND (0.50)	73 73-D	12-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	S		
74		74 74-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	74 74-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	S		
75	10/4.4	75 75-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	75 75-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S		
76	W14	76 76-D	- 25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	76 76-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS  77  18-Jul-13 Outside Tap				
77		77 77-D	- 25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	77 77-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS		77-D 18-Jul-13 Outside Tap ND			ND (0.50) ND (0.50)	
78	W07	78 78-D	4-Oct-08	Outside Tap	ND (0.50) ND (0.50)	78 78-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	78 78-D	12-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)		18-Jul-13 Outside Tap			
79	W27	79 79-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	79 79-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S		
81	Unknown	81 81-D	- 18-Apr-08	Outside Tap	ND (0.50) ND (0.50)	81 81-D	12-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	S		
84	W13	84 84-D	- 24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	84 84-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		84 84-D	18-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)	
86	W28	86 86-D	4-Oct-08	House Tap	ND (0.50) ND (0.50)	86 86-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	86 86-D	17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	86 86-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)	
95	W29	95 95-D	4-Feb-08	Dairy Tap	ND (0.50) ND (0.50)	95 95-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S		
96	Unknown	96 96-D	4-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	96 96-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		96 96-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)	
98	W124		NS				1	NS		98 98-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S		
99	VV 124			NS			1	NS		99 99-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S		

Table 3
Private Property Sampling Results - 1,2-Dichloroethane (1,2-DCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA
101	W125			NS			ſ	NS			İ	NS		101 101-D	18-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
		102 102-D	4-Dec-08	Kitchen Tap	ND (0.50)	102 102-D	19-Mar-09	Outside Tap	ND (0.50)		1	NS			N	S	
102		102-D			ND (0.50) ND (0.50)	102-D			ND (0.50)								
		102-D	17-Dec-08	Kitchen Tap (RO)	ND (0.50)		ı	NS			I	NS			N	S	
104	W15	104	25-Jun-08	Kitchen Tap	ND (0.50)	-	1	NS				NS			N	S	
		104-D			ND (0.50)	105			ND (0.50)								
405		105 105-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	105 105-D	12-Mar-09	Outside Tap	ND (0.50) ND (0.50)		I	NS			N	S	
105		105 105-D	17-Dec-08	Kitchen Tap (RO)	ND (0.50)		ı	NS				NS		NS NS			
106	Unknown	105-D		NS	ND (0.50)	106 106-D	1-Oct-09	Outside Tap	ND (0.50) ND (0.50)	106 106-D	8-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup>	106 106-D	19-Jul-13	Well Supply	ND (0.50) ND (0.50)
107	Unknown	107 107-D	5-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	107 107-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		107 107-D	19-Jul-13	Non- Residential Kitchen Tap	ND (0.50) ND (0.50)
108	Unknown	108 108-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	108 108-D	5-Mar-09	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)			NS			N	S	
109	Unknown		<u> </u>	NS		109 109-D	5-Jan-10	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)		1	NS			N	S	
111	Unknown			NS			ľ	NS		111 111-D	27-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	111 111-D	6-Aug-13	Well Supply	ND (0.50) ND (0.50)
112	Unknown			NS			1	NS		111-D NI  112  112-D 18-Oct-11 Kitchen Tap NI  NI  NI  NI  NI  NI  NI  NI  NI  NI				112 112-D	13-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
113	W16	113 113-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	113 113-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	(0.50) 113 ND 17-Aug-11 Kitchen Tap				113 113-D	13-Aug-13	Barn Tap	ND (0.50) ND (0.50)
114		114 114-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	114 114-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	NS NS							
115	W10	115 115-D	7-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	115 115-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS			

Table 3
Private Property Sampling Results - 1,2-Dichloroethane (1,2-DCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA
		116 116-D	15-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	116 116-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS	_		N	IS	
116	W9					116-W 116-WD	6-Mar-09	Drinking Water Tap	ND (0.50) ND (0.50)			NS			N	IS	
117	W39	117 117-D	24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	117 117-D	19-Mar-09	House Tap	ND (0.50) ND (0.50)		I	NS			N	IS	
118	W18	118 118-D	24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	118 118-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS		118 118-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
119		119 119-D	3-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	- 22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
121	W17	121 121-D	21-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	121 121-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS	
122		122 122-D	21-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	122 122-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS			N	IS	
127	W19	127 127-D	16-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	127 127-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS		127 127-D	17-Jul-13	Well Supply	ND (0.50) ND (0.50)
128	W32	128 128-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	- 18-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
129	Unknown			NS			ı	NS				NS		129 129-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
130	Unknown			NS			İ	NS		130 130-D	- 1-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	130 130-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
131	W30	131 131-D	24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	- 23-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
134	W33	134 134-D	7-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	134 134-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		134 134-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
135	Unknown			NS		135 135-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS		135 135-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
136	Mca			NS		136 136-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS			N	IS	
137	W63			NS		137 137-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)		I	NS		137 137-D	19-Jul-13	Well Supply	ND (0.50) ND (0.50)

Table 3
Private Property Sampling Results - 1,2-Dichloroethane (1,2-DCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA
138	Unknown			NS				NS		138	11-Jan-12	Kitchen Tap	ND (0.50)		N	IS	
										138-D			ND (0.50)				
139				NS						139	17-Aug-11	Kitchen Tap	ND (0.50)		N	IS	
	W65									139-D			ND (0.50)				
140				NS				NS		140 140-D	18-Aug-11	Kitchen Tap	ND (0.50)		N	IS	
										140-D			ND (0.50)	141			ND (0.50)
141	Unknown			NS				NS			1	NS		141-D	1-Aug-13	Kitchen Tap	ND (0.50)
		143			ND (0.50)	143			ND (0.50)	143			ND (0.50)				(0.00)
143		143-D	3-Mar-08	Kitchen Tap	ND (0.50)	143-D	19-Feb-09	Kitchen Tap	ND (0.50)	143-D	18-Aug-11	Kitchen Tap	ND (0.50)		Ν	IS	
444	W35	144	00 5 1 00	120 L T	ND (0.50)	144	40.5.1.00	10: 1 T	ND (0.50)	144	40.0.44	120 L T	ND (0.50)			10	
144		144-D	29-Feb-08	Kitchen Tap	ND (0.50)	144-D	19-Feb-09	Kitchen Tap	ND (0.50)	144-D	18-Aug-11	Kitchen Tap	ND (0.50)		N	IS	
145	Unknown	145	4-Feb-08	Non-Residential	ND (0.50)	145	19-Feb-09	Non-Residential	ND (0.50)	145	21-Dec-11	Office Kitchen	ND (0.50)				
145	OTIKITOWIT	145-D	4-1 <del>CD-00</del>	Kitchen Tap	ND (0.50)	145-D	19-1 60-09	Kitchen Tap	ND (0.50)	145-D	21-060-11	Tap	ND (0.50)				
	Unknown	150	3-Dec-07	Outside Tap	ND (0.50)			NS			ı	NS			N	IS	
150		150-D			ND (0.50)			· · ·									
	Unknown	150(I)	4-Feb-08	Kitchen Tap	ND (0.50)	150(I)	10-Mar-09	Kitchen Tap	ND (0.50)		1	NS			Ν	IS	
		150(I)-D			ND (0.50)	150(I)-D		·	ND (0.50)		<u> </u>						
162	Unknown			NS				NS		165	17-Aug-11	Kitchen Tap	ND (0.50)	162	1-Aug-13	Kitchen Tap	ND (0.50)
										165-D			ND (0.50)	162-D			ND (0.50)
164	Unknown			NS				NS			1	NS		166A 166A-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
										166			ND (0.50)	100A-D			ND (0.30)
166	Unknown			NS				NS		166-D	31-Aug-11	Kitchen Tap	ND (0.50)		Ν	IS	
		208			ND (0.50)	208			ND (0.50)		<u> </u>		,				
208	W8	208-D	3-Dec-07	Kitchen Tap	ND (0.50)	208-D	5-Mar-09	Kitchen Tap	ND (0.50)			NS	NS				
0.47	N/4.4	217	44.5. 07	120 L T	ND (0.50)	D (0.50) 217 26-Feb-09 Kitchen Tap ND (0.50) NS								10			
217	W11	217-D	11-Dec-07	Kitchen Tap	ND (0.50)	217-D	26-Feb-09	Kitchen Tap	ND (0.50)			NS			N	IS	
222	W20	222	6-Dec-07	Kitchen Tap	ND (0.50)	222	26-Feb-09	Kitchen Tap	ND (0.50)			NS		NS			
222	VVZU	222-D	0-060-07	тиспен гар	ND (0.50)	222-D	20-1 60-09	тиспен тар	ND (0.50)			NO					
227	W31	227	6-Feb-08	Kitchen Tap	ND (0.50)	227	7-Mar-09	Kitchen Tap	ND (0.50)	227	18-Aug-11	Kitchen Tap	ND (0.50)	227	6-Aug-13	Kitchen Tap	ND (0.50)
<u> </u>	*****	227-D	0 1 00 00	ratorion rap	ND (0.50)	227-D	7 10101 00	ταιοποίτ ταρ	ND (0.50)	227-D	10 / lug 11	ταιοποπ ταρ	ND (0.50)	227-D	0 / lug 10	Tatorion Tap	ND (0.50)

Table 3
Private Property Sampling Results - 1,2-Dichloroethane (1,2-DCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA	Sample ID	Sample Date	Sample Location	1,2-DCA
234	Unknown	234	6-Dec-07	Dairy Sink	ND (0.50)	234	19-Feb-09	Kitchen Tap <sup>4</sup>	ND (0.50)	234	8-Sep-11	Kitchen Tap	ND (0.50) <sup>6</sup>	234	18-Jul-13	Outside Tap	ND (0.50)
204	OTIKTOWIT	234-D	0-Dec-07	Daily Silik	ND (0.50)	234-D	19-1 60-09	Киспен тар	ND (0.50)	234-D	0-3ер-11	Michell Tap	ND (0.50) <sup>6</sup>	234-D	10-341-13	Outside Tap	ND (0.50)
237	W34	237	22-Apr-08	Kitchen Tap	ND (0.50)	237	6-Mar-09	Kitchen Tap	ND (0.50)			NS		237	18-Jul-13	Kitchen Tap	ND (0.50)
201	WOT	237-D	22 / tp1 00	Tation Tap	ND (0.50)	237-D	o Mai oo	Tationon rap	ND (0.50)					237-D	10 001 10	Tationon rap	ND (0.50)
239				NS		239	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
200						239-D	17.011	Tation rap	ND (0.50)						•		
240	W64			NS		240	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
210	,,,,					240-D	17.011	- monon rap	ND (0.50)								
241		NS 241 1-Ap					1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
211						241-D	17.011	- monon rap	ND (0.50)								
245	W35	245	29-Feb-08	Kitchen Tap	ND (0.50)	245	10-Mar-09	Kitchen Tap	ND (0.50)	245	18-Aug-11	Kitchen Tap	ND (0.50)	245	18-Jul-13	Kitchen Tap	ND (0.50)
		245-D	20 1 00 00		ND (0.50)	245-D	10 mai 00	- шенен нар	ND (0.50)	245-D		т шеттег	ND (0.50)	245-D	10 00. 10	· monon · ap	ND (0.50)
254	W21	254	6-Feb-08	Kitchen Tap	ND (0.50)	254	5-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
		254-D	0 . 0.0	. шенен нар	ND (0.50)	254-D	0 mai 00	- шенен нар	ND (0.50)								
260	Unknown	260	5-Dec-07	Outside Tap	ND (0.50)	260	10-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
200	O I II I I I I I I I I I I I I I I I I	260-D	0 200 01		ND (0.50)	260-D	To Mai oo	- monon rap	ND (0.50)	—∕ NS							
266	W36	266	4-Feb-08	Outside Tap	ND (0.50)	266	6-Mar-09	Kitchen Tap	ND (0.50)	NS NS					N	IS	
200		266-D		24.0.40	ND (0.50)	266-D	3 111.0.7	. storion rap	ND (0.50)						.,	. •	
300	Unknown	300	25-Oct-08	Kitchen Tap	ND (0.50)	300	12-Mar-09	Kitchen Tap	ND (0.50)	NS NS							
300	O.I.I.IOWII	300-D	20 000 00	raterion rap	ND (0.50)	300-D	12 1.1.01	Tatolion Tap	ND (0.50)	NS NS					''	. •	

- 1 Connection to private wells based on information provided by interviewed residents.
- 2 Data Qualified on the Laboratory Analytical Report for 28-D: Sample Contained Headspace
- 3 Data Qualified on the Laboratory Analytical Report for 108-D: Sample as received was not preserved in accordance with the analytical method, pH=6
- 4 Data Qualified on the Laboratory Analytical Report: Lab QC samples were out of range, however there were no detections in the compounds qualified
- 5 This location is currently served by an alternative water supply; this sample result reflects concentrations of constituents in the alternative water supplied to the residence
- 6 This location is served by water from the City of Ontario system; this sample result reflects concentrations of constituents in water supplied

Table 4
Private Property Sampling Results - 1,1-Dichloroethene (1,1-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE
1	W26	1 1-D	24-Apr-08	Dairy Tap	ND (0.50) ND (0.50)	1 1-D	10-Mar-09	Dairy Tap	ND (0.50) ND (0.50)		,	NS			N	IS	
2	Unknown	2 2-D	25-Oct-08	House Tap	ND (0.50) ND (0.50)			NS			ı	NS			N	IS	
3	W42	3 3-D	27-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	3 3-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS		3 3-D	- 17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
4	W37	4 4-D	4-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	- 21-Dec-11	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	- 17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
5	W38	5 5-D	4-Oct-08	Dairy Tap	ND (0.50) ND (0.50)	5 5-D	7-Mar-09	Hose Bib	ND (0.50) ND (0.50)		I	NS		5 5-D	- 1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
6	W41	6 6-D	4-Oct-08	Dairy Tap	ND (0.50) ND (0.50)	6 6-D	19-Mar-09	Restroom Tap	ND (0.50) ND (0.50)		ı	NS		6 17-Jul-13 Well supply NI			
7	VV41	7 7-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	7 7-D	7-Mar-09	Outside Tap   ND (0.50)   NS   NS   NS   NS						IS			
9				NS			ı	NS		9 9-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	IS	
10	W66			NS			İ	NS		10 10-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	IS	
11				NS			l	NS		11 11-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	IS	
12	W7	12 12-D	7-Feb-08	Dairy Tap	ND (0.50) ND (0.50)	12 12-D	6-Mar-09	Dairy Tap	ND (0.50) ND (0.50)	12 12-D	- 24-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	12 12-D	- 6-Aug-13	Well Supply	ND (0.50) ND (0.50)
13		13 13-D	25-Oct-08	House Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
14	W6	14 14-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	ND (0.50) ND (0.50) NS					I	NS			N	IS	
15		15 15-D	11-Dec-07	House Tap	ND (0.50) ND (0.50)	15 15-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS			N	IS	
17	W5	17 17-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	17 17-D	5-Mar-09	Outside Tap	ND (0.50) ND (0.50)		-	NS			N	IS	
18	Unknown	18 18-D	27-Jun-08	Outside Tap	ND (0.50) ND (0.50)			NS				NS			N	IS	

Table 4
Private Property Sampling Results - 1,1-Dichloroethene (1,1-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE
19	W1	19 19-D	3-Dec-07	House Tap	ND (0.50) ND (0.50)	19 19-D	- 5-Mar-09	House Tap	ND (0.50) ND (0.50)		ı	NS			N	S	
21	W40	21 21-D	1-May-08	Outside Tap	ND (0.50) ND (0.50)	21 21-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS			N	S	
28	W2	28 28-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	28 28-D	6-Mar-09	Kitchen Tap <sup>2</sup>	ND (0.50) ND (0.50)			NS			N	S	
30	Mo	30 30-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)			30				NS			N	S	
32	W3	32 32-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)	32 32-D	- 6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS			N	S	
40	Unknown			NS			ļ	NS			ļ	NS		40-D  29-Jul-13  Kitchen Tap  NI  41  29-Jul-13  Well Supply			ND (0.50) ND (0.50)
41		41 41-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	41 41-D	- 5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		J	NS		41 41-D	29-Jul-13	Well Supply	ND (0.50) ND (0.50)
42	W4	42 42-D	22-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	42 42-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
43		43 43-D	22-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	43 43-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ļ	NS			N	S	
44	Unknown	44 44-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	44 44-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ļ	NS		44 44-D	26-Jul-13	Well Supply	ND (0.50) ND (0.50)
45	Unknown	45 45-D	27-Sep-08	House Tap	ND (0.50) ND (0.50)	45 45-D	- 10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS			N	S	
46	Unknown	46 46-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)		İ	NS			ĺ	NS			N	S	
48	W48	48 48-D	16-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	48 48-D	- 11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ا	NS		48 48-D	25-Jul-13	Well Supply	ND (0.50) ND (0.50)
49	Unknown	49 49-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	- 7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	- NS			
50	W25	50 50-D	4-Feb-08	Outside Tap	ND (0.50) ND (0.50)	50 50-D	- 7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	50 50-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	− NS			
51	Unknown	51 51-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)	51 51-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	51 51-D	8-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	NS			

Table 4
Private Property Sampling Results - 1,1-Dichloroethene (1,1-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE
52	W22	52 52-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	52 52-D	11-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	S	
		53 53-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
53		53 53-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
54	W24	54 54-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	54 54-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
55		55 55-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	55 55-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
56		56 56-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	56 56-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		56         25-Jul-13         Outside Tap         ND           NS         NS			
57	Unknown	57 57-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	57 57-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS			
59	W59	59 59-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	59 59-D	7-Mar-09	Outside Tap	ND (0.50) ND (0.50)	59 59-D	- 12-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	59 25-Jul-13 Well Supply			ND (0.50) ND (0.50)
61	Unknown	61 61-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	61 61-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
62	W62	62 62-D	1-May-08	Barn Tap	ND (0.50) ND (0.50)	62 62-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
63	W126			NS				NS				NS		63 63-D	29-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
64	VV 120			NS				NS				NS		64 64-D	29-Jul-13	Non- Residential Kitchen Tap	ND (0.50) ND (0.50)
65	Unknown	65 65-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	65 65-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
66	Unknown	NS				66 66-D	8-Oct-09	Kitchen Tap	ND(0.50) ND(0.50)	66 66-D	- 17-Aug-11	Kitchen Tap	ND(0.50) ND(0.50)		N	S	
67	Unknown	67 67-D	1-Jul-08	Bathroom Tap	ND (0.50) ND (0.50)	67 67-D	11-Mar-09	Bathroom Tap	ND (0.50) ND (0.50)			NS			N	S	
68	Unknown	<u> </u>						NS		68 68-D	- 12-Sep-11	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)		N	S	

Table 4
Private Property Sampling Results - 1,1-Dichloroethene (1,1-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE
69	Unknown			NS			1	NS		69 69-D	8-Sep-11	Non-Residential Kitchen Tap	ND (0.50) <sup>6</sup> ND (0.50) <sup>6</sup>		N	S	
72		72 72-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	72 72-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS	, ,	72 72-D	29-Jul-13	Well Supply	ND (0.50) ND (0.50)
73	W12	73 73-D	4-Oct-08	House Tap	ND (0.50) ND (0.50)	73 73-D	12-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	S	
74		74 74-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	74 74-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	S	
75	10/4	75 75-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	75 75-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
76	W14	76 76-D	- 25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	76 76-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	-		NS		18-Jul-13 Outside Tap			
77		77 77-D	- 25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	77 77-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)	-		NS		18-Jul-13 Outside Tap			ND (0.50) ND (0.50)
78	W07	78 78-D	4-Oct-08	Outside Tap	ND (0.50) ND (0.50)	78 78-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	78 78-D	12-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	18-Jul-13 Outside Tap			
79	W27	79 79-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	79 79-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	-		NS			N	S	
81	Unknown	81 81-D	- 18-Apr-08	Outside Tap	ND (0.50) ND (0.50)	81 81-D	12-Mar-09	Outside Tap	ND (0.50) ND (0.50)	-		NS			N	S	
84	W13	84 84-D	- 24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	84 84-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	-		NS		84 84-D	18-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
86	W28	86 86-D	4-Oct-08	House Tap	ND (0.50) ND (0.50)	86 86-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	86 86-D	17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	86 86-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
95	W29	95 95-D	- 4-Feb-08	Dairy Tap	ND (0.50) ND (0.50)	95 95-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	-		NS			N	S	
96	Unknown	96 96-D	- 4-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	96 96-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	-		NS		96 96-D 1-Aug-13 Kitchen Tap N			
98	W124	NS						NS		98 98-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
99	VV 124			NS			I	NS		99 99-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	

Table 4
Private Property Sampling Results - 1,1-Dichloroethene (1,1-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE
101	W125			NS			I	NS			I	NS		101 101-D	18-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
102		102 102-D	4-Dec-08	Kitchen Tap	ND (0.50) ND (0.50)	102 102-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)		1	NS			N	S	
102		102 102-D	17-Dec-08	Kitchen Tap (RO)	ND (0.50) ND (0.50)		1	NS			1	NS			N	S	
104	W15	104 104-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	-	1	NS			1	NS			N	S	
105		105 105-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	105 105-D	12-Mar-09	Outside Tap	ND (0.50) ND (0.50)		1	NS			N	S	
100		105 105-D	17-Dec-08	Kitchen Tap (RO)	ND (0.50) ND (0.50)			NS				NS			N	S	
106	Unknown			NS		106 106-D	1-Oct-09	Oct-09 Outside Tap					ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	106 106-D	19-Jul-13	Well Supply	ND (0.50) ND (0.50)
107	Unknown	107 107-D	5-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	107 107-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS		107 107-D	19-Jul-13	Non- Residential Kitchen Tap	ND (0.50) ND (0.50)
108	Unknown	108 108-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	108 108-D	5-Mar-09	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)		I	NS			N	S	
109	Unknown			109		109 109-D	5-Jan-10	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)		I	NS			N	S	
111	Unknown			111			1	NS		111 111-D	27-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	111 111-D	6-Aug-13	Well Supply	ND (0.50) ND (0.50)
112	Unknown			112			1	NS 112 18-Oct-11 Kitchen Tap					ND (0.50) ND (0.50)	112 112-D	13-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
113	W16	113 113-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	113 113-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	(0.50) 113-D 17-Aug-11 Kitchen Tap NE				113 113-D	13-Aug-13	Barn Tap	ND (0.50) ND (0.50)
114	W10	114 114-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	114 114-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	NS NS NS NS					S		
115	VV 10	115 115-D	7-Feb-08	Kitchen Tap	1.8 1.8	115 115-D	6-Mar-09	Kitchen Tap	0.53 0.63	NS NS					S		

Table 4
Private Property Sampling Results - 1,1-Dichloroethene (1,1-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE
116	W9	116 116-D	15-Apr-08	Kitchen Tap	1.4	116 116-D	6-Mar-09	Kitchen Tap	0.88	-	!	NS			N	IS	
110	W		11	16(A)		116-W 116-WD	6-Mar-09	Drinking Water Tap	ND (0.50) ND (0.50)		ı	NS			N	IS	
117	W39	117 117-D	- 24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	117 117-D	19-Mar-09	House Tap	ND (0.50) ND (0.50)		ا	NS			N	IS	
118	W18	118 118-D	- 24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	118 118-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)					118 118-D	- 17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
119		119 119-D	3-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	- 22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
121	W17	121 121-D	- 21-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	121 121-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ا	NS			N	IS	
122		122 122-D	21-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	122 122-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS			N	IS	
127	W19	127 127-D	- 16-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	127 127-D	7-Mar-09	Kitchen Tap	ND (0.50) NS NS ND (0.50)					127 127-D	- 17-Jul-13	Well Supply	ND (0.50) ND (0.50)
128	W32	128 128-D	- 6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	- 18-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	- 6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
129	Unknown			NS			1	NS				NS		129 129-D	- 19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
130	Unknown			NS			1	NS		130 130-D	- 1-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	130 130-D	- 19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
131	W30	131 131-D	24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	- 23-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	- 19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
134	W33	134 134-D	7-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	134 134-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)		<u>-</u>	NS	-	134 134-D	- 1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
135	Unknown			NS		135 135-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS		135 135-D	- 19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
136	W63			NS		136 136-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS	
137	VVOS			NS		137 137-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)			NS		137 137-D	19-Jul-13	Well Supply	ND (0.50) ND (0.50)

Table 4
Private Property Sampling Results - 1,1-Dichloroethene (1,1-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE
138	Unknown			NS				NS		138 138-D	11-Jan-12	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
139	W65			NS				NS		139 139-D	- 17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
140	***************************************			NS				NS		140 140-D	- 18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
141	Unknown			NS				NS			1	NS		141 141-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
143	W35	143 143-D	3-Mar-08	Kitchen Tap	ND (0.50) ND (0.50)	143 143-D	19-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	143 143-D	- 18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
144	W35	144 144-D	29-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	144 144-D	19-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	144 144-D	- 18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS NS			
145	Unknown	145 145-D	4-Feb-08	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	145 145-D	19-Feb-09	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	145 145-D	21-Dec-11	Office Kitchen Tap	ND (0.50) ND (0.50)	- NS			
150	Unknown	150 150-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)			NS			I	NS			N	S	
130	Unknown	150(I) 150(I)-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	150(I) 150(I)-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		İ	NS			N	S	
162	Unknown			NS				NS		165 165-D	- 17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	162 162-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
164	Unknown			NS				NS			ı	NS		166A 166A-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
166	Unknown			NS				NS		166 166-D	- 31-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
208	W8	208 208-D	3-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	208 208-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		l	NS			N	S	
217	W11	217 217-D	11-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	217 217-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	ND (0.50) ND (0.50)					N	S	
222	W20	222 222-D	- 6-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	222 222-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS			
227	W31	227 227-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)

Table 4
Private Property Sampling Results - 1,1-Dichloroethene (1,1-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE	Sample ID	Sample Date	Sample Location	1,1-DCE
234	Unknown	234	6-Dec-07	Dairy Sink	ND (0.50)	234	19-Feb-09	Kitchen Tap⁴	ND (0.50)	234	8-Sep-11	Kitchen Tap	ND (0.50) <sup>6</sup>	234	18-Jul-13	Outside Tap	ND (0.50)
204	OTIKITOWIT	234-D	0-Dec-07	Daily Silik	ND (0.50)	234-D	19-1 60-09	киспен тар	ND (0.50)	234-D	0-Зер-11	Ritchell Tap	ND (0.50) <sup>6</sup>	234-D	10-341-13	Outside Tap	ND (0.50)
237	W34	237	22-Apr-08	Kitchen Tap	ND (0.50)	237	6-Mar-09	Kitchen Tap	ND (0.50)			NS		237	18-Jul-13	Kitchen Tap	ND (0.50)
201	770-1	237-D	22 /\pi 00	Tationion Tap	ND (0.50)	237-D	o Mai oo	Table 1 Tap	ND (0.50)			110		237-D	10 001 10	τιιοποίτ ταρ	ND (0.50)
239				NS		239	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
200						239-D	ΤΑΡΙΤΙ	Talenon rap	ND (0.50)								
240	W64			NS		240	1-Apr-11	Kitchen Tap	ND (0.50)	· NS					N	IS	
240	VVO-1			110		240-D	ΤΑΡΙΤΙ	raterieri rap	ND (0.50)			110			11		
241		NS				241	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
241				110		241-D	1-Αρι-11	Kitchen rap	ND (0.50)			110			11	10	
245	W35	245	29-Feb-08	Kitchen Tap	ND (0.50)	245	10-Mar-09	Kitchen Tap	ND (0.50)	245	18-Aug-11	Kitchen Tap	ND (0.50)	245	18-Jul-13	Kitchen Tap	ND (0.50)
240	***************************************	245-D	2010000	raterieri rap	ND (0.50)	245-D	TO Mai 03	rationen rap	ND (0.50)	245-D	10 / lug 11	rationer rap	ND (0.50)	245-D	10 001 10	τιιοποίτ ταρ	ND (0.50)
254	W21	254	6-Feb-08	Kitchen Tap	ND (0.50)	254	5-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
204	VVZ 1	254-D	0 1 05 00	Tationen Tap	ND (0.50)	254-D	o Mai oo	Table 1 Tap	ND (0.50)			110			11		
260	Unknown	260	5-Dec-07	Outside Tap	ND (0.50)	260	10-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
200	OTIMITOWIT	260-D	0 200 01	Outoido Tap	ND (0.50)	260-D	To Mar 00	ration on rap	ND (0.50)	— NS						.0	
266	W36	266	4-Feb-08	Outside Tap	ND (0.50)	266	6-Mar-09	Kitchen Tap	ND (0.50)	(0.50) NS					N	IS	
200	*****	266-D	T 1 00 00	Odtoldo Tap	ND (0.50)	266-D	J WILL 05	ταιοποίτ ταρ	ND (0.50)	(0.50)					11		
300	Unknown	300	25-Oct-08	Kitchen Tap	ND (0.50)	300	12-Mar-09	Kitchen Tap	ND (0.50)	(0.50) NS					N	IS	
300	OTINITOWIT	300-D	20-001-00	Tatorieri Tap	ND (0.50)	300-D	12-11101-09	ταιοποίτ ταρ	ND (0.50)	NS NS					IX		

- 1 Connection to private wells based on information provided by interviewed residents.
- 2 Data Qualified on the Laboratory Analytical Report for 28-D: Sample Contained Headspace
- 3 Data Qualified on the Laboratory Analytical Report for 108-D: Sample as received was not preserved in accordance with the analytical method, pH=6
- 4 Data Qualified on the Laboratory Analytical Report: Lab QC samples were out of range, however there were no detections in the compounds qualified
- 5 This location is currently served by an alternative water supply; this sample result reflects concentrations of constituents in the alternative water supplied to the residence
- 6 This location is served by water from the City of Ontario system; this sample result reflects concentrations of constituents in water supplied

Table 5
Private Property Sampling Results - cis-1,2-Dichloroethene (c-1,2-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE
1	W26	1 1-D	24-Apr-08	Dairy Tap	ND (0.50) ND (0.50)	1 1-D	10-Mar-09	Dairy Tap	ND (0.50) ND (0.50)			NS			N	S	
2	Unknown	2 2-D	25-Oct-08	House Tap	0.75 0.74		İ	NS				NS			N	S	
3	W42	3 3-D	27-Jun-08	Kitchen Tap	0.71 0.72	3 3-D	19-Mar-09	Kitchen Tap	0.64 0.61			NS		3 3-D	- 17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
4	W37	4 4-D	4-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	- 21-Dec-11	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	- 17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
5	W38	5 5-D	4-Oct-08	Dairy Tap	ND (0.50) ND (0.50)	5 5-D	7-Mar-09	Hose Bib	ND (0.50) ND (0.50)			NS		5 5-D	- 1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
6	W41	6 6-D	4-Oct-08	Dairy Tap	ND (0.50) ND (0.50)	6 6-D	19-Mar-09	Restroom Tap	ND (0.50) ND (0.50)			NS		6			
7	VV41	7 7-D	25-Oct-08	Outside Tap	ND (0.50)   7     7-Mar-09   Outside Tap   ND (0.50)   NS   NS   NS   NS   NS   NS   NS   N						S						
9				NS		7-Mar-09 Outside Tap					- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	S	
10	W66			NS				NS		10 10-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	S	
11				NS			l	NS		11 11-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	S	
12	W7	12 12-D	7-Feb-08	Dairy Tap	ND (0.50) ND (0.50)	12 12-D	6-Mar-09	Dairy Tap	ND (0.50) ND (0.50)	12 12-D	24-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	12 12-D	6-Aug-13	Well Supply	ND (0.50) ND (0.50)
13		13 13-D	25-Oct-08	House Tap	ND (0.50) ND (0.50)			NS				NS			N	S	, ,
14	W6	14 14-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	D (0.50)  NS						NS			N	S	
15		15 15-D	11-Dec-07	House Tap	ND (0.50) ND (0.50)	15 15-D	5-Mar-09 Kitchen Tap NS ND (0.50)								N	S	
17	W5	17 17-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	5-Mar-09  Outside Tap  NS											
18	Unknown	18 18-D	27-Jun-08	Outside Tap	ND (0.50) ND (0.50)			NS				NS			N	S	

Table 5
Private Property Sampling Results - cis-1,2-Dichloroethene (c-1,2-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)		
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	
19	W1	19 19-D	3-Dec-07	House Tap	ND (0.50) ND (0.50)	19 19-D	5-Mar-09	House Tap	ND (0.50) ND (0.50)			NS			N	S		
21	W40	21 21-D	1-May-08	Outside Tap	ND (0.50) ND (0.50)	21 21-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS			N	S		
28	W2	28 28-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	28 28-D	6-Mar-09	Kitchen Tap <sup>2</sup>	ND (0.50) ND (0.50)		I	NS			N	S		
30	)M/O	30 30-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS			I	NS			N	S		
32	W3	32 32-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)	32 32-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S		
40	Unknown			NS			,	NS			1	NS		40-D  29-Jul-13  Kitchen Tap  NI  41  29-Jul-13  Well Supply			ND (0.50) ND (0.50)	
41		41 41-D	4-Feb-08	Kitchen Tap	0.71 0.86	41 41-D	5-Mar-09	Kitchen Tap	0.67 0.67		1	NS		41 29-Jul-13 Well Supply			ND (0.50) ND (0.50)	
42	W4	42 42-D	22-Feb-08	Kitchen Tap	0.81 0.81	42 42-D	5-Mar-09	Kitchen Tap	0.69 0.69		ı	NS			29-Jul-13   Well Supply			
43		43 43-D	22-Feb-08	Kitchen Tap	0.77 0.75	43 43-D	5-Mar-09	Kitchen Tap	0.73 0.74			NS			N	S		
44	Unknown	44 44-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	44 44-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS		44 44-D	26-Jul-13	Well Supply	ND (0.50) ND (0.50)	
45	Unknown	45 45-D	27-Sep-08	House Tap	ND (0.50) ND (0.50)	45 45-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS			N	S		
46	Unknown	46 46-D	18-Apr-08	Kitchen Tap	0.56 0.58			NS			I	NS			N	S		
48	W48	48 48-D	16-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	48 48-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		48 48-D	25-Jul-13	Well Supply	ND (0.50) ND (0.50)	
49	Unknown	49 49-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS NS				
50	W25	50 50-D	4-Feb-08	Outside Tap	ND (0.50) ND (0.50)	50 50-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	50 50-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	– NS				
51	Unknown	51 51-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)	51 51-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	51 51-D	8-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	- NS				

# Table 5 Private Property Sampling Results - cis-1,2-Dichloroethene (c-1,2-DCE) Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE
52	W22	52 52-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	52 52-D	11-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	S	
		53 53-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
53		53 53-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
54	W24	54 54-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	54 54-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
55		55 55-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	55 55-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
56		56 56-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	56 56-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		56 56-D 25-Jul-13 Outside Tap ND ND NS			
57	Unknown	57 57-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	57 57-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS			
59	W59	59 59-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	59 59-D	7-Mar-09	Outside Tap	ND (0.50) ND (0.50)	59 59-D	- 12-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	5 59 25-Jul-13 Well Supply			ND (0.50) ND (0.50)
61	Unknown	61 61-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	61 61-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
62	W62	62 62-D	1-May-08	Barn Tap	ND (0.50) ND (0.50)	62 62-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
63	W126			NS				NS				NS		63 63-D	29-Jul-13	Kitchen Tap	0.58 0.58
64	VV 120			NS				NS				NS		64 64-D	29-Jul-13	Non- Residential Kitchen Tap	0.62 0.62
65	Unknown	65 65-D	25-Jun-08	Kitchen Tap	0.83 0.89	65 65-D	7-Mar-09	Kitchen Tap	0.8 0.76			NS			N	S	
66	Unknown		_	66		66 66-D	8-Oct-09	Kitchen Tap	ND(0.50) ND(0.50)	66 66-D	- 17-Aug-11	Kitchen Tap	ND(0.50) ND(0.50)		N	S	
67	Unknown	67 67-D	1-Jul-08	Bathroom Tap	ND (0.50) ND (0.50)	67 67-D	11-Mar-09	Bathroom Tap	ND (0.50) ND (0.50)			NS		NS			
68	Unknown			NS				NS		68 68-D	- 12-Sep-11	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)		N	S	

Table 5
Private Property Sampling Results - cis-1,2-Dichloroethene (c-1,2-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE
69	Unknown			NS			ı	NS		69 69-D	8-Sep-11	Non-Residential Kitchen Tap	ND (0.50) <sup>6</sup> ND (0.50) <sup>6</sup>		N	S	
72	11110	72 72-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	72 72-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		72 72-D	29-Jul-13	Well Supply	ND (0.50) ND (0.50)
73	W12	73 73-D	4-Oct-08	House Tap	ND (0.50) ND (0.50)	73 73-D	12-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	S	
74		74 74-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	74 74-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	S	
75		75 75-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	75 75-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
76	W14	76 76-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	76 76-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		18-Jul-13 Outside Tap			
77		77 77-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	77 77-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS		77 18-Jul-13 Outside Tap			ND (0.50) ND (0.50)
78	Moz	78 78-D	4-Oct-08	Outside Tap	ND (0.50) ND (0.50)	78 78-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	78 78-D	12-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	18-Jul-13 Outside Tap			
79	W27	79 79-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	79 79-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
81	Unknown	81 81-D	18-Apr-08	Outside Tap	ND (0.50) ND (0.50)	81 81-D	12-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	S	
84	W13	84 84-D	24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	84 84-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		84 84-D	18-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
86	W28	86 86-D	4-Oct-08	House Tap	ND (0.50) ND (0.50)	86 86-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	86 86-D	17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	86 86-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
95	W29	95 95-D	4-Feb-08	Dairy Tap	ND (0.50) ND (0.50)	95 95-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
96	Unknown	96 96-D	4-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	96 96-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		96 96-D 1-Aug-13 Kitchen Tap ND (0			
98	W124			NS			ļ	NS		98 98-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	NS			
99	vv 124			NS			I	NS		99 99-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	

Table 5
Private Property Sampling Results - cis-1,2-Dichloroethene (c-1,2-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE
101	W125			NS			ı	NS			1	NS		101 101-D	18-Jul-13	Kitchen Tap	0.57 0.57
102		102 102-D	4-Dec-08	Kitchen Tap	0.63 0.77	102 102-D	19-Mar-09	Outside Tap	0.60		1	NS			N	S	
102		102 102-D	17-Dec-08	Kitchen Tap (RO)	ND (0.50) ND (0.50)		I	NS			1	NS			N	S	
104	W15	104 104-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)		ا	NS			1	NS			N	S	
105		105 105-D	25-Oct-08	Outside Tap	0.61 0.59	105 105-D	12-Mar-09	Outside Tap	0.69		1	NS			N	S	
		105 105-D	17-Dec-08	Kitchen Tap (RO)	0.63 0.62			NS			1	NS			N	S	
106	Unknown			NS		106 106-D	1-Oct-09	Outside Tap	ND (0.50) ND (0.50)	106 106-D	8-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	106 106-D	19-Jul-13	Well Supply	ND (0.50) ND (0.50)
107	Unknown	107 107-D	5-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	107 107-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS		107 107-D	19-Jul-13	Non- Residential Kitchen Tap	ND (0.50) ND (0.50)
108	Unknown	108 108-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	108 108-D	5-Mar-09	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)		1	NS			N	S	
109	Unknown			NS		109 109-D	5-Jan-10	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)		1	NS			N	S	
111	Unknown			NS			1	NS		111 111-D	27-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	111 111-D	6-Aug-13	Well Supply	ND (0.50) ND (0.50)
112	Unknown			NS NS 112 NS NS 18-Oct-11 Kitchen Tap					ND (0.50) ND (0.50)	112 112-D	13-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)				
113	W16	113 113-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	113 113-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	17-Aug-11 Kitchen Tap			ND (0.50) ND (0.50)	113 113-D	13-Aug-13	Barn Tap	ND (0.50) ND (0.50)
114	W10	114 114-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	114 114-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS		NS			
115	**10	115 115-D	7-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	115 115-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS		NS			

Table 5
Private Property Sampling Results - cis-1,2-Dichloroethene (c-1,2-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE
116	W9	116 116-D	15-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	116 116-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS	
116	vv9			NS		116-W 116-WD	6-Mar-09	Drinking Water Tap	ND (0.50) ND (0.50)	-		NS			N	IS	
117	W39	117 117-D	24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	117 117-D	19-Mar-09	House Tap	ND (0.50) ND (0.50)	-		NS					
118	W18	118 118-D	24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	118 118-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	-		NS		118 118-D	- 17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
119		119 119-D	3-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	- 22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
121	W17	121 121-D	21-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	121 121-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS	
122		122 122-D	21-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	122 122-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS	
127	W19	21-Dec-07 Kitchen Tap 5-Mar-09 Kitchen Tap						NS		127 127-D	- 17-Jul-13	Well Supply	ND (0.50) ND (0.50)				
128	W32	128 128-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	- 18-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	- 6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
129	Unknown			NS			1	NS				NS		129 129-D	- 19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
130	Unknown			NS			1	NS		130 130-D	- 1-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	130 130-D	- 19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
131	W30	131 131-D	24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	- 23-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	- 19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
134	W33	134 134-D	7-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	134 134-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)			NS	-	134 134-D	- 1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
135	Unknown			NS		135 135-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)			NS		135 135-D	- 19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
136	W63			NS		136 136-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS	
137	VVOS			NS		137 137-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)			NS		137 137-D	19-Jul-13	Well Supply	ND (0.50) ND (0.50)

# Table 5 Private Property Sampling Results - cis-1,2-Dichloroethene (c-1,2-DCE) Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE
138	Unknown			NS				NS		138 138-D	- 11-Jan-12	Kitchen Tap	ND (0.50) ND (0.50)		Ν	IS	
139	W65			S				NS		139 139-D	- 17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		Ν	IS	
140	VV03			140				NS		140 140-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		Ν	IS	
141	Unknown			NS				NS			1	NS		141 141-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
143	WO.	143 143-D	3-Mar-08	Kitchen Tap	ND (0.50) ND (0.50)	143 143-D	19-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	143 143-D	- 18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	IS	
144	W35	144 144-D	29-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	144 144-D	19-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	144 144-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS NS			
145	Unknown	145 145-D	4-Feb-08	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	145 145-D	19-Feb-09	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	145 145-D	- 21-Dec-11	Office Kitchen Tap	ND (0.50) ND (0.50)	- NS			
150	Unknown	150 150-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)			NS			I	NS			Ν	IS	
130	Unknown	150(I) 150(I)-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	150(I) 150(I)-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		İ	NS			N	IS	
162	Unknown			NS				NS		165 165-D	- 17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	162 162-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
164	Unknown			NS				NS			ı	NS		166A 166A-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
166	Unknown			NS				NS		166 166-D	31-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		Ν	IS	
208	W8	208 208-D	3-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	208 208-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			Ν	IS	
217	W11	217 217-D	11-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	217 217-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	ND (0.50) ND (0.50)					N	IS	
222	W20	222 222-D	6-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	222 222-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS			
227	W31	227 227-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	- 18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)

Table 5
Private Property Sampling Results - cis-1,2-Dichloroethene (c-1,2-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE	Sample ID	Sample Date	Sample Location	c-1,2-DCE
234	Unknown	234	6-Dec-07	Dairy Sink	ND (0.50)	234	19-Feb-09	Kitchen Tap⁴	ND (0.50)	234	8-Sep-11	Kitchen Tap	ND (0.50) <sup>6</sup>	234	18-Jul-13	Outside Tap	ND (0.50)
204	OTIKITOWIT	234-D	0-Dec-01	Daily Silik	ND (0.50)	234-D	19-1 60-09	киспен тар	ND (0.50)	234-D	0-Зер-11	Michell Tap	ND (0.50) <sup>6</sup>	234-D	10-341-13	Outside Tap	ND (0.50)
237	W34	237	22-Apr-08	Kitchen Tap	ND (0.50)	237	6-Mar-09	Kitchen Tap	ND (0.50)			NS		237	18-Jul-13	Kitchen Tap	ND (0.50)
201	770-1	237-D	22 /\pi 00	Tationion Tap	ND (0.50)	237-D	o iviai oo	Table 1 Tap	ND (0.50)			110		237-D	10 001 10	Tationeri Tap	ND (0.50)
239				NS		239	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
200						239-D	1710111	Talenon rap	ND (0.50)								
240	W64	NS <u>240</u> 1-Apr-11					1-Anr-11	Kitchen Tan	ND (0.50)			NS			N	IS	
240	VVO-1	240-D ND (0.50)								11							
241		NS				241	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
241				110		241-D	1-Αρι-11	Kitchen rap	ND (0.50)			110			11	10	
245	W35	245	29-Feb-08	Kitchen Tap	ND (0.50)	245	10-Mar-09	Kitchen Tap	ND (0.50)	245	18-Aug-11	Kitchen Tap	ND (0.50)	245	18-Jul-13	Kitchen Tap	ND (0.50)
240	***************************************	245-D	2010000	raterieri rap	ND (0.50)	245-D	TO Mar 03	rationen rap	ND (0.50)	245-D	10 Aug 11	rationer rap	ND (0.50)	245-D	10 001 10	Tationer Tap	ND (0.50)
254	W21	254	6-Feb-08	Kitchen Tap	ND (0.50)	254	5-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
204	VVZ 1	254-D	0 1 00 00	Tationen Tap	ND (0.50)	254-D	o iviai oo	Table 1 Tap	ND (0.50)			110			11		
260	Unknown	260	5-Dec-07	Outside Tap	ND (0.50)	260	10-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
200	OTIMITOWIT	260-D	0 200 01	Outoido Tap	ND (0.50)	260-D	To Mar 00	ration on rap	ND (0.50)	– ´– NS							
266	W36	266	4-Feb-08	Outside Tap	ND (0.50)	266	6-Mar-09	Kitchen Tap	ND (0.50)	(0.50) NS					N	IS	
200	*****	266-D	Ŧ I OD OO	Odtoldo Tap	ND (0.50)	266-D	o iviai oo	ταιοποίτ ταρ	ND (0.50)	(0.50)					11		
300	Unknown	300	25-Oct-08	Kitchen Tap	ND (0.50)	300	12-Mar-09	Kitchen Tap	ND (0.50)	0 (0.50) NS					N	IS	
300	OTINITOWIT	300-D	20-000-00	Tatorieri Tap	ND (0.50)	300-D	12-10141-09	ταιοποίτ ταρ	ND (0.50)	NS NS					IX		

- 1 Connection to private wells based on information provided by interviewed residents.
- 2 Data Qualified on the Laboratory Analytical Report for 28-D: Sample Contained Headspace
- 3 Data Qualified on the Laboratory Analytical Report for 108-D: Sample as received was not preserved in accordance with the analytical method, pH=6
- 4 Data Qualified on the Laboratory Analytical Report: Lab QC samples were out of range, however there were no detections in the compounds qualified
- 5 This location is currently served by an alternative water supply; this sample result reflects concentrations of constituents in the alternative water supplied to the residence
- 6 This location is served by water from the City of Ontario system; this sample result reflects concentrations of constituents in water supplied

# Table 6 Private Property Sampling Results - trans-1,2-Dichloroethene (t-1,2-DCE) Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE
1	W26	1 1-D	24-Apr-08	Dairy Tap	ND (0.50) ND (0.50)	1 1-D	10-Mar-09	Dairy Tap	ND (0.50) ND (0.50)		1	NS			N	S	
2	Unknown	2 2-D	25-Oct-08	House Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
3	W42	3 3-D	27-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	3 3-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		3 3-D	- 17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
4	W37	4 4-D	4-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	- 21-Dec-11	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	- 17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
5	W38	5 5-D	4-Oct-08	Dairy Tap	ND (0.50) ND (0.50)	5 5-D	7-Mar-09	Hose Bib	ND (0.50) ND (0.50)			NS		5 5-D	- 1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
6	W41	6 6-D	4-Oct-08	Dairy Tap	ND (0.50) ND (0.50)	6 6-D	19-Mar-09	Restroom Tap	ND (0.50) ND (0.50)			NS		6 17-Jul-13 Well supply NE			
7	VV41	7 7-D	25-Oct-08	Outside Tap	ND (0.50)   7     7-Mar-09   Outside Tap   ND (0.50)   NS   NS   NS   NS   NS   NS   NS   N						S						
9				NS		7-Mar-09 Outside Tap					- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	S	
10	W66			NS				NS		10 10-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	S	
11				NS			l	NS		11 11-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	S	
12	W7	12 12-D	7-Feb-08	Dairy Tap	ND (0.50) ND (0.50)	12 12-D	6-Mar-09	Dairy Tap	ND (0.50) ND (0.50)	12 12-D	- 24-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	12 12-D	- 6-Aug-13	Well Supply	ND (0.50) ND (0.50)
13		13 13-D	25-Oct-08	House Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
14	W6	14 14-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)		ĺ	NS			ĺ	NS			N	S	
15		15 15-D	11-Dec-07	House Tap	ND (0.50) ND (0.50)	(0.50) 15-D S-Mar-09 Kitchen Tap ND (0.50)							N	S			
17	W5	17 17-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	ND (0.50) 17-D S-Mar-09 Outside Tap NS NS NS											
18	Unknown	18 18-D	27-Jun-08	Outside Tap	ND (0.50) ND (0.50)			NS				NS			N	S	

Table 6
Private Property Sampling Results - trans-1,2-Dichloroethene (t-1,2-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE
19	W1	19 19-D	3-Dec-07	House Tap	ND (0.50) ND (0.50)	19 19-D	- 5-Mar-09	House Tap	ND (0.50) ND (0.50)		ı	NS			N	S	
21	W40	21 21-D	1-May-08	Outside Tap	ND (0.50) ND (0.50)	21 21-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS			N	S	
28	W2	28 28-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	28 28-D	- 6-Mar-09	Kitchen Tap <sup>2</sup>	ND (0.50) ND (0.50)			NS			N	S	
30	\M/Q	30 30-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
32	W3	32 32-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)	32 32-D	- 6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS			N	S	
40	Unknown			NS			l	NS			ا	NS		40-D  29-Jul-13 Kitchen Tap  1 29-Jul-13 Well Supply			ND (0.50) ND (0.50)
41		41 41-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	41 41-D	- 5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		41 41-D	29-Jul-13	Well Supply	ND (0.50) ND (0.50)
42	W4	42 42-D	22-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	42 42-D	- 5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		İ	NS			N	S	
43		43 43-D	22-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	43 43-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
44	Unknown	44 44-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	44 44-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ļ	NS		44 44-D	26-Jul-13	Well Supply	ND (0.50) ND (0.50)
45	Unknown	45 45-D	27-Sep-08	House Tap	ND (0.50) ND (0.50)	45 45-D	- 10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		!	NS			N	S	
46	Unknown	46 46-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	-	İ	NS			ĺ	NS			N	S	
48	W48	48 48-D	16-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	48 48-D	- 11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ا	NS		48 48-D	25-Jul-13	Well Supply	ND (0.50) ND (0.50)
49	Unknown	49 49-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	- 7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	- NS			
50	W25	50 50-D	4-Feb-08	Outside Tap	ND (0.50) ND (0.50)	50 50-D	- 7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	50 50-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS NS			
51	Unknown	51 51-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)	51 51-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	51 51-D	8-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	5 NS			

## Table 6 Private Property Sampling Results - trans-1,2-Dichloroethene (t-1,2-DCE) Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE
52	W22	52 52-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	52 52-D	11-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	S	
		53 53-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
53		53 53-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
54	W24	54 54-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	54 54-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
55		55 55-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	55 55-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
56		56 56-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	56 56-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		56-D 25-Jul-13 Outside Tap NE			ND (0.50) ND (0.50)
57	Unknown	57 57-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	57 57-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS			
59	W59	59 59-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	59 59-D	7-Mar-09	Outside Tap	ND (0.50) ND (0.50)	59 59-D	- 12-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	59 25-Jul-13 Well Supply			ND (0.50) ND (0.50)
61	Unknown	61 61-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	61 61-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
62	W62	62 62-D	1-May-08	Barn Tap	ND (0.50) ND (0.50)	62 62-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
63	W126			NS				NS				NS		63 63-D	- 29-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
64	VV 120			NS				NS				NS		64 64-D	29-Jul-13	Non- Residential Kitchen Tap	ND (0.50) ND (0.50)
65	Unknown	65 65-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	65 65-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
66	Unknown					66 66-D	8-Oct-09	Kitchen Tap	ND(0.50) ND(0.50)	66 66-D	- 17-Aug-11	Kitchen Tap	ND(0.50) ND(0.50)		N	S	
67	Unknown	67 1-Jul-08 Bathroom Tap ND (0.5) ND (0.5)				67 67-D	11-Mar-09	Bathroom Tap	ND (0.50) ND (0.50)			NS			N	S	
68	Unknown	NS NS						NS		68 68-D	- 12-Sep-11	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)		N	S	

## Table 6 Private Property Sampling Results - trans-1,2-Dichloroethene (t-1,2-DCE) Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE
69	Unknown			NS			1	NS		69 69-D	8-Sep-11	Non-Residential Kitchen Tap	ND (0.50) <sup>6</sup> ND (0.50) <sup>6</sup>		N	S	
72	10/40	72 72-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	72 72-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS	(0.00)	72 72-D	29-Jul-13	Well Supply	ND (0.50) ND (0.50)
73	W12	73 73-D	4-Oct-08	House Tap	ND (0.50) ND (0.50)	73 73-D	12-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	S	
74		74 74-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	74 74-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	S	
75	W	75 75-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	75 75-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
76	W14	76 76-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	76 76-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS  77  18- Jul-13 Outside Tap			
77		77 77-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	77 77-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS		18-Jul-13 Outside Tap			ND (0.50) ND (0.50)
78	W07	78 78-D	4-Oct-08	Outside Tap	ND (0.50) ND (0.50)	78 78-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	78 78-D	12-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	18-Jul-13 Outside Tap			
79	W27	79 79-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	79 79-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
81	Unknown	81 81-D	18-Apr-08	Outside Tap	ND (0.50) ND (0.50)	81 81-D	12-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	S	
84	W13	84 84-D	24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	84 84-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		84 84-D	18-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
86	W28	86 86-D	4-Oct-08	House Tap	ND (0.50) ND (0.50)	86 86-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	86 86-D	17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	86 86-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
95	W29	95 95-D	4-Feb-08	Dairy Tap	ND (0.50) ND (0.50)	95 95-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
96	Unknown	96 96-D	4-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	(0.50) 96-D 11-Mar-09 Kitchen Tap ND (0.50) NS 96-D 1-Au					1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)				
98	W124	NS					-	NS		98 98-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
99	vv 124	NS					[	NS		99 99-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	

Table 6
Private Property Sampling Results - trans-1,2-Dichloroethene (t-1,2-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE
101	W125			NS			ı	NS				NS		101 101-D	18-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
400		102 102-D	4-Dec-08	Kitchen Tap	ND (0.50) ND (0.50)	102 102-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	S	
102		102 102-D	17-Dec-08	Kitchen Tap (RO)	ND (0.50) ND (0.50)			NS				NS			N	S	
104	W15	104 104-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)		!	NS				NS			N	S	
105		105 105-D	25-Oct-08	Outside Tap	ND (0.50) 105-D ND (0.50) ND (0.50)								N	S			
100		105 105-D	17-Dec-08	Kitchen Tap (RO)	ND (0.50) ND (0.50)		l	NS				NS			N	S	
106	Unknown	105-D ND (0.50)  NS 106 106-D 1-Oct-09 Outside Tap ND (0.50) 106-D 8-Sep-11 Kitchen Tap NE						ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	106 106-D	19-Jul-13	Well Supply	ND (0.50) ND (0.50)					
107	Unknown	107 107-D	5-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	107 107-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		107 107-D	19-Jul-13	Non- Residential Kitchen Tap	ND (0.50) ND (0.50)
108	Unknown	108 108-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	108 108-D	5-Mar-09	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)			NS			N	S	
109	Unknown			NS		109 109-D	5-Jan-10	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)			NS			N	S	
111	Unknown			NS			I	NS		111 111-D	- 27-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	111 111-D	6-Aug-13	Well Supply	ND (0.50) ND (0.50)
112	Unknown			NS			l	NS		112 ND (			ND (0.50) ND (0.50)	112 112-D	13-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
113	W16	113 113-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	113 113-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	(0.50) 113-D 17-Aug-11 Kitchen Tap ND (0				113 113-D	13-Aug-13	Barn Tap	ND (0.50) ND (0.50)
114	W10	114 114-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	114 114-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	D (0.50)					N	S	
115	0	115         7-Feb-08         Kitchen Tap         ND (0.50)         115 (-)         6-Mar-09         Kitchen Tap         ND (0.50)         NS						NS			N	S					

Table 6
Private Property Sampling Results - trans-1,2-Dichloroethene (t-1,2-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE
116	W9	116 116-D	15-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	116 116-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS			N	S	
110	VV9			NS		116-W 116-WD	6-Mar-09	Drinking Water Tap	ND (0.50) ND (0.50)		Í	NS			N	S	
117	W39	117 117-D	24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	117 117-D	19-Mar-09	House Tap	ND (0.50) ND (0.50)		I	NS			N	S	
118	W18	118 118-D	24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	118 118-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS		118 118-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
119		119 119-D	3-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
121	W17	121 121-D	21-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	121 121-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS			N	S	
122		122 122-D	21-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	122 122-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS			N	S	
127	W19	127 127-D	16-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	127 127-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS		127 127-D	17-Jul-13	Well Supply	ND (0.50) ND (0.50)
128	W32	128 128-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	18-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
129	Unknown			NS			I	NS			ļ	NS		129 129-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
130	Unknown			NS			I	NS		130 130-D	- 1-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	130 130-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
131	W30	131 131-D	24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	23-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
134	W33	134 134-D	134 7-Feb-08 Kitchen Tap ND (0.50			134 134-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)		,	NS		134 134-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
135	Unknown	NS				135 135-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS		135 135-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
136	W63	NS				136 136-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
137	VVO3		NS				1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)		-	NS		137 137-D	19-Jul-13	Well Supply	ND (0.50) ND (0.50)

## Table 6 Private Property Sampling Results - trans-1,2-Dichloroethene (t-1,2-DCE) Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE
138	Unknown			NS				NS		138 138-D	11-Jan-12	Kitchen Tap	ND (0.50) ND (0.50)		Ν	IS	
139	W65			NS				NS		139 139-D	17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		Ν	IS	
140	***************************************			NS				NS		140 140-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	IS	
141	Unknown			NS				NS			1	NS		141 141-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
143	W35	143 143-D	3-Mar-08	Kitchen Tap	ND (0.50) ND (0.50)	143 143-D	19-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	143 143-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	IS	
144	W35	144 144-D	29-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	144 144-D	19-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	144 144-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS			
145	Unknown	145 145-D	4-Feb-08	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	145 145-D	19-Feb-09	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	145 145-D	21-Dec-11	Office Kitchen Tap	ND (0.50) ND (0.50)	) NS			
150	Unknown	150 150-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)			NS			I	NS			Ν	IS	
130	Unknown	150(I) 150(I)-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	150(I) 150(I)-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		İ	NS			Ν	IS	
162	Unknown			NS				NS		165 165-D	17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	162 162-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
164	Unknown			NS				NS			ı	NS		166A 166A-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
166	Unknown			NS				NS		166 166-D	31-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		Ν	IS	
208	W8	208 208-D	3-Dec-07	Kitchen Tap	ND (0.50)   208     5-Mar-09   Kitchen Tap   ND (0.50)   ND (0.50)   ND (0.50)   ND (0.50)					IS							
217	W11	217 217-D	11-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	26-Feb-09 Kitchen Tap NS ND (0.50)						N	IS				
222	W20	222 222-D	6-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	222 222-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)								
227	W31	227 227-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)

Table 6
Private Property Sampling Results - trans-1,2-Dichloroethene (t-1,2-DCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE	Sample ID	Sample Date	Sample Location	t-1,2-DCE
234	Unknown	234	6-Dec-07	Dairy Sink	ND (0.50)	234	19-Feb-09	Kitchen Tap⁴	ND (0.50)	234	8-Sep-11	Kitchen Tap	ND (0.50) <sup>6</sup>	234	- 18-Jul-13	Outside Tap	ND (0.50)
204	OTIKITOWIT	234-D	0-Dec-07	Daily Silik	ND (0.50)	234-D	19-1 60-09	Kitchen Tap	ND (0.50)	234-D	0-Зер-11	Michell Tap	ND (0.50) <sup>6</sup>	234-D	10-341-13	Outside Tap	ND (0.50)
237	W34	237	22-Apr-08	Kitchen Tap	ND (0.50)	237	6-Mar-09	Kitchen Tap	ND (0.50)			NS		237	- 18-Jul-13	Kitchen Tap	ND (0.50)
231	VV3 <del>4</del>	237-D	22-Api-00	Ritchen Tap	ND (0.50)	237-D	0-IVIAI-09	Michell Tap	ND (0.50)			NO		237-D	10-341-13	Michell Tap	ND (0.50)
239				NS		239	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	- IS	
200				110		239-D	Ι-Αρι-11	Ritchen Tap	ND (0.50)			110			11		
240	W64			NS		240	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
240	VVO-4			110		240-D	Ι-Αρι-11	Ritchen Tap	ND (0.50)			110			11		
241				NS		241	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
241						241-D	Τηριτι	Table 1 Tap	ND (0.50)			110					
245	W35	245	29-Feb-08	Kitchen Tap	ND (0.50)	245	10-Mar-09	Kitchen Tap	ND (0.50)	245	18-Aug-11	Kitchen Tap	ND (0.50)	245	- 18-Jul-13	Kitchen Tap	ND (0.50)
240	***************************************	245-D	2010000	raterieri rap	ND (0.50)	245-D	10 Mai 00	rationen rap	ND (0.50)	245-D	10 / lug 11	ratorieri rap	ND (0.50)	245-D	10 001 10	Tationer Tap	ND (0.50)
254	W21	254	6-Feb-08	Kitchen Tap	ND (0.50)	254	5-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
204	VVZ 1	254-D	010000	Tationen Tap	ND (0.50)	254-D	o iviai oo	Table 1 Tap	ND (0.50)			110			11		
260	Unknown	260	5-Dec-07	Outside Tap	ND (0.50)	260	10-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
200	OTIKITOWIT	260-D	0 000 01	Outside Tup	ND (0.50)	260-D	10 Mai 00	ratelleri rap	ND (0.50)	— NS					11		
266	W36	266	4-Feb-08	Outside Tap	ND (0.50)	266	6-Mar-09	Kitchen Tap	ND (0.50)	NS NS					N	IS	
200	VVOO	266-D	<del>1</del> 1 CD-00	Odiside Tap	ND (0.50)	266-D	0-IVIAI-03	ταιοποίτταρ	ND (0.50)	0 (0.50)					IX		
300	Unknown	300	25-Oct-08	Kitchen Tap	ND (0.50)	300	12-Mar-09	Kitchen Tap	ND (0.50)	50) NS					N	IS	
300	OTIKITOWIT	300-D	20-001-00	Кионен тар	ND (0.50)	300-D	12-111111-09	киспен тар	ND (0.50)	NS NS					IN	10	

- 1 Connection to private wells based on information provided by interviewed residents.
- 2 Data Qualified on the Laboratory Analytical Report for 28-D: Sample Contained Headspace
- 3 Data Qualified on the Laboratory Analytical Report for 108-D: Sample as received was not preserved in accordance with the analytical method, pH=6
- 4 Data Qualified on the Laboratory Analytical Report: Lab QC samples were out of range, however there were no detections in the compounds qualified
- 5 This location is currently served by an alternative water supply; this sample result reflects concentrations of constituents in the alternative water supplied to the residence
- 6 This location is served by water from the City of Ontario system; this sample result reflects concentrations of constituents in water supplied

Table 7
Private Property Sampling Results - 1,1-Trichloroethene (PCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE
1	W26	1 1-D	24-Apr-08	Dairy Tap	ND (0.50) ND (0.50)	1 1-D	10-Mar-09	Dairy Tap	ND (0.50) ND (0.50)	-	ı	NS			N	IS	
2	Unknown	2 2-D	25-Oct-08	House Tap	ND (0.50) ND (0.50)			NS			ı	NS			N	IS	
3	W42	3 3-D	27-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	3 3-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	-	ı	NS		3 3-D	- 17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
4	W37	4 4-D	4-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	- 21-Dec-11	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	- 17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
5	W38	5 5-D	4-Oct-08	Dairy Tap	ND (0.50) ND (0.50)	5 5-D	7-Mar-09	Hose Bib	ND (0.50) ND (0.50)		ı	NS		5 5-D	- 1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
6	W41	6 6-D	4-Oct-08	Dairy Tap	ND (0.50) ND (0.50)	6 6-D	19-Mar-09	ND (0.50) 6-D					Well supply	ND (0.50) ND (0.50)			
7	VV41	7 7-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	50) 6-D ND (0.50)  50) 7  7-Mar-09 Outside Tap ND (0.50)  ND (0.50)  NS								N	IS		
9				NS			ı	NS		9 9-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	IS	
10	W66			NS			ı	NS		10 10-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	IS	
11				NS			l	NS		11 11-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	IS	
12	W7	12 12-D	7-Feb-08	Dairy Tap	ND (0.50) ND (0.50)	12 12-D	6-Mar-09	Dairy Tap	ND (0.50) ND (0.50)	12 12-D	- 24-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	12 12-D	- 6-Aug-13	Well Supply	ND (0.50) ND (0.50)
13		13 13-D	25-Oct-08	House Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
14	W6	14 14-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	D (0.50)  D (0.50)  NS					Í	NS			N	IS	
15		15 15-D	11-Dec-07	House Tap	ND (0.50) ND (0.50)	0 (0.50) 15 0 (0.50) 15-D Kitchen Tap ND (0.50) ND (0.50)					I	NS			N	IS	
17	W5	17 17-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	5-Mar-09 Outside Tap ND (0.50) 17-D ND (0.50					-	NS			N	IS	
18	Unknown	18 18-D	27-Jun-08	Outside Tap	ND (0.50) ND (0.50)	D (0.50)						NS			N	IS	

Table 7
Private Property Sampling Results - 1,1-Trichloroethene (PCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE
19	W1	19 19-D	3-Dec-07	House Tap	ND (0.50) ND (0.50)	19 19-D	- 5-Mar-09	House Tap	ND (0.50) ND (0.50)		ı	NS			N	S	
21	W40	21 21-D	1-May-08	Outside Tap	ND (0.50) ND (0.50)	21 21-D	- 19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS			N	S	
28	W2	28 28-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	28 28-D	- 6-Mar-09	Kitchen Tap <sup>2</sup>	ND (0.50) ND (0.50)		I	NS			N	S	
30	\A/Q	30 30-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
32	W3	32 32-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)	32 32-D	- 6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS			N	S	
40	Unknown			NS			ا	NS			l	NS		40-D 29-Jul-13 Kitchen Tap NI			ND (0.50) ND (0.50)
41		41 41-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	41 41-D	- 5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		İ	NS		41 41-D	29-Jul-13	Well Supply	ND (0.50) ND (0.50)
42	W4	42 42-D	22-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	42 42-D	- 5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		İ	NS			N	S	
43		43 43-D	22-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	43 43-D	- 5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
44	Unknown	44 44-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	44 44-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		44 44-D	26-Jul-13	Well Supply	ND (0.50) ND (0.50)
45	Unknown	45 45-D	27-Sep-08	House Tap	ND (0.50) ND (0.50)	45 45-D	- 10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		İ	NS			N	S	
46	Unknown	46 46-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	-	İ	NS			ĺ	NS			N	S	
48	W48	48 48-D	16-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	48 48-D	- 11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		l	NS		48 48-D	25-Jul-13	Well Supply	ND (0.50) ND (0.50)
49	Unknown	49 49-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	- 7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS NS			
50	W25	50 50-D	4-Feb-08	Outside Tap	ND (0.50) ND (0.50)	50 50-D	- 7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	50 50-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS NS			
51	Unknown	51 51-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)	51 51-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	51 51-D	8-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	5 NS			

## Table 7 Private Property Sampling Results - 1,1-Trichloroethene (PCE) Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE
52	W22	52 52-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	52 52-D	11-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	S	
		53 53-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
53		53 53-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
54	W24	54 54-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	54 54-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
55		55 55-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	55 55-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
56		56 56-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	56 56-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		25-Jul-13 Outside Tap			ND (0.50) ND (0.50)
57	Unknown	57 57-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	57 57-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS					
59	W59	59 59-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	59 59-D	7-Mar-09	Outside Tap	ND (0.50) ND (0.50)	59 59-D	- 12-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	25-Jul-13 Well Supply			ND (0.50) ND (0.50)
61	Unknown	61 61-D	27-Sep-08	Kitchen Tap	1.1	61 61-D	11-Mar-09	Kitchen Tap	0.89			NS			N	S	
62	W62	62 62-D	1-May-08	Barn Tap	0.81 0.76	62 62-D	11-Mar-09	Kitchen Tap	1.1			NS			N	S	
63	W126			NS			-	NS				NS		63 63-D	29-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
64	VV 120			NS			ı	NS				NS		64 64-D	29-Jul-13	Non- Residential Kitchen Tap	ND (0.50) ND (0.50)
65	Unknown	65 65-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	65 65-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
66	Unknown	NS				66 66-D	8-Oct-09	Kitchen Tap	ND(0.50) ND(0.50)	66 66-D	17-Aug-11	Kitchen Tap	ND(0.50) ND(0.50)		N	S	
67	Unknown	67 1-Jul-08 Bathroom Tap ND (0.5 ND (0.5				67 67-D	11-Mar-09	Bathroom Tap	ND (0.50) ND (0.50)			NS			N	S	
68	Unknown	NS NS						NS		68 68-D	- 12-Sep-11	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)		N	S	

# Table 7 Private Property Sampling Results - 1,1-Trichloroethene (PCE) Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE
69	Unknown			NS			ı	NS		69	8-Sep-11	Non-Residential Kitchen Tap	ND (0.50) <sup>6</sup>		N	S	
									1	69-D		Kitchen Tap	ND (0.50) <sup>6</sup>				
72		72 72-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	72 72-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		72 72-D	29-Jul-13	Well Supply	ND (0.50) ND (0.50)
	W12	73	_		ND (0.50)	73			ND (0.50)							_	
73		73-D	4-Oct-08	House Tap	ND (0.50)	73-D	12-Mar-09	Barn Tap	ND (0.50)	-		NS			N	S	
74		74	25-Oct-08	Outside Tap	ND (0.50)	74	19-Mar-09	Outside Tap	ND (0.50)			NS			N	c	
74		74-D	25-001-06	Outside Tap	ND (0.50)	74-D	19-10181-09	Outside rap	ND (0.50)			INO			IN	3	
75		75	25-Oct-08	Outside Tap	ND (0.50)	75	12-Mar-09	Kitchen Tap	ND (0.50)			NS			N	9	
7.5	W14	75-D	25-001-00	Outside Tap	ND (0.50)	75-D	12-IVIAI-03	ratorion rap	ND (0.50)			110			11		
76	VV 1-4	76	25-Jun-08	Kitchen Tap	ND (0.50)	76	12-Mar-09	Kitchen Tap	ND (0.50)			NS		NS			
70		76-D	20 0011 00	Tationen Tap	ND (0.50)	76-D	12 Mai 03	ratorion rap	ND (0.50)			110		77 ND			
77		77	25-Oct-08	Outside Tap	ND (0.50)	77	19-Mar-09	Outside Tap	ND (0.50)			NS		77	ND (0.50)		
		77-D	20 00.00	- Cutolido Tap	ND (0.50)	77-D	10 Mai 00	- Cutolido Tap	ND (0.50)				1	18-Jul-13 Outside Tap			ND (0.50)
78		78	4-Oct-08	Outside Tap	ND (0.50)	78	12-Mar-09	Kitchen Tap	ND (0.50)	78	12-Sep-11	Kitchen Tap	ND (0.50)		N	S	
	W27	78-D			ND (0.50)	78-D		·	ND (0.50)	78-D	·		ND (0.50)				
79		79	4-Feb-08	Kitchen Tap	ND (0.50)	79	11-Mar-09	Kitchen Tap	ND (0.50)	-		NS			N	S	
		79-D			ND (0.50)	79-D			ND (0.50)								
81	Unknown	81	18-Apr-08	Outside Tap	ND (0.50)	81	12-Mar-09	Outside Tap	ND (0.50)	-		NS			N	S	
		81-D			ND (0.50)	81-D			ND (0.50)								I
84	W13	84	24-Apr-08	Kitchen Tap	ND (0.50)	84	12-Mar-09	Kitchen Tap	ND (0.50)	-		NS		84	18-Jul-13	Kitchen Tap	ND (0.50)
		84-D			ND (0.50)	84-D			ND (0.50)				l <b>.</b>	84-D			ND (0.50)
86	W28	86	4-Oct-08	House Tap	ND (0.50)	86	11-Mar-09	Kitchen Tap	ND (0.50)	86	17-Aug-11	Kitchen Tap	ND (0.50)	86	1-Aug-13	Kitchen Tap	ND (0.50)
		86-D			ND (0.50)	86-D			ND (0.50)	86-D			ND (0.50)	86-D			ND (0.50)
95	W29	95	4-Feb-08	Dairy Tap	ND (0.50)	95 05 D	11-Mar-09	Kitchen Tap	ND (0.50)	-		NS			N	S	
		95-D			ND (0.50)	95-D			ND (0.50)					06			ND (0.50)
96	Unknown	96 96-D	4-Oct-08 Kitchen Tap ND (0.50 ND (0.50			96 96-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		96 96-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
		30 5							115 (0.00)	98			ND (0.50)	30 D			145 (0.00)
98	W124	NS						NS		98-D	26-Oct-11	Kitchen Tap	ND (0.50)		N	S	
99	V V I <b>∠</b> 44	NS					ı	NS		99 99-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	

Table 7
Private Property Sampling Results - 1,1-Trichloroethene (PCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE
101	W125			NS				NS				NS		101 101-D	- 18-Jul-13	Kitchen Tap	ND (0.50)
102		102 102-D	4-Dec-08	Kitchen Tap	ND (0.50) ND (0.50)	102 102-D	- 19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	IS	
102		102 102-D	17-Dec-08	Kitchen Tap (RO)	ND (0.50) ND (0.50)			NS				NS			N	IS	
104	W15	104 104-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	IS	
105		105 105-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	105 105-D	- 12-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	IS	
103		105 105-D	17-Dec-08	Kitchen Tap (RO)	ND (0.50) ND (0.50)			NS				NS			N	IS	
106	Unknown			NS		106 106-D	- 1-Oct-09	Outside Tap	ND (0.50) ND (0.50)	106 106-D	- 8-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	106 106-D	- 19-Jul-13	Well Supply	ND (0.50) ND (0.50)
107	Unknown	107 107-D	5-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	107 107-D	- 6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	-		NS	-	107 107-D	- 19-Jul-13	Non- Residential Kitchen Tap	ND (0.50) ND (0.50)
108	Unknown	108 108-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	108 108-D	5-Mar-09	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)	-					N	IS	
109	Unknown			NS		109 109-D	5-Jan-10	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)	-		NS			N	IS	
111	Unknown			NS				NS		111 111-D	- 27-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	111 111-D	- 6-Aug-13	Well Supply	ND (0.50) ND (0.50)
112	Unknown			NS				NS		112 112-D	- 18-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	112 112-D	- 13-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
113	W16	113 113-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	113 113-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	17-Aug-11 Kitchen Tap ND				113 113-D	- 13-Aug-13	Barn Tap	ND (0.50) ND (0.50)
114	W10	114 114-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	114 114-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS	
115	VVIO	115 115-D	7-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	115 115-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS	

Table 7
Private Property Sampling Results - 1,1-Trichloroethene (PCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE
116	W9	116 116-D	15-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	116 116-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS	
110	vv9		11	6(A)		116-W 116-WD	6-Mar-09	Drinking Water Tap	ND (0.50) ND (0.50)	-		NS			N	IS	
117	W39	117 117-D	24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	117 117-D	19-Mar-09	House Tap	ND (0.50) ND (0.50)	-		NS			N	IS	
118	W18	118 118-D	24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	118 118-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	-		NS		118 118-D	- 17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
119		119 119-D	3-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	- 22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	- 17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
121	W17	121 121-D	21-Dec-07 Kitchen Tap ND (0.5)  122 21-Dec-07 Kitchen Tap ND (0.5)				5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	-		NS			N	IS	
122		122 122-D 21-Dec-07 Kitchen Tap ND (0. ND (0. ND (0.				122 122-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	-		NS			N	IS	
127	W19	127 127-D	122-D 21-Dec-07 Kitchen Tap ND (0.3) 127 16-Apr-08 Kitchen Tap				7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		127 127-D	- 17-Jul-13	Well Supply	ND (0.50) ND (0.50)
128	W32	128 128-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	- 18-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	- 6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
129	Unknown			NS			1	NS				NS		129 129-D	- 19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
130	Unknown			NS			1	NS		130 130-D	- 1-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	130 130-D	- 19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
131	W30	131 131-D	24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	- 23-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	- 19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
134	W33	131-D ND (0.50  134  7-Feb-08 Kitchen Tap  ND (0.50  ND (0.50)  ND (0.50)				134 134-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		134 134-D	- 1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
135	Unknown			NS		135 135-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)			NS		135 135-D	- 19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
136	W63			NS		136 136-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS	
137	VVOS			NS		137 137-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)			NS		137 137-D	19-Jul-13	Well Supply	ND (0.50) ND (0.50)

Table 7
Private Property Sampling Results - 1,1-Trichloroethene (PCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE
138	Unknown			NS			I	NS		138 138-D	11-Jan-12	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
139	W65			NS			I	NS		139 139-D	17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
140	***************************************			NS			l	NS		140 140-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
141	Unknown			NS			1	NS			1	NS		141 141-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
143	W35	143 143-D	3-Mar-08	Kitchen Tap	ND (0.50) ND (0.50)	143 143-D	19-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	143 143-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
144	W35	144 144-D	29-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	144 144-D	19-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	144 144-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS NS			
145	Unknown	145 145-D	4-Feb-08	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	145 145-D	19-Feb-09	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	145 145-D	21-Dec-11	Office Kitchen Tap	ND (0.50) ND (0.50)	- NS			
150	Unknown	150 150-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)		I	NS			I	NS			N	S	
130	Unknown	150(I) 150(I)-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	150(I) 150(I)-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	-	İ	NS			N	S	
162	Unknown			NS			!	NS		165 165-D	17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	162 162-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
164	Unknown			NS			ı	NS			ı	NS		166A 166A-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
166	Unknown			166						166 166-D	31-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
208	W8	208 208-D	3-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	208 208-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	(0.50) NS					N	S	
217	W11	217 217-D	11-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	217 217-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	ND (0.50)					N	S	
222	W20	222 222-D	- 6-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	222 222-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS			
227	W31	227 227-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)

Table 7
Private Property Sampling Results - 1,1-Trichloroethene (PCE)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE	Sample ID	Sample Date	Sample Location	PCE
234	Unknown	234	6-Dec-07	Dairy Sink	ND (0.50)	234	19-Feb-09	Kitchen Tap⁴	ND (0.50)	234	8-Sep-11	Kitchen Tap	ND (0.50) <sup>6</sup>	234	18-Jul-13	Outside Tap	ND (0.50)
204	OTIKITOWIT	234-D	0-Dec-01	Daily Silik	ND (0.50)	234-D	19-1 60-09	киспен тар	ND (0.50)	234-D	0-Зер-11	Michell Tap	ND (0.50) <sup>6</sup>	234-D	10-341-13	Outside Tap	ND (0.50)
237	W34	237	22-Apr-08	Kitchen Tap	ND (0.50)	237	6-Mar-09	Kitchen Tap	ND (0.50)			NS		237	18-Jul-13	Kitchen Tap	ND (0.50)
201	VVO-1	237-D	22 /\pi 00	raterieri rap	ND (0.50)	237-D	o Mai oo	Table 1 Tap	ND (0.50)			110		237-D	10 001 10	τιιοποίτ ταρ	ND (0.50)
239				NS		239	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
200						239-D	ΤΑΡΙΤΙ	Talenon rap	ND (0.50)								
240	W64	NS				240	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
240	VVO-1			110		240-D	ΤΑΡΙΤΙ	raterieri rap	ND (0.50)			110			11		
241		NS				241	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
241				110		241-D	1-Αρι-11	Kitchen rap	ND (0.50)			110			11	10	
245	W35	245	29-Feb-08	Kitchen Tap	ND (0.50)	245	10-Mar-09	Kitchen Tap	ND (0.50)	245	18-Aug-11	Kitchen Tap	ND (0.50)	245	18-Jul-13	Kitchen Tap	ND (0.50)
240	***************************************	245-D	2010000	raterieri rap	ND (0.50)	245-D	TO Mai 03	rationen rap	ND (0.50)	245-D	10 Aug 11	ratorieri rap	ND (0.50)	245-D	10 001 10	τιιοποίτ ταρ	ND (0.50)
254	W21	254	6-Feb-08	Kitchen Tap	ND (0.50)	254	5-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
204	VVZ 1	254-D	0 1 00 00	Tationen Tap	ND (0.50)	254-D	o Mai oo	Table 1 Tap	ND (0.50)			110			11		
260	Unknown	260	5-Dec-07	Outside Tap	ND (0.50)	260	10-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
200	OTHATOWIT	260-D	0 200 01	Outoido Tap	ND (0.50)	260-D	To Mar 00	ration rap	ND (0.50)	NS						.0	
266	W36	266	4-Feb-08	Outside Tap	ND (0.50)	266	6-Mar-09	Kitchen Tap	ND (0.50)	0.50) NS					N	IS	
200	*****	266-D	+ 1 CD-00	Οιιδίας Γαρ	ND (0.50)	266-D	O IVIAI-03	ταιοποίτ ταρ	ND (0.50)	(0.50)					11		
300	Unknown	300	25-Oct-08	Kitchen Tap	ND (0.50)	300	12-Mar-09	Kitchen Tap	ND (0.50)	(0.50) NS					N	IS	
300	JIMIOWII	300-D	20-001-00	таконен тар	ND (0.50)	300-D	12-10141-09	Michell Tap	ND (0.50)	NS NS					IN		

- 1 Connection to private wells based on information provided by interviewed residents.
- 2 Data Qualified on the Laboratory Analytical Report for 28-D: Sample Contained Headspace
- 3 Data Qualified on the Laboratory Analytical Report for 108-D: Sample as received was not preserved in accordance with the analytical method, pH=6
- 4 Data Qualified on the Laboratory Analytical Report: Lab QC samples were out of range, however there were no detections in the compounds qualified
- 5 This location is currently served by an alternative water supply; this sample result reflects concentrations of constituents in the alternative water supplied to the residence
- 6 This location is served by water from the City of Ontario system; this sample result reflects concentrations of constituents in water supplied

Table 8
Private Property Sampling Results - 1,1,1-Trichloroethane (1,1,1-TCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA
1	W26	1	24-Apr-08	Dairy Tap	ND (0.50)	1	10-Mar-09	Dairy Tap	ND (0.50)		1	NS			N	S	
		1-D	,	, ,	ND (0.50)	1-D		, ,	ND (0.50)								
2	Unknown	2	25-Oct-08	House Tap	ND (0.50)		1	NS			1	NS			N	S	
		2-D			ND (0.50)				ND (0.50)					2			ND (0.50)
3	W42	3 3-D	27-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	3 3-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS		3 3-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
		4			ND (0.50)	4			ND (0.50)	4			ND (0.50)	3-D 4			ND (0.50)
4	W37	4-D	4-Oct-08	Kitchen Tap	ND (0.50)	4-D	7-Mar-09	Kitchen Tap	ND (0.50)	4-D	21-Dec-11	Kitchen Tap	ND (0.50)	4-D	17-Jul-13	Kitchen Tap	ND (0.50)
_	14/00	5	4.0.4.00	р. т	ND (0.50)	5	7.14 00	57	ND (0.50)			10		5	4.4.40	IZ: I T	ND (0.50)
5	W38	5-D	4-Oct-08	Dairy Tap	ND (0.50)	5-D	7-Mar-09	Hose Bib	ND (0.50)		ſ	NS		5-D	1-Aug-13	Kitchen Tap	ND (0.50)
6		6	4-Oct-08	Dairy Tap	ND (0.50)	6	19-Mar-09	Restroom Tap	ND (0.50)			NS		6	ND (0.50)		
	W41	6-D	4-001-00	Daily Tap	ND (0.50)	6-D	13-IVIAI-03	restroom rap	ND (0.50)		·	10		6-D	ND (0.50)		
7		7	25-Oct-08	Outside Tap	ND (0.50)	7	7-Mar-09	Outside Tap	ND (0.50)		1	NS			N	S	
		7-D		·	ND (0.50)	7-Mar-09 Outside Tap NS ND (0.50)						T					
9				NS			ı	NS		9 9-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	S	
10	W66			NS				NS		10	- 29-Aug-11	Kitchen Tap	ND (0.50)		N	<u> </u>	
10	VVOO			INO				NO		10-D	29-Aug-11	Michell Tap	ND (0.50)		IN	<u> </u>	
11				NS			1	NS		11	29-Aug-11	Kitchen Tap	ND (0.50)	-	N	S	
		12			ND (0.50)	12			ND (0.50)	11-D 12			ND (0.50) ND (0.50)	12	1		ND (0.50)
12	W7	12-D	7-Feb-08	Dairy Tap	ND (0.50)	12-D	6-Mar-09	Dairy Tap	ND (0.50)	12-D	- 24-Aug-11	Kitchen Tap	ND (0.50)	12-D	6-Aug-13	Well Supply	ND (0.50)
		13			ND (0.50)				` ′		<u>-</u>		, ,				, ,
13		13-D	25-Oct-08	House Tap	ND (0.50)			NS			ſ	NS			N	S	
14	W6	14	25-Oct-08	Kitchen Tap	ND (0.50)			NS			1	NS			N	S	
14	VVO	14-D	25-001-00	Michell Tap	ND (0.50)	NS NS					ı	10			IN		
15		15	11-Dec-07	House Tap	ND (0.50)	(0.50) 15 S-Mar-09 Kitchen Tap ND (0.50)					1	NS			N	S	
		15-D		1	ND (0.50)	(0.50) 15-D ND (0.50) (0.50) ND (0.50)											
17	W5	17	6-Feb-08	Kitchen Tap	ND (0.50)	17	5-Mar-09	Outside Tap	ND (0.50)		1	NS			N	S	
		17-D			ND (0.50) 17-D ND (0.50) ND (0.50)												
18	Unknown	18 18-D	27-Jun-08	Outside Tap	ND (0.50) ND (0.50) NS						S						
		ט-טי			14D (0.30)												

Table 8
Private Property Sampling Results - 1,1,1-Trichloroethane (1,1,1-TCA)
Ontario, California

	Private Well		Round 1 (	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA
19	W1	19 19-D	3-Dec-07	House Tap	ND (0.50) ND (0.50)	19 19-D	5-Mar-09	House Tap	ND (0.50) ND (0.50)		ı	NS			N	S	
21	W40	21 21-D	1-May-08	Outside Tap	ND (0.50) ND (0.50)	21 21-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
28	W2	28 28-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	28 28-D	6-Mar-09	Kitchen Tap <sup>2</sup>	ND (0.50) ND (0.50)			NS			N	S	
30		30 30-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
32	W3	32 32-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)	32 32-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS					
40	Unknown		1	NS			ļ	NS				NS		40-D 29-Jul-13 Kitchen Tap NE			ND (0.50) ND (0.50)
41		41 41-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	41 41-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS		41 41-D	29-Jul-13	Well Supply	ND (0.50) ND (0.50)
42	W4	42 42-D	22-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	42 42-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
43		43 43-D	22-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	43 43-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
44	Unknown	44 44-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	44 44-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		44 44-D	26-Jul-13	Well Supply	ND (0.50) ND (0.50)
45	Unknown	45 45-D	27-Sep-08	House Tap	ND (0.50) ND (0.50)	45 45-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS			N	S	
46	Unknown	46 46-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
48	W48	48 48-D	16-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	48 48-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	ND (0.50) NS				48 48-D	25-Jul-13	Well Supply	ND (0.50) ND (0.50)
49	Unknown	49 49-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	ND (0.50) 49 ND (0.50) 49-D 22-Aug-11 Kitchen Tap			ND (0.50) ND (0.50)		N	S	
50	W25	50 50-D	4-Feb-08	Outside Tap	ND (0.50) ND (0.50)	50 50-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	50 50-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS			
51	Unknown	51 51-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)	51 51-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	51 51-D	8-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	NS NS			

Table 8
Private Property Sampling Results - 1,1,1-Trichloroethane (1,1,1-TCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA
52	W22	52 52-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	52 52-D	11-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	S	
		53 53-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
53		53 53-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
54	W24	54 54-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	54 54-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
55		55 55-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	55 55-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
56		56 56-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	56 56-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		56 25-Jul-13 Outside Tap NE NS			
57	Unknown	57 57-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	57 57-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS			
59	W59	59 59-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	59 59-D	7-Mar-09	Outside Tap	ND (0.50) ND (0.50)	59 59-D	- 12-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	59 25-Jul-13 Well Supply			ND (0.50) ND (0.50)
61	Unknown	61 61-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	61 61-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
62	W62	62 62-D	1-May-08	Barn Tap	ND (0.50) ND (0.50)	62 62-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
63	W126			NS				NS				NS		63 63-D	29-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
64	VV 120			NS				NS				NS		64 64-D	29-Jul-13	Non- Residential Kitchen Tap	ND (0.50) ND (0.50)
65	Unknown	65 65-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	65 65-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
66	Unknown	NS				66 66-D	8-Oct-09	Kitchen Tap	ND(0.50) ND(0.50)	66 66-D	- 17-Aug-11	Kitchen Tap	ND(0.50) ND(0.50)		N	S	
67	Unknown	67 67-D	1-Jul-08	Bathroom Tap	ND (0.50) ND (0.50)	67 67-D	11-Mar-09	Bathroom Tap	ND (0.50) ND (0.50)			NS			N	S	
68	Unknown			NS				NS		68 68-D	- 12-Sep-11	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)		N	S	

Table 8
Private Property Sampling Results - 1,1,1-Trichloroethane (1,1,1-TCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)		
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	
69	Unknown			NS			ı	NS		69 69-D	8-Sep-11	Non-Residential Kitchen Tap	ND (0.50) <sup>6</sup> ND (0.50) <sup>6</sup>		N	S		
72	W40	72 72-D	- 1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	72 72-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		72 72-D	29-Jul-13	Well Supply	ND (0.50) ND (0.50)	
73	W12	73 73-D	- 4-Oct-08	House Tap	ND (0.50) ND (0.50)	73 73-D	12-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	S		
74		74 74-D	- 25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	74 74-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	S		
75		75 75-D	- 25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	75 75-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S		
76	W14	76 76-D	- 25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	76 76-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS ND				
77		77 77-D	- 25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	77 77-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS		18-Jul-13 Outside Tap				
78	W07	78 78-D	4-Oct-08	Outside Tap	ND (0.50) ND (0.50)	78 78-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	78 78-D	12-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)		18-Jul-13 Outside Tap			
79	W27	79 79-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	79 79-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S		
81	Unknown	81 81-D	- 18-Apr-08	Outside Tap	ND (0.50) ND (0.50)	81 81-D	12-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	S		
84	W13	84 84-D	- 24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	84 84-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		84 84-D	18-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)	
86	W28	86 86-D	4-Oct-08	House Tap	ND (0.50) ND (0.50)	86 86-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	86 86-D	17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	86 86-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)	
95	W29	95 95-D	4-Feb-08	Dairy Tap	ND (0.50) ND (0.50)	95 95-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S		
96	Unknown	96 96-D	4-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	96 96-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		96 1-Aug-13 Kitchen Tap NI				
98	W404			NS			I	NS		98 98-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S		
99	W124			NS			1	NS		99 99-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S		

Table 8
Private Property Sampling Results - 1,1,1-Trichloroethane (1,1,1-TCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA
101	W125			NS			ı	NS			ı	NS		101 101-D	18-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
102		102 102-D	4-Dec-08	Kitchen Tap	ND (0.50) ND (0.50)	102 102-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)		I	NS			N	S	
102		102 102-D	17-Dec-08	Kitchen Tap (RO)	ND (0.50) ND (0.50)		1	NS			1	NS			N	S	
104	W15	104 104-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)			NS			ı	NS			N	S	
105		105 105-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	105 105-D	12-Mar-09	Outside Tap	ND (0.50) ND (0.50)		l	NS			N	S	
		105 105-D	17-Dec-08	ND (0.50) 106 ND (0.50) 106								N	S				
106	Unknown	105-D ND (0				106 106-D	- 1-Oct-09	Outside Tap	ND (0.50) ND (0.50)	106 106-D	- 8-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	106 106-D	19-Jul-13	Well Supply	ND (0.50) ND (0.50)
107	Unknown	107 107-D	5-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	107 107-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS		107 107-D	19-Jul-13	Non- Residential Kitchen Tap	ND (0.50) ND (0.50)
108	Unknown	108 108-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	108 108-D	5-Mar-09	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)		I	NS					
109	Unknown			NS		109 109-D	- 5-Jan-10	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)		I	NS			N	S	
111	Unknown			NS			1	NS		111 111-D	27-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	111 111-D	6-Aug-13	Well Supply	ND (0.50) ND (0.50)
112	Unknown	NS					1	NS		112 112-D	- 18-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	112 112-D	13-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
113	W16	113 113-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	113 113-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	17-Aug-11 Kitchen Tap			ND (0.50) ND (0.50)	113 113-D	13-Aug-13	Barn Tap	ND (0.50) ND (0.50)
114	W10	114 114-D	- 1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	114 114-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS NS					
115	**10	115 115-D	7-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	115 115-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS			N	S	

Table 8
Private Property Sampling Results - 1,1,1-Trichloroethane (1,1,1-TCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA
446	W9	116 116-D	15-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	116 116-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ļ	NS			N	S	
116	vv9		ļ	NS		116-W 116-WD	6-Mar-09	Drinking Water Tap	ND (0.50) ND (0.50)		ļ	NS			N	S	
117	W39	117 117-D	24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	117 117-D	19-Mar-09	House Tap	ND (0.50) ND (0.50)		Í	NS			N	S	
118	W18	118 118-D	24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	118 118-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		,	NS		118 118-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
119		119 119-D	3-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
121	W17	121 21-Dec-07 Kitchen Tap ND (0 ND (0 122 21-Dec-07 Kitchen Tap ND (0 ND				121 121-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		l	NS			N	S	
122		122 122-D 21-Dec-07 Kitchen Tap ND (0 ND (0 ND (0				122 122-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ĺ	NS			N	S	
127	W19	122-D 21-Dec-07 Kitchen Tap ND (0				127 127-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ĺ	NS		127 127-D	17-Jul-13	Well Supply	ND (0.50) ND (0.50)
128	W32	128 128-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	18-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
129	Unknown		ı	NS			ı	NS			ı	NS	_	129 129-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
130	Unknown		ı	NS			ı	NS		130 130-D	- 1-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	130 130-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
131	W30	131 131-D	24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	23-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
134	W33	131-D ND (0.5 134 134-D 7-Feb-08 Kitchen Tap ND (0.5 ND (0.5				134 134-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)		,	NS	=	134 134-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
135	Unknown		,	NS		135 135-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)		,	NS		135 135-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
136	W63		1	NS		136 136-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)		1	NS			N	S	
137	VVO3		NS				1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)			NS		137 137-D	19-Jul-13	Well Supply	ND (0.50) ND (0.50)

Table 8
Private Property Sampling Results - 1,1,1-Trichloroethane (1,1,1-TCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA
138	Unknown			NS				NS		138 138-D	- 11-Jan-12	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
139	W65			NS				NS		139 139-D	- 17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
140	W03			NS				NS		140 140-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
141	Unknown			NS				NS			1	NS		141 141-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
143	W35	143 143-D	3-Mar-08	Kitchen Tap	ND (0.50) ND (0.50)	143 143-D	19-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	143 143-D	- 18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
144	***35	144 144-D	29-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	144 144-D	19-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	144 144-D	- 18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS NS			
145	Unknown	145 145-D	4-Feb-08	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	145 145-D	19-Feb-09	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	145 145-D	21-Dec-11	Office Kitchen Tap	ND (0.50) ND (0.50)	- NS			
150	Unknown	150 150-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)	-		NS			ĺ	NS			N	S	
150	Unknown	150(I) 150(I)-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	150(I) 150(I)-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)						N	S	
162	Unknown			NS				NS		165 165-D	17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	162 162-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
164	Unknown			NS				NS			ı	NS		166A 166A-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
166	Unknown			NS				NS		166 166-D	- 31-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
208	W8	208 208-D	3-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	208 208-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS			N	S	
217	W11	217 217-D	11-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	217 217-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	NS NS							
222	W20	222 222-D	6-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	222 222-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)		ĺ	NS		NS			
227	W31	227 227-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)

Table 8
Private Property Sampling Results - 1,1,1-Trichloroethane (1,1,1-TCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA	Sample ID	Sample Date	Sample Location	1,1,1-TCA
234	Unknown	234	6-Dec-07	Dairy Sink	ND (0.50)	234	19-Feb-09	Kitchen Tap⁴	ND (0.50)	234	8-Sep-11	Kitchen Tap	ND (0.50) <sup>6</sup>	234	18-Jul-13	Outside Tap	ND (0.50)
204	OTIKITOWIT	234-D	0-060-07	Daily Silik	ND (0.50)	234-D	19-1 60-09	киспен тар	ND (0.50)	234-D	0-Зер-11	Michell Tap	ND (0.50) <sup>6</sup>	234-D	10-341-13	Outside Tap	ND (0.50)
237	W34	237	22-Apr-08	Kitchen Tap	ND (0.50)	237	6-Mar-09	Kitchen Tap	ND (0.50)			NS		237	18-Jul-13	Kitchen Tap	ND (0.50)
201	770-1	237-D	22 /\pi 00	raterieri rap	ND (0.50)	237-D	o iviai oo	ratorion rap	ND (0.50)			110		237-D	10 001 10	Tatorieri Tap	ND (0.50)
239				NS		239	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
200						239-D	17,011	Talenon rap	ND (0.50)								
240	W64	NS				240	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
210						240-D	17,011	Talenon rap	ND (0.50)								
241		NS				241	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
						241-D		о	ND (0.50)		•		•				
245	W35	245	29-Feb-08	Kitchen Tap	ND (0.50)	245	10-Mar-09	Kitchen Tap	ND (0.50)	245	18-Aug-11	Kitchen Tap	ND (0.50)	245	18-Jul-13	Kitchen Tap	ND (0.50)
		245-D			ND (0.50)	245-D			ND (0.50)	245-D	- 1		ND (0.50)	245-D			ND (0.50)
254	W21	254	6-Feb-08	Kitchen Tap	ND (0.50)	254	5-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
		254-D			ND (0.50)	254-D			ND (0.50)								
260	Unknown	260	5-Dec-07	Outside Tap	ND (0.50)	260	10-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
		260-D			ND (0.50)	260-D			ND (0.50)	NS							
266	W36	266	4-Feb-08	Outside Tap	ND (0.50)	266	6-Mar-09	Kitchen Tap	ND (0.50)	NS NS					N	IS	
		266-D		2 333333 2 336	ND (0.50)	266-D	5		ND (0.50)	(0.50)						-	
300	Unknown	300	25-Oct-08	Kitchen Tap	ND (0.50)	300	12-Mar-09	Kitchen Tap	ND (0.50)	NS NS					N	IS	
300	C	300-D	20 00.00		ND (0.50)	300-D			ND (0.50)	NS NS						<del></del>	

- 1 Connection to private wells based on information provided by interviewed residents.
- 2 Data Qualified on the Laboratory Analytical Report for 28-D: Sample Contained Headspace
- 3 Data Qualified on the Laboratory Analytical Report for 108-D: Sample as received was not preserved in accordance with the analytical method, pH=6
- 4 Data Qualified on the Laboratory Analytical Report: Lab QC samples were out of range, however there were no detections in the compounds qualified
- 5 This location is currently served by an alternative water supply; this sample result reflects concentrations of constituents in the alternative water supplied to the residence
- 6 This location is served by water from the City of Ontario system; this sample result reflects concentrations of constituents in water supplied

Table 9
Private Property Sampling Results - 1,1,2-Trichloroethane (1,1,2-TCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA
1	W26	1 1-D	24-Apr-08	Dairy Tap	ND (0.50) ND (0.50)	1 1-D	10-Mar-09	Dairy Tap	ND (0.50) ND (0.50)			NS			N	IS	
2	Unknown	2 2-D	25-Oct-08	House Tap	ND (0.50) ND (0.50)			NS				NS			N	IS	
3	W42	3 3-D	27-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	3 3-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS		3 3-D	- 17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
4	W37	4 4-D	4-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	- 21-Dec-11	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	- 17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
5	W38	5 5-D	4-Oct-08	Dairy Tap	ND (0.50) ND (0.50)	5 5-D	7-Mar-09	Hose Bib	ND (0.50) ND (0.50)			NS		5 5-D	- 1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
6	11144	6 6-D	4-Oct-08	Dairy Tap	ND (0.50) ND (0.50)	6 6-D	19-Mar-09	Restroom Tap	ND (0.50) ND (0.50)		NS 6 17-Jul-13 Well supply					Well supply	ND (0.50) ND (0.50)
7	W41	7 7-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	50) 7 50) 7-D Outside Tap ND (0.50) NS ND (0.50)								N	S		
9				NS			1	NS		9 9-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	IS	
10	W66			NS			1	NS		10 10-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	IS	
11				NS				NS		11 11-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	IS	
12	W7	12 12-D	7-Feb-08	Dairy Tap	ND (0.50) ND (0.50)	12 12-D	6-Mar-09	Dairy Tap	ND (0.50) ND (0.50)	12 12-D	24-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	12 12-D	- 6-Aug-13	Well Supply	ND (0.50) ND (0.50)
13		13 13-D	25-Oct-08	House Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
14	W6	14 14-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	0 (0.50) 0 (0.50) NS					l	NS			N	IS	
15		15 15-D	11-Dec-07	House Tap	ND (0.50) ND (0.50)	(0.50)     15       (0.50)     15-D       Kitchen Tap     ND (0.50)       ND (0.50)       ND (0.50)						NS			N	IS	
17	W5	17 17-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	17 17-D	5-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	IS	
18	Unknown	18 18-D	27-Jun-08	Outside Tap	ND (0.50) ND (0.50)			NS				NS			N	IS	

Table 9
Private Property Sampling Results - 1,1,2-Trichloroethane (1,1,2-TCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA
19	W1	19 19-D	3-Dec-07	House Tap	ND (0.50) ND (0.50)	19 19-D	- 5-Mar-09	House Tap	ND (0.50) ND (0.50)		1	NS			N	S	
21	W40	21 21-D	1-May-08	Outside Tap	ND (0.50) ND (0.50)	21 21-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
28	W2	28 28-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	28 28-D	6-Mar-09	Kitchen Tap <sup>2</sup>	ND (0.50) ND (0.50)			NS			N	S	
30	W3	30 30-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
32	WS	32 32-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)	32 32-D	- 6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS			N	S	
40	Unknown			NS			I	NS			I	NS		40-D 29-Jul-13 Kitchen Tap NI  41 29-Jul-13 Well Supply			ND (0.50) ND (0.50)
41		41 41-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	41 41-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		l	NS		41 29-Jul-13 Well Supply			ND (0.50) ND (0.50)
42	W4	42 42-D	22-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	42 42-D	- 5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS		29-Jul-13 Well Supply			
43		43 43-D	22-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	43 43-D	- 5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS			N	S	
44	Unknown	44 44-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	44 44-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS		44 44-D	26-Jul-13	Well Supply	ND (0.50) ND (0.50)
45	Unknown	45 45-D	27-Sep-08	House Tap	ND (0.50) ND (0.50)	45 45-D	- 10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		İ	NS			N	S	
46	Unknown	46 46-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS			ı	NS			N	S	
48	W48	48 48-D	16-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	48 48-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS		48 48-D	25-Jul-13	Well Supply	ND (0.50) ND (0.50)
49	Unknown	49 49-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS			
50	W25	50 50-D	4-Feb-08	Outside Tap	ND (0.50) ND (0.50)	50 50-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	50 50-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS NS			
51	Unknown	51 51-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)	51 51-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	51 51-D	8-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	5 NS			

Table 9
Private Property Sampling Results - 1,1,2-Trichloroethane (1,1,2-TCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			NS			
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date		1,1,2-TCA	
52	W22	52 52-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	52 52-D	11-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	IS		
		53 53-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)			NS				NS			N	IS		
53		53 53-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	IS		
54	W24	54 54-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	54 54-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS		
55		55 55-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	55 55-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS		
56		56 56-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	56 56-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		56-D 25-Jul-13 Outside Tap ND			ND (0.50) ND (0.50)	
57	Unknown	57 57-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	57 57-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS				
59	W59	59 59-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	59 59-D	7-Mar-09	Outside Tap	ND (0.50) ND (0.50)	59 59-D	- 12-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	59 25-Jul-13 Well Supply			ND (0.50) ND (0.50)	
61	Unknown	61 61-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	61 61-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS		
62	W62	62 62-D	1-May-08	Barn Tap	ND (0.50) ND (0.50)	62 62-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS		
63	W126			NS				NS				NS		63 63-D	- 29-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)	
64	VV 120			NS				NS				NS		64 64-D	- 29-Jul-13	Residential	ND (0.50) ND (0.50)	
65	Unknown	65 65-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	65 65-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	IS		
66	Unknown		_	NS		66 66-D	8-Oct-09	Kitchen Tap	ND(0.50) ND(0.50)	66 66-D	- 17-Aug-11	Kitchen Tap	ND(0.50) ND(0.50)	- NS				
67	Unknown	67 67-D	1-Jul-08	Bathroom Tap	ND (0.50) ND (0.50)	67 67-D	11-Mar-09	Bathroom Tap	ND (0.50) ND (0.50)			NS		NS				
68	Unknown			NS				NS		68 68-D	- 12-Sep-11	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	NS				

Table 9
Private Property Sampling Results - 1,1,2-Trichloroethane (1,1,2-TCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			T2		
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date		1,1,2-TCA
69	Unknown			NS			ı	NS		69 69-D	8-Sep-11	Non-Residential Kitchen Tap	ND (0.50) <sup>6</sup> ND (0.50) <sup>6</sup>		\$	8	
72	W40	72 72-D	- 1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	72 72-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		72 72-D	29-Jul-13	Well Supply	ND (0.50) ND (0.50)
73	W12	73 73-D	4-Oct-08	House Tap	ND (0.50) ND (0.50)	73 73-D	12-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	S	
74		74 74-D	- 25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	74 74-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	S	
75		75 75-D	- 25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	75 75-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
76	W14	76 76-D	- 25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	76 76-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		77 ND 18-Jul-13 Outside Tap			
77		77 77-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	77 77-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS		77 ND 18-Jul-13 Outside Tap			ND (0.50) ND (0.50)
78	W07	78 78-D	4-Oct-08	Outside Tap	ND (0.50) ND (0.50)	78 78-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	78 78-D	12-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	77-D 18-Jul-13 Outside Tap ND			
79	W27	79 79-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	79 79-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
81	Unknown	81 81-D	- 18-Apr-08	Outside Tap	ND (0.50) ND (0.50)	81 81-D	12-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	S	
84	W13	84 84-D	- 24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	84 84-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		84 84-D	18-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
86	W28	86 86-D	4-Oct-08	House Tap	ND (0.50) ND (0.50)	86 86-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	86 86-D	17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	86 86-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
95	W29	95 95-D	4-Feb-08	Dairy Tap	ND (0.50) ND (0.50)	95 95-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
96	Unknown	96 96-D	4-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	96 96-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		1-Aug-13 Kitchen Tap			ND (0.50) ND (0.50)
98	W124			NS				NS		98 98-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	- NS			
99	vv 124			NS			1	NS		99 99-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	

Table 9
Private Property Sampling Results - 1,1,2-Trichloroethane (1,1,2-TCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA
101	W125			NS				NS				NS		101 101-D	- 18-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
400		102 102-D	4-Dec-08	Kitchen Tap	ND (0.50) ND (0.50)	102 102-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	IS	
102		102 102-D	17-Dec-08	Kitchen Tap (RO)	ND (0.50) ND (0.50)			NS				NS			N	IS	
104	W15	104 104-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	IS	
105		105 105-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	105 105-D	12-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	IS	
105		105 105-D	17-Dec-08	Kitchen Tap (RO)	ND (0.50) ND (0.50)			NS				NS		NS  106  19-Jul-13 Well Supply			
106	Unknown			NS		106 106-D	1-Oct-09	Outside Tap	ND (0.50) ND (0.50)	106 106-D	- 8-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	106 106-D	ND (0.50) ND (0.50)		
107	Unknown	107 107-D	5-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	107 107-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS	-	107 107-D	- 19-Jul-13	Non- Residential Kitchen Tap	ND (0.50) ND (0.50)
108	Unknown	108 108-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	108 108-D	- 5-Mar-09	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)			NS			N	IS	
109	Unknown			NS		109 109-D	- 5-Jan-10	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)			NS			N	IS	
111	Unknown			NS				NS		111 111-D	- 27-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	111 111-D	- 6-Aug-13	Well Supply	ND (0.50) ND (0.50)
112	Unknown			NS				NS		112 112-D	- 18-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	112 112-D	- 13-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
113	W16	113 113-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	113 113-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	ND (0.50) 113 No. 17-Aug-11 Kitchen Tap				113 113-D	- 13-Aug-13	Barn Tap	ND (0.50) ND (0.50)
114	W10	114 114-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	114 114-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS			
115	VV IO	115 115-D	7-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	115 115-D	- 6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS			

Table 9
Private Property Sampling Results - 1,1,2-Trichloroethane (1,1,2-TCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA
116	W9	116 116-D	15-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	116 116-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ļ	NS			N	S	
110	W		11	16(A)		116-W 116-WD	6-Mar-09	Drinking Water Tap	ND (0.50) ND (0.50)		Í	NS			N	S	
117	W39	117 117-D	24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	117 117-D	19-Mar-09	House Tap	ND (0.50) ND (0.50)		ı	NS			N	S	
118	W18	118 118-D	24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	118 118-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS		118 118-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
119		119 119-D	3-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
121	W17	121 121-D	21-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	121 121-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS			N	S	
122		122 122-D	21-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	122 122-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS			N	S	
127	W19	127 127-D	16-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	127 127-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS		127 127-D	17-Jul-13	Well Supply	ND (0.50) ND (0.50)
128	W32	128 128-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	- 18-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
129	Unknown			NS			1	NS			1	NS		129 129-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
130	Unknown			NS			1	NS		130 130-D	- 1-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	130 130-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
131	W30	131 131-D	24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	- 23-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
134	W33	134 134-D	7-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	134 134-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)		l	NS		134 134-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
135	Unknown			NS		135 135-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)		I	NS		135 135-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
136	W63			NS		136 136-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)		1	NS			N	S	
137	VVOS			NS		137 137-D	1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)			NS		137 137-D	19-Jul-13	Well Supply	ND (0.50) ND (0.50)

Table 9
Private Property Sampling Results - 1,1,2-Trichloroethane (1,1,2-TCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA
138	Unknown			NS				NS		138 138-D	- 11-Jan-12	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
139	W65			NS				NS		139 139-D	- 17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
140	W03			NS				NS		140 140-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
141	Unknown			NS				NS			1	NS		141 141-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
143	W35	143 143-D	3-Mar-08	Kitchen Tap	ND (0.50) ND (0.50)	143 143-D	19-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	143 143-D	- 18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
144	***	144 144-D	29-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	144 144-D	19-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	144 144-D	- 18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
145	Unknown	145 145-D	4-Feb-08	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	145 145-D	19-Feb-09	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	145 145-D	21-Dec-11	Office Kitchen Tap	ND (0.50) ND (0.50)	) )			
150	Unknown	150 150-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)			NS			İ	NS		NS NS			
150	Unknown	150(I) 150(I)-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	150(I) 150(I)-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
162	Unknown			NS				NS		165 165-D	- 17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	162 162-D	- 1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
164	Unknown			NS				NS			ı	NS		166A 166A-D	- 19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
166	Unknown			NS				NS		166 166-D	- 31-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
208	W8	208 208-D	3-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	208 208-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS			N	S	
217	W11	217 217-D	11-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	217 217-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS		NS			
222	W20	222 222-D	6-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	222 222-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS			
227	W31	227 227-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	- 18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	- 6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)

Table 9
Private Property Sampling Results - 1,1,2-Trichloroethane (1,1,2-TCA)
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA	Sample ID	Sample Date	Sample Location	1,1,2-TCA
234	Unknown	234	6-Dec-07	Dairy Sink	ND (0.50)	234	19-Feb-09	Kitchen Tap <sup>4</sup>	ND (0.50)	234	8-Sep-11	Kitchen Tap	ND (0.50) <sup>6</sup>	234	18-Jul-13	Outside Tap	ND (0.50)
204	OTIKITOWIT	234-D	0-Dec-01	Daily Silik	ND (0.50)	234-D	19-1 60-09	Kitchen Tap	ND (0.50)	234-D	0-3ер-11	Michell Tap	ND (0.50) <sup>6</sup>	234-D	10-341-13	Outside Tap	ND (0.50)
237	W34	237	22-Apr-08	Kitchen Tap	ND (0.50)	237	6-Mar-09	Kitchen Tap	ND (0.50)			NS		237	18-Jul-13	Kitchen Tap	ND (0.50)
201	770-1	237-D	22 /\pi 00	raterieri rap	ND (0.50)	237-D	o iviai oo	Tationen Tap	ND (0.50)			110		237-D	10 001 10	Tationeri Tap	ND (0.50)
239				NS		239	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
200						239-D	1 / (p) 11	Talonon rap	ND (0.50)								
240	W64			NS		240	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
240	VVO-1			110		240-D	Τηριτι	ratelleri rap	ND (0.50)			110			11		
241				NS		241	1-Apr-11	Kitchen Tap	ND (0.50)			NS			N	IS	
241				110		241-D	1-Αρι-11	Ritchen Tap	ND (0.50)			110			11	10	
245	W35	245	29-Feb-08	Kitchen Tap	ND (0.50)	245	10-Mar-09	Kitchen Tap	ND (0.50)	245	18-Aug-11	Kitchen Tap	ND (0.50)	245	18-Jul-13	Kitchen Tap	ND (0.50)
240	***************************************	245-D	2010000	raterieri rap	ND (0.50)	245-D	TO Mar 03	rationen rap	ND (0.50)	245-D	10 Aug 11	ratorieri rap	ND (0.50)	245-D	10 001 10	Tationer Tap	ND (0.50)
254	W21	254	6-Feb-08	Kitchen Tap	ND (0.50)	254	5-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
204	VVZ 1	254-D	0 1 00 00	Tationen Tap	ND (0.50)	254-D	o iviai oo	Table 1 Tap	ND (0.50)			110			11		
260	Unknown	260	5-Dec-07	Outside Tap	ND (0.50)	260	10-Mar-09	Kitchen Tap	ND (0.50)			NS			N	IS	
200	OTIKITOWIT	260-D	0 000 01	Outside Tup	ND (0.50)	260-D	TO Mar 03	ratelleri rap	ND (0.50)	— NS					11		
266	W36	266	4-Feb-08	Outside Tap	ND (0.50)	266	6-Mar-09	Kitchen Tap	ND (0.50)	0.50) NS					N	IS	
200	*****	266-D	Ŧ I OD OO	Odtoldo Tap	ND (0.50)	266-D	o iviai oo	ταιοποίτ ταρ	ND (0.50)	(0.50)					11		
300	Unknown	300	25-Oct-08	Kitchen Tap	ND (0.50)	300	12-Mar-09	Kitchen Tap	ND (0.50)	0 (0.50) NS					N	IS	
300	OTINITOWIT	300-D	20-000-00	Tatorieri Tap	ND (0.50)	300-D	12-10141-09	ταιοποίτ ταρ	ND (0.50)	NS NS					IV.		

- 1 Connection to private wells based on information provided by interviewed residents.
- 2 Data Qualified on the Laboratory Analytical Report for 28-D: Sample Contained Headspace
- 3 Data Qualified on the Laboratory Analytical Report for 108-D: Sample as received was not preserved in accordance with the analytical method, pH=6
- 4 Data Qualified on the Laboratory Analytical Report: Lab QC samples were out of range, however there were no detections in the compounds qualified
- 5 This location is currently served by an alternative water supply; this sample result reflects concentrations of constituents in the alternative water supplied to the residence
- 6 This location is served by water from the City of Ontario system; this sample result reflects concentrations of constituents in water supplied

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride
1	W26	1 1-D	24-Apr-08	Dairy Tap	ND (0.50) ND (0.50)	1 1-D	10-Mar-09	Dairy Tap	ND (0.50) ND (0.50)	-	ı	NS			N	IS	
2	Unknown	2 2-D	25-Oct-08	House Tap	ND (0.50) ND (0.50)		ı	NS			ı	NS			N	IS	
3	W42	3 3-D	27-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	3 3-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		1	NS		3 3-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
4	W37	4 4-D	4-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	21-Dec-11	Kitchen Tap	ND (0.50) ND (0.50)	4 4-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
5	W38	5 5-D	4-Oct-08	Dairy Tap	ND (0.50) ND (0.50)	5 5-D	7-Mar-09	Hose Bib	ND (0.50) ND (0.50)	-		NS		5 5-D	- 1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
6	10/44	6 6-D	4-Oct-08	Dairy Tap	ND (0.50) ND (0.50)	6 6-D	19-Mar-09	Restroom Tap	ND (0.50) ND (0.50)		ı	NS		6 17-Jul-13 Well supply ND			
7	W41	7 7-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	7 7-D	7-Mar-09	Outside Tap	ND (0.50) ND (0.50)	-	,	NS		NS			
9				NS			,	NS		9 9-D	29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	IS	
10	W66			NS			,	NS		10 10-D	29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	IS	
11				NS			1	NS		11 11-D	- 29-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	-	N	IS	
12	W7	12 12-D	7-Feb-08	Dairy Tap	ND (0.50) ND (0.50)	12 12-D	6-Mar-09	Dairy Tap	ND (0.50) ND (0.50)	12 12-D	24-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	12 12-D	- 6-Aug-13	Well Supply	ND (0.50) ND (0.50)
13		13 13-D	25-Oct-08	House Tap	ND (0.50) ND (0.50)			NS				NS			N	S	
14	W6	14 14-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	-	ı	NS			1	NS			N	IS	
15		15 15-D	11-Dec-07	House Tap	ND (0.50) ND (0.50)	(0.50) 15-D Kitchen Tap NS ND (0.50)							N	IS			
17	W5	17 17-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	17 17-D	5-Mar-09	Outside Tap	ND (0.50) ND (0.50)		1	NS			N	IS	
18	Unknown	18 18-D	27-Jun-08	Outside Tap	ND (0.50) ND (0.50) NS NS NS							IS					

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride
19	W1	19 19-D	3-Dec-07	House Tap	ND (0.50) ND (0.50)	19 19-D	5-Mar-09	House Tap	ND (0.50) ND (0.50)		ı	NS			N	S	
21	W40	21 21-D	1-May-08	Outside Tap	ND (0.50) ND (0.50)	21 21-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
28	W2	28 28-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	28 28-D	6-Mar-09	Kitchen Tap <sup>2</sup>	ND (0.50) ND (0.50)			NS			N	S	
30	W3	30 30-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS				NS			N	S	
32	vv3	32 32-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)	32 32-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		I	NS			N	S	
40	Unknown			NS			ı	NS			ا	NS		40-D 29-Jul-13 Kitchen Tap NE  41 29-Jul-13 Well Supply			ND (0.50) ND (0.50)
41		41 41-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	41 41-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		41 29-Jul-13 Well Supply			ND (0.50) ND (0.50)
42	W4	42 42-D	22-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	42 42-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		İ	NS		29-Jul-13 Well Supply			
43		43 43-D	22-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	43 43-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
44	Unknown	44 44-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	44 44-D	19-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ļ	NS		44 44-D	26-Jul-13	Well Supply	ND (0.50) ND (0.50)
45	Unknown	45 45-D	27-Sep-08	House Tap	ND (0.50) ND (0.50)	45 45-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		!	NS			N	S	
46	Unknown	46 46-D	18-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	-	İ	NS			ĺ	NS			N	S	
48	W48	48 48-D	16-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	48 48-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ا	NS		48 48-D	25-Jul-13	Well Supply	ND (0.50) ND (0.50)
49	Unknown	49 49-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	49 49-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS			
50	W25	50 50-D	4-Feb-08	Outside Tap	ND (0.50) ND (0.50)	50 50-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	50 50-D	22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS NS			
51	Unknown	51 51-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)	51 51-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	51 51-D	8-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	NS			

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			NS			
Location ID	Private Well ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date		Vinyl Chloride	
52	W22	52 52-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	52 52-D	11-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	S		
		53 53-D	27-Sep-08	Outside Tap	ND (0.50) ND (0.50)			NS				NS			N	S		
53		53 53-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)			NS				NS			N	S		
54	W24	54 54-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	54 54-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S		
55		55 55-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	55 55-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S		
56		56 56-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	56 56-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		56-D 25-Jul-13 Outside Tap ND			ND (0.50) ND (0.50)	
57	Unknown	57 57-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	57 57-D	- 11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		NS ND				
59	W59	59 59-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	59 59-D	- 7-Mar-09	Outside Tap	ND (0.50) ND (0.50)	59 59-D	- 12-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	59 25-Jul-13 Well Supply			ND (0.50) ND (0.50)	
61	Unknown	61 61-D	27-Sep-08	Kitchen Tap	ND (0.50) ND (0.50)	61 61-D	- 11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S		
62	W62	62 62-D	1-May-08	Barn Tap	ND (0.50) ND (0.50)	62 62-D	- 11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S		
63	W126			NS				NS				NS		63 63-D	- 29-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)	
64	VV 120			NS				NS				NS		64 64-D	29-Jul-13	Residential	ND (0.50) ND (0.50)	
65	Unknown	65 65-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	65 65-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S		
66	Unknown			66		66 66-D	8-Oct-09	Kitchen Tap	ND(0.50) ND(0.50)	66 66-D	- 17-Aug-11	Kitchen Tap	ND(0.50) ND(0.50)	- NS				
67	Unknown	67 67-D	1-Jul-08	Bathroom Tap	ND (0.50) ND (0.50)	67 67-D	- 11-Mar-09	Bathroom Tap	ND (0.50) ND (0.50)			NS		NS				
68	Unknown			NS				NS		68 68-D	- 12-Sep-11	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	NS NS				

	Drivete Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	Private Well ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride
69	Unknown			NS			ı	NS		69 69-D	8-Sep-11	Non-Residential Kitchen Tap	ND (0.50) <sup>6</sup> ND (0.50) <sup>6</sup>		N	S	
72	W40	72 72-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	72 72-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		72 72-D	29-Jul-13	Well Supply	ND (0.50) ND (0.50)
73	W12	73 73-D	4-Oct-08	House Tap	ND (0.50) ND (0.50)	73 73-D	12-Mar-09	Barn Tap	ND (0.50) ND (0.50)			NS			N	S	
74		74 74-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	74 74-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	S	
75		75 75-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	75 75-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
76	W14	76 76-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	76 76-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		18-Jul-13 Outside Tap			
77		77 77-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	77 77-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS		77 18-Jul-13 Outside Tap			ND (0.50) ND (0.50)
78	14/07	78 78-D	4-Oct-08	Outside Tap	ND (0.50) ND (0.50)	78 78-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	78 78-D	12-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	18-Jul-13 Outside Tap			
79	W27	79 79-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	79 79-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS			N	S	
81	Unknown	81 81-D	18-Apr-08	Outside Tap	ND (0.50) ND (0.50)	81 81-D	12-Mar-09	Outside Tap	ND (0.50) ND (0.50)			NS			N	S	
84	W13	84 84-D	24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	84 84-D	12-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		84 84-D	18-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
86	W28	86 86-D	4-Oct-08	House Tap	ND (0.50) ND (0.50)	86 86-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	86 86-D	17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	86 86-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
95	W29	95 95-D	4-Feb-08	Dairy Tap	ND (0.50) ND (0.50)	95 95-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		!	NS			N	S	
96	Unknown	96 96-D	4-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	96 96-D	11-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		1-Aug-13 Kitchen Tap			ND (0.50) ND (0.50)
98	W/4.0.4			NS				NS		98 98-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	– NS			
99	W124			NS				NS		99 99-D	26-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	

Table 10
Private Property Sampling Results - Vinyl Chloride
Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride
101	W125			NS			I	NS			I	NS		101 101-D	- 18-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
		102 102-D	4-Dec-08	Kitchen Tap	ND (0.50) ND (0.50)	102 102-D	19-Mar-09	Outside Tap	ND (0.50) ND (0.50)		ı	NS			N	IS	
102		102 102-D	17-Dec-08	Kitchen Tap (RO)	ND (0.50) ND (0.50)			NS				NS			N	IS	
104	W15	104 104-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)		l	NS			l	NS			N	IS	
105		105 105-D	25-Oct-08	Outside Tap	ND (0.50) ND (0.50)	105 105-D	12-Mar-09	Outside Tap	ND (0.50) ND (0.50)		l	NS			N	IS	
100		105 105-D	17-Dec-08	Kitchen Tap (RO)	ND (0.50) ND (0.50)		l	NS			ا	NS			N	IS	
106	Unknown			NS		106 106-D	1-Oct-09	Outside Tap	ND (0.50) ND (0.50)	106 106-D	8-Sep-11	Kitchen Tap	ND (0.50) <sup>5</sup> ND (0.50) <sup>5</sup>	106 106-D	- 19-Jul-13	Well Supply	ND (0.50) ND (0.50)
107	Unknown	107 107-D	5-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	107 107-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		l	NS		107 107-D	- 19-Jul-13	Non- Residential Kitchen Tap	ND (0.50) ND (0.50)
108	Unknown	108 108-D	25-Oct-08	Kitchen Tap	ND (0.50) ND (0.50)	108 108-D	5-Mar-09	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)		I	NS			N	IS	
109	Unknown			NS		109 109-D	5-Jan-10	Kitchen Tap <sup>3</sup>	ND (0.50) ND (0.50)		I	NS			N	IS	
111	Unknown			NS			I	NS		111 111-D	27-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	111 111-D	- 6-Aug-13	Well Supply	ND (0.50) ND (0.50)
112	Unknown			NS			l	NS		112 112-D	18-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	112 112-D	- 13-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
113	W16	113 113-D	25-Jun-08	Kitchen Tap	ND (0.50) ND (0.50)	113 113-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	D (0.50) 113-D 17-Aug-11 Kitchen Tap N				113 113-D	- 13-Aug-13	Barn Tap	ND (0.50) ND (0.50)
114	W10	114 114-D	1-Jul-08	Kitchen Tap	ND (0.50) ND (0.50)	114 114-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ı	NS		NS			
115	0	115 115-D	7-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	115 115-D	6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		l	NS		NS			

# Table 10 Private Property Sampling Results - Vinyl Chloride Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride
440	)A/O	116 ND (0.50) 116-D Kitchen Tap ND (0.50) ND (0.50)			116 116-D	- 6-Mar-09	09 Kitchen Tap ND (0.50)  ND (0.50)			NS			NS				
116	W9	NS		116-W 116-WD	- 6-Mar-09	Drinking Water Tap	ND (0.50) ND (0.50)		NS			NS					
117	W39	117 117-D	24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	117 117-D	19-Mar-09	House Tap	ND (0.50) ND (0.50)		ı	NS		NS			
118	W18	118 118-D	24-Apr-08	Outside Tap	ND (0.50) ND (0.50)	118 118-D	- 7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)			NS		118 118-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
119		119 119-D	3-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	- 5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	- 22-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	119 119-D	17-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
121	W17	121 121-D	21-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	121 121-D	- 5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	– NS			NS				
122		122 122-D	21-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	122 122-D	- 5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	- NS				NS			
127	W19	127 127-D	16-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	127 127-D	- 7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	- NS		127 127-D	17-Jul-13	Well Supply	ND (0.50) ND (0.50)		
128	W32	128 128-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	- 7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	- 18-Oct-11	Kitchen Tap	ND (0.50) ND (0.50)	128 128-D	6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
129	Unknown			NS				NS		NS			129 129-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)	
130	Unknown			NS				NS		130 130-D	- 1-Sep-11	Kitchen Tap	ND (0.50) ND (0.50)	130 130-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
131	W30	131 131-D	24-Apr-08	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	- 6-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	- 23-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	131 131-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
134	W33	134 134-D	7-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	134 134-D	- 26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	- NS		134 134-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)		
135	Unknown			NS		135 135-D	- 1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)	NS			135 135-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)	
136	W63			NS		136 136-D	- 1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)	NS NS				NS			
137	VV03			NS		137 137-D	- 1-Apr-11	Kitchen Tap	ND (0.50) ND (0.50)			NS		137 137-D	19-Jul-13	Well Supply	ND (0.50) ND (0.50)

# Table 10 Private Property Sampling Results - Vinyl Chloride Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	ID <sup>(1)</sup>	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride
138	Unknown			NS			NS			138 ND (0.50)  138-D Kitchen Tap ND (0.50)  ND (0.50)			- NS				
139	W65	NS				NS			139 139-D	- 17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS				
140	W03			NS			ı	NS		140 140-D	- 18-Aug-11	Kitchen Tap	ND (0.50)  ND (0.50)		NS		
141	Unknown			NS		NS			NS			141 141-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)		
143	W35	143 143-D	3-Mar-08	Kitchen Tap	ND (0.50) ND (0.50)	143 143-D	19-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	143 143-D	- 18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
144	WSS	144 144-D	29-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	144 144-D	19-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	144 144-D	- 18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	NS			
145	Unknown	145 145-D	4-Feb-08	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	145 145-D	19-Feb-09	Non-Residential Kitchen Tap	ND (0.50) ND (0.50)	145 145-D	21-Dec-11	Office Kitchen Tap	ND (0.50) ND (0.50)	NS			
150	Unknown	150 150-D	3-Dec-07	Outside Tap	ND (0.50) ND (0.50)	- NS				ı	NS NS						
130	Unknown	150(I) 150(I)-D	4-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	150(I) 150(I)-D	10-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)		ĺ	NS		NS			
162	Unknown			NS		NS				165 165-D	- 17-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	162 162-D	1-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)
164	Unknown			NS			ı	NS		NS				166A 166A-D	19-Jul-13	Kitchen Tap	ND (0.50) ND (0.50)
166	Unknown			NS			l	NS		166 166-D	- 31-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)		N	S	
208	W8	208 208-D	3-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	208 208-D	5-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	NS NS		S					
217	W11	217 217-D	11-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	217 217-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	- NS NS							
222	W20	222 222-D	6-Dec-07	Kitchen Tap	ND (0.50) ND (0.50)	222 222-D	26-Feb-09	Kitchen Tap	ND (0.50) ND (0.50)	—I NS S			5				
227	W31	227 227-D	6-Feb-08	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	7-Mar-09	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	18-Aug-11	Kitchen Tap	ND (0.50) ND (0.50)	227 227-D	6-Aug-13	Kitchen Tap	ND (0.50) ND (0.50)

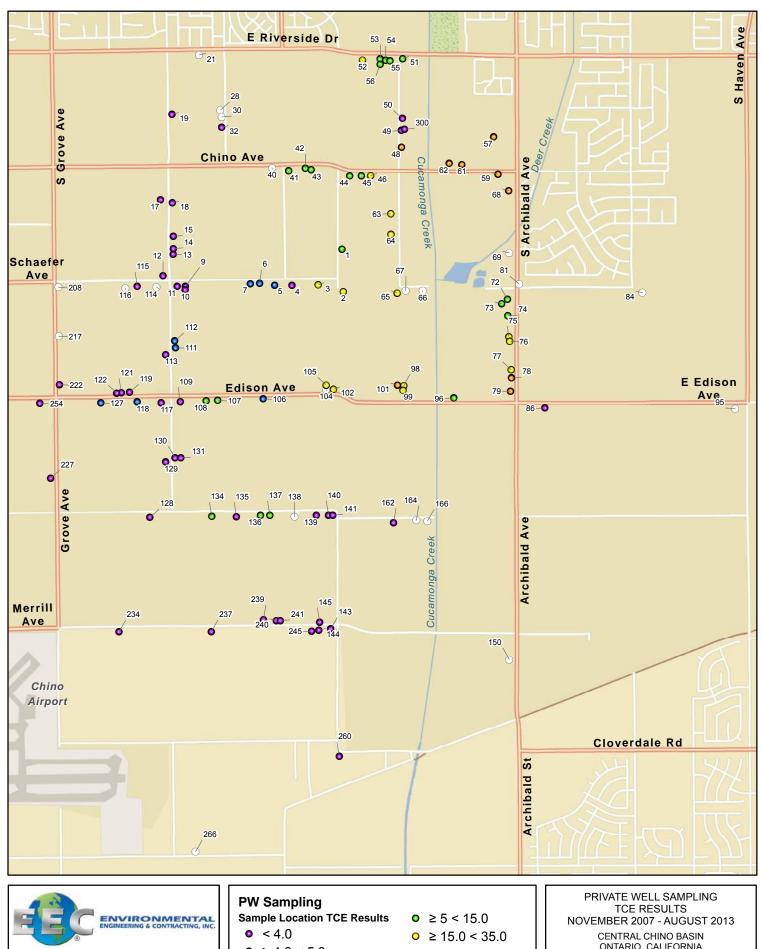
## Table 10 Private Property Sampling Results - Vinyl Chloride Ontario, California

	Private Well		Round 1	(2007/2008)			Round 2	(2009/2010)			Round 3	(2011/2012)			Round	4 (2013)	
Location ID	(1)	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride	Sample ID	Sample Date	Sample Location	Vinyl Chloride
234	Unknown —	234	- 6-Dec-07	Dairy Sink	ND (0.50)	234	19-Feb-09	Kitchen Tap⁴	ND (0.50)	234	8-Sep-11	Kitchen Tap	ND (0.50) <sup>6</sup>	234	- 18-Jul-13	Outside Tap	ND (0.50)
234	OTIKITOWIT	234-D	0-Dec-07	Daily Slilk	ND (0.50)	234-D	19-1 60-09	Kilchen rap	ND (0.50)	234-D	о- <del>Зер-</del> 11	Michell rap	ND (0.50) <sup>6</sup>	234-D	10-341-13	Outside Tap	ND (0.50)
237	W34	237	22-Apr-08	Kitchen Tap	ND (0.50)	237	6-Mar-09	Kitchen Tap	ND (0.50)		NS		237	- 18-Jul-13	Kitchen Tap	ND (0.50)	
201	****	237-D	22 / Ipi 00	rationion rap	ND (0.50)	237-D	o Mai oo	Tation rap	ND (0.50)					237-D	10 001 10	τιιοποπ ταρ	ND (0.50)
239				NS		239	1-Apr-11	Kitchen Tap	ND (0.50)			NS		NS			
200						239-D	1,451,11	Talenon rap	ND (0.50)								
240	W64			NS		240	1-Apr-11 Kitchen Tap		ND (0.50)	NS				NS			
210					240-D	1,451,11		ND (0.50)									
241		NS			241	1-Apr-11	ND (0.50)	NS					N	IS			
						241-D	1,451	Kitchen Tap	ND (0.50)								
245	W35	245	29-Feb-08	Kitchen Tap	ND (0.50)	245	10-Mar-09	Kitchen Tap	ND (0.50)	245	18-Aug-11	Kitchen Tap	ND (0.50)	245	18-Jul-13	Kitchen Tap	ND (0.50)
	1100	245-D			ND (0.50)	245-D			ND (0.50)	245-D			ND (0.50)	245-D	10 001 10	Tatorion Tap	ND (0.50)
254	W21	254	6-Feb-08	Kitchen Tap	ND (0.50)	254	5-Mar-09	Kitchen Tap	ND (0.50)			NS		NS			
		254-D			ND (0.50)	254-D		- 1	ND (0.50)					140			
260	Unknown	260	5-Dec-07	Outside Tap	ND (0.50)	260	10-Mar-09	Kitchen Tap	ND (0.50)			NS		NS			
		260-D		- a.e.a.	ND (0.50)	260-D			ND (0.50)								
266	W36	266	4-Feb-08	Outside Tap	ND (0.50)	D (0.50) 266	6-Mar-09	Kitchen Tap	ND (0.50)	NS				NS			
		266-D		3 23 23 23 24	ND (0.50)	266-D			ND (0.50)	50)				No			
300	Unknown	300	25-Oct-08	Kitchen Tap	ND (0.50)	300	12-Mar-09	Kitchen Tap	ND (0.50)	NS NS		NS					
333	5	300-D	_0 00.00	. atomorr rap	ND (0.50)	300-D	.2 00		ND (0.50)	INO			NO				

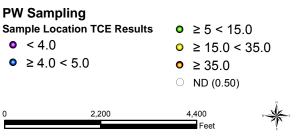
#### Notes:

Data Protected as Trade Secrets/Secret Processes – California Water Code §13267(b)(2)

- 1 Connection to private wells based on information provided by interviewed residents.
- 2 Data Qualified on the Laboratory Analytical Report for 28-D: Sample Contained Headspace
- 3 Data Qualified on the Laboratory Analytical Report for 108-D: Sample as received was not preserved in accordance with the analytical method, pH=6
- 4 Data Qualified on the Laboratory Analytical Report: Lab QC samples were out of range, however there were no detections in the compounds qualified
- 5 This location is currently served by an alternative water supply; this sample result reflects concentrations of constituents in the alternative water supplied to the residence
- 6 This location is served by water from the City of Ontario system; this sample result reflects concentrations of constituents in water supplied







PRIVATE WELL SAMPLING
TCE RESULTS
NOVEMBER 2007 - AUGUST 2013
CENTRAL CHINO BASIN
ONTARIO, CALIFORNIA

Project Number:
S1958.13

Date:
9/11/2013

### APPENDIX A GENERAL SAMPLING PROTOCOL

A study area was established to identify properties with private water supply wells that may contain trichloroethylene (TCE). The study area consists of an approximately five square mile region, which is bounded by Riverside Drive to the North, Archibald Avenue to the East, Merrill Avenue to the South, and Grove Avenue to the West in Ontario, California. The study area is located in the City of Ontario, California that has been annexed by the City and is part of future redevelopment plans. Much of this area does not currently have public infrastructure, including municipal water supply. Current land use in this area is primarily agricultural.

#### 1. Field Mobilization

A sampling team of two field staff was deployed. Prior to sampling, field staff was briefed on the project and trained on the sampling protocol.

Prior to field mobilization, the field sampling team received a folder for each residence scheduled for sampling. The folder contained the following site-specific information:

- Site location map;
- Detailed location map of the specific location;
- Copies of well logs of nearby wells;
- Copy of the RWQCB sampling offer letter;
- Water sample collection form;
- Sample-completed chain-of-custody form; and
- Blank chain-of-custody form.

An example water sample collection form is provided in Appendix B.

The sampling team received equipment consisting of sample bottles, nitrile gloves, a temperature probe, a pH probe, self-sealing plastic bags, and coolers for each resident packed with wet ice in self-sealing plastic bags.

#### 2. Sample Collection

Sampling personnel asked the resident questions to obtain information regarding their source of water. A sample collection form is provided in Appendix B. With the assistance of the resident, sampling personnel identified a faucet or tap, preferably indoors and without an aerator, to obtain a water sample. Unless directed otherwise by the resident, the selected sample location was a location representative of water the resident would commonly use (e.g., kitchen sink). Once a location was identified, the water was allowed to run for five to ten minutes. During this time, measurements for temperature and pH were collected. When the temperature and pH

measurements stabilized, changing less than 0.1 degree Celsius and less than 0.1 unit respectively between readings, and after a minimum of five minutes, a water sample was collected. Temperature and pH measurements were recorded on the Sample Collection Form (Appendix B).

Two samples were collected from each location, one sample and one duplicate. For confidentiality, collected samples were identified with a location ID number only, for example, as follows:

First Sample: "99"; andDuplicate Sample: "99-D".

To avoid inadvertent contamination, the sampling team observed the following personal hygiene guidelines:

- Do not smoke while collecting samples;
- Do not wear hairspray/mousse;
- Do not wear cologne/perfume; and
- Do not use breath spray or mouthwash when collecting samples.

After the sample faucet or tap had been run and temperature readings stabilized, flow was reduced to a trickle and the sample vial was held at a 45 degree angle. The cap was removed from the vial and the vial was positioned as close as possible to make sure the stream contacted the side of the vial as it filled. The vial was slowly filled until a convex meniscus was observed, and a small amount of water was added to the cap, as well. The cap was carefully flipped over the top of the vial and screwed tight. The sampling team then observed the sample to verify that no bubbles were present in the sample. If bubbles were observed, the cap was removed, and vial closure was repeated. Once all six vials were filled (three for the sample and three for the duplicate), the faucet was turned off.

Sample labels and chain-of-custody (COC) forms were completed immediately after sample collection. Sample vials were packaged in disposable self-sealing plastic bags and preserved in a chilled environment. In addition, as a quality assurance measure, one trip blank consisting of deionized water filled at the laboratory was analyzed for every ten samples.

#### 3. Analysis Method

Collected samples were submitted to Test America, an analytical laboratory certified by the State of California, for analysis. Samples were analyzed for select volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 524.2. The select VOC list consisted of the following compounds:

- 1,1-Dichloroethane (1,1-DCA);
- 1,2-Dichloroethane (1,2-DCA);
- 1,1,1-Trichloroethane (1,1,1-TCA);
- 1,1,2-Trichloroethane (1,1,2-TCA);
- 1,1-Dichloroethene (1,1-DCE);
- Cis-1,2-Dichloroethene (Cis-1,2-DCE);
- Trans-1,2-Dichloroethene (Trans-1,2-DCE);

- Tetrachloroethene (PCE);
- Trichloroethene (TCE); and
- Vinyl Chloride.

#### 4. Data Management

The laboratory provided the analytical results by e-mail in PDF format with standard QA/QC laboratory backup. Sample results are transmitted to the residents. Transmittal of the Round 3 sampling results was completed by Chino Basin Water Master staff.

#### 5. Split Sampling (Round 3)

The Chino Basin Water Master indicated that it intended to sample locations in and near the study area during the summer, 2011. Split samples were collected at most of the locations sampled during Round 3. At the outset of Round 3, Water Master sampling personnel sampled several residences before split sampling efforts were coordinated. At those locations, follow-up sampling was conducted where possible. At the end of Round 3, Water Master indicated that it preferred that its sampling personnel conduct sampling separate from split sampling personnel. Samples at the end of Round 3 were not coordinated. Dates of samples are provided in tables 1 and 2. The sampling results reported for Round 3 are the results of the split sampling. The sampling results obtained by the Chino Basin Water Master closely agreed with these reported results.

#### 6. Sample Documentation

Field notes and/or preprinted field forms were utilized to document where, when, how, and from whom many vital project information was obtained. The following information was recorded during the collection of each sample:

- Sample location and description
- Field instrument readings
- Field observations and details related to analysis or integrity of samples (e.g., weather conditions, noticeable odors, colors, etc.)
- Preliminary sample description
- Sample preservation
- Sample identification numbers and any explanatory codes
- Name, date and time of delivery to laboratory

### California Regional Water Quality Control Board Santa Ana Region

Stipulated Settlement and Cleanup and Abatement Order No. R8-2016-0016

City of Ontario, City of Upland and Inland Empire Utilities Agency, Aerojet Rocketdyne Inc., The Boeing Company, General Electric Company, Lockheed Martin Corporation and the United States of America,

Former Ontario-Upland Sewage Treatment Plant (Regional Recycling Plant No. 1)

City of Ontario

The California Regional Water Quality Control Board, Santa Ana Region (Santa Ana Water Board or Regional Board), finds that:

#### Legal and Regulatory Authority.

- 1. This Order conforms to and implements policies and requirements of the Porter-Cologne Water Quality Control Act (Division 7, commencing with Water Code section 13000) including (1) sections 13267 and 13304; (2) applicable State and federal regulations; (3) all applicable provisions of Statewide Water Quality Control Plans adopted by the State Water Resources Control Board (State Board) and the Water Quality Control Plan, Santa Ana Basin (Basin Plan) adopted by the Santa Ana Water Board including beneficial uses, water quality objectives, and implementation plans; (4) State Board policies and regulations, including State Board Resolution No. 68-16 (Statement of Policy with Respect to Maintaining High Quality of Waters in California), Resolution No. 88-63 (Sources of Drinking Water), and Resolution No. 92-49 (Policies and Procedures for Investigation and Cleanup and Abatement of Discharges under California Water Code Section 13304); California Code of Regulations (CCR) Title 23, Chapter 16, Article 11; CCR Title 23, section 3890 et. seq.; and (5) relevant standards, criteria, and advisories adopted by other State and federal agencies.
- 2. Water Code section 13304 contains the cleanup and abatement authority of the Santa Ana Water Board. Water Code section 13304 states, in pertinent part:

Any person...who has caused or permitted, causes or permits, or threatens to cause or permit any waste to be discharged or deposited where it is, or probably will be, discharged to waters of the state and creates, or threatens to create, a condition of pollution or nuisance, shall upon order of the regional board clean up or abate the effects of the waste, or, in the case of threatened pollution or nuisance, take other necessary remedial action, including but not limited to, overseeing cleanup and abatement efforts. A cleanup and abatement order issued by the state board or a regional board may require the provision of, or payment for, uninterrupted replacement water service, which may include wellhead treatment, to each affected public water supplier or private well owner.

- Replacement water shall meet all applicable federal, state and local drinking water standards and shall have comparable quality to that pumped by the public water system or private well owner prior to the discharge of waste.
- 3. Water Code section 13267 provides that the Santa Ana Water Board may require dischargers, past dischargers, or suspected dischargers to furnish those technical or monitoring reports as it may specify, provided that the burden, including costs, of these reports, shall bear a reasonable relationship to the need for the reports and the benefits to be obtained from the reports. In requiring the reports, the Santa Ana Water Board must provide the person with a written explanation with regard to the need for the reports, and identify the evidence that supports requiring that person to provide the reports.

#### **Factual Background**

- 4. In 1986, the Metropolitan Water District of Southern California sampled 149 private domestic wells in the Chino Groundwater Basin (now Chino North Groundwater Management Zone), in conjunction with the preparation of an environmental impact report for its proposed conjunctive use program. Trichloroethylene (TCE) was detected up to 75 micrograms per liter (μg/L) in several wells south of Riverside Drive. The current California drinking water maximum contaminant level (MCL) for TCE is 5 μg/L. The Metropolitan Water District notified the Santa Ana Water Board of its findings and the Regional Board initiated an investigation to identify the likely sources of the TCE. Regional Board staff also continued to sample some of the private wells until 2002.
- 5. TCE is a volatile organic compound that was a popular vapor degreasing and cleaning solvent used by industry beginning in the mid-1940s, until environmental concerns and economic pressures led to the decline in its use in the 1970s. TCE was also an ingredient in consumer products during this timeframe.
- 6. Information obtained by Regional Board staff indicated that several former tenants at the Airport may have used TCE. In 2005, the Santa Ana Water Board distributed six draft Cleanup and Abatement Orders (2005 Draft CAOs) to Aerojet Rocketdyne Inc., The Boeing Company, General Electric Company, Northrop Grumman Corporation, Lockheed Martin Corporation, and the United States Department of Defense (United States). (Aerojet Rocketdyne Inc., The Boeing Company, General Electric Company, and Lockheed Martin Corporation are hereinafter referenced as "the Companies.) The Companies and the United States have always disputed the allegations set forth in the 2005 Draft CAOs that they are responsible for the discharge of wastes or the presence of TCE in the groundwater.
- **7.** Regional Board staff also obtained information that some of the former tenants at the Airport, and numerous other industries, discharged their wastewater into the

- sewage collection systems owned and operated by the Cities of Ontario and Upland at a time when TCE was a popular solvent used by industry.
- 8. In 1934, the City of Ontario built the Ontario-Upland Treatment Plant, located at 2450 E. Philadelphia Avenue in the City of Ontario. In 1942, the City of Upland entered into an agreement with the City of Ontario to jointly own the sewer system, treatment plant, and wastewater disposal areas.
- 9. In the early 1970s, the Chino Basin Municipal Water District assumed operational control of the Ontario-Upland Treatment Plant, which thereafter became known as Regional Recycling Plant No. 1 (RP-1). The Chino Basin Municipal Water District eventually took over ownership of RP-1 from the Cities of Ontario and Upland (the Cities). Upon assuming operational control of RP-1, the Chino Basin Municipal Water District upgraded RP-1 by adding tertiary treatment and constructing a 30,000-foot pipeline to the Prado Flood Control Basin to divert most of the effluent away from the vicinity of RP-1.
- 10. In 1998, the Chino Basin Municipal Water District changed its name to the Inland Empire Utilities Agency (IEUA).
- 11. Groundwater data collected by and for the Regional Board from 1986 to the present shows the presence of a plume of volatile organic compounds (VOCs) in groundwater south of the Pomona (60) Freeway that is largely comprised of TCE (the "Plume"). The Plume is located in an area in the central Chino Basin, located generally south of the Pomona Freeway, west of Turner Avenue, east of Grove Avenue, and North of Kimball Avenue (the Site), which is the subject of the Regional Board's 2005 Draft CAOs, the 2012 Draft CAO, and this Stipulated CAO. Notwithstanding this general description, the Site does not include the plume of TCE, its breakdown products, and any other volatile organic compounds emanating from the Chino Airport, as described in Cleanup and Abatement Order R8-2008-0064 and related documents posted to the State Water Resources Control Board's GeoTracker database (or any successor database) for site SL208634049, and any location to which it may migrate. Taken together, the preceding two sentences define the Area of Attainment.
- 12. The Chino Basin Desalter Authority (CDA) is a Joint Exercise of Powers Agency that manages the production, treatment, and distribution of highly treated potable water to cities and water agencies throughout its service area. Pursuant to Order No. R8-2007-00039, CDA extracts groundwater from the lower Chino Basin and treats the water to remove nitrate and total dissolved solids (TDS) using reverse osmosis, decarbonation and ion exchange at two desalter facilities, Chino I and Chino II. The CDA is in the process of expanding its groundwater production facilities to implement the Chino Basin Optimum Basin Management Program, which program includes achieving hydraulic control of the Chino Basin. The expansion includes: (1) constructing three new wells; (2) constructing a pipeline to connect the three new wells to the existing CDA pipeline for the purpose of

- conveying the groundwater pumped from the new wells to the Chino II Desalter; and (3) adding a third decarbonator at Chino II ("Planned Expansion Project").
- 13. The City of Ontario, City of Upland and IEUA (collectively, the "Settling Agencies") have collaborated with CDA to develop a remedy to address the Plume by leveraging CDA's investment in its Planned Expansion Project. This collaborative approach is the most cost-effective way to address the Plume. This Stipulated Settlement and Cleanup and Abatement Order ("Stipulated CAO") is intended to provide a basis for the Settling Agencies to move forward with a cost-effective remedy.
- 14. Recent investigations have confirmed that the Plume is migrating south towards CDA's existing wellfield and towards the sites for the three proposed wells in the Planned Expansion Project. Some CDA wells have been impacted by detectible levels of TCE from the Plume. If the Plume remains unabated, it is anticipated that the TCE impact to CDA's existing and proposed wells will increase over time.
- 15. In September 2012, the Regional Board sent draft CAO No. R8-2012-00xx to the Settling Agencies (2012 Draft CAO). The 2012 Draft CAO alleged that the Cities and IEUA, as the former and current owners and operators of RP-1 and wastewater disposal areas, are responsible for the discharge of wastes that resulted in the presence of TCE in groundwater downgradient of RP-1 and the disposal areas. The 2012 Draft CAO required, in part, the preparation and submission of a Feasibility Study and Remedial Action Plan for mitigating the effects of the Plume. The Settling Agencies dispute the allegations of such responsibility.
- **16.** The Plume is located within the Chino North Groundwater Management Zone.
- 17. Pursuant to the Water Quality Control Plan, Santa Ana Region, the present and potential beneficial uses of groundwater in the Chino North Groundwater Management Zone include domestic and municipal water supply, agricultural water supply, and industrial water supply.
- **18.** The Santa Ana Water Board believes that settling this matter in accordance with the terms set forth in this Stipulated CAO is in the best interest of the people of the State.

#### **Cleanup and Abatement of the Plume**

### <u>Development of Remedial Investigation, Feasibility Study and Selection of Preferred Remedial Alternatives</u>

- 19. Beginning in 2007, the Companies began providing replacement water to residences affected by the Plume and are continuing to provide replacement water subject to Regional Board oversight. The City of Ontario and the City of Upland will assume responsibility for providing replacement water in accordance with the terms outlined below.
- 20. On October 13, 2011, the Companies completed a Remedial Investigation Report for the Plume (Remedial Investigation), which included a Baseline Risk Assessment. On November 19, 2014, the Companies completed a Supplemental Data Report to supplement the Remedial Investigation (Supplemental Report). The Cities of Ontario and Upland provided comments on the Remedial Investigation. Also, the United States installed a groundwater investigation well known as monitoring well 4.
- 21. In July and August of 2015, the Settling Agencies completed a Feasibility Study and a Remedial Action Plan (RAP) for the Plume. The Feasibility Study identified the following Remedial Action Objectives:
  - A. The numerical goal for TCE in groundwater is the MCL of 5  $\mu$ g/L. The Area of Attainment is detailed above in Section 11.
  - B. Protect human health and the environment by mitigating the effects of the TCE groundwater plume.
  - C. Supply uninterrupted replacement water service to all residences that are served by private domestic wells at which TCE has been detected above the MCL within the Area of Attainment.
  - D. Monitor TCE concentrations in private domestic wells and public supply wells that may contain TCE above the MCL within and down-gradient of the Area of Attainment.
  - E. Minimize the migration of the TCE Plume in groundwater beyond the southern boundary of the Area of Attainment.
  - F. Minimize the concentration of TCE in the groundwater in un-impacted or less impacted areas within the Area of Attainment.

- G. To the extent reasonably practicable, decrease the length of time that TCE impairs the beneficial use of groundwater in the Area of Attainment.
- 22. Two sets of remedial actions were evaluated in the Feasibility Study. The first set of alternatives address the uninterrupted delivery of replacement water to residences with wells that are currently impacted by the Plume. The second set of remedial actions address remediation of the Plume itself. The Feasibility Study includes a screening and then detailed analysis of these two sets of remedial action alternatives, as summarized in Tables 1 and 2 below.

**Table 1: Domestic Water Supply Alternatives Screening Evaluation Summary** 

	Effective- ness	Implemen- tability	10-Year Cost	20-Year Cost	Con- clusion
Alternative 1 No Action	Not Effective	N/A	None	None	Retained
Alternative 2 Whole House Treatment	Potentially Effective	Easy	Moderate	Moderate	Retained
Alternative 3 Existing Tank Systems and Bottled Water Delivery	Highly Effective	Easy	Low	Low	Retained
Alternative 4 Install Permanent Pipeline	Highly Effective	Difficult	High	High	Not Retained
Alternative 5 Install Temporary Pipeline	Highly Effective	Difficult	Moderate	Moderate	Not Retained
Alternative 6A Construct New Wells; 1 Residence Per Well	Potentially Effective	Easy	Moderate	Moderate	Retained
Alternative 6B Construct New Wells; 3 Residences Per Well	Potentially Effective	Easy	Moderate	Low	Retained
Alternative 7A Hybrid Partial Pipeline and Tank Systems – Most Residences on Pipeline	Highly Effective	Moderate	High	High	Not Retained
* Alternative 7B Hybrid Partial Pipeline and Tank Systems – Half of	Highly Effective	Moderate	Moderate	Moderate	Retained

Residences on Pipeline			
* = Preferred alternative			_

**Table 2: Plume Remedial Alternatives Screening Evaluation Summary** 

	Short Term Effective- ness	Long Term Effective- ness	Implement- ability	Cost	Conclusion
Alternative 1 No Action	Not Effective	Not Effective	Easy	Low	Retained
Alternative 2 Limited Action/Monitored Natural Attenuation	Not Effective	Not Effective	Easy	Low	Retained
Alternative 3A GAC Wellhead Treatment for Well CDA I-11	Not Effective	Not Effective	Moderate	Low	Not Retained
Alternative 3B GAC Wellhead Treatment for Well CDA I-11 and Site A	Not Effective	Potentially Effective	Moderate	Moderate	Not Retained
Alternative 3C GAC Wellhead Treatment for Well CDA I-11, Site A and Site 2	Not Effective	Effective	Moderate	Moderate	Retained
Alternative 3D GAC Wellhead Treatment for Well CDA I-11, Site 2, and a northern well at Edison Ave	Effective	Highly Effective	Moderate	High	Retained
Alternative 4A Air Stripping Wellhead Treatment for Well CDA I-11	Not Effective	Not Effective	Difficult	Low	Not Retained
Alternative 4B Air Stripping Wellhead Treatment for Well CDA I-11 and Site A	Not Effective	Potentially Effective	Difficult	High	Not Retained

Alternative 4C Air Stripping Wellhead Treatment for Well CDA I-11, Site A and Site 2	Not Effective	Effective	Difficult	High	Not Retained
Alternative 4D Air Stripping Wellhead Treatment for Well CDA I-11, Site 2, and a northern well at Edison Ave	Effective	Highly Effective	Difficult	High	Not Retained
Alternative 5A Dedicated Pipeline to RO/Decarbonator at Desalter II; northern well at Merrill Ave	Not Effective	Effective	Moderate	Moderate	Retained
* Alternative 5B Dedicated Pipeline to RO/Decarbonator at Desalter II; northern well at Edison Ave	Effective	Highly Effective	Moderate	Moderate	Retained
Alternative 6 In-Situ Remediation	Effective	Effective	Difficult	Very High	Not Retained

<sup>\* =</sup> Preferred alternative

- 23. The Feasibility Study and RAP selected preferred remedies from both the domestic water supply alternatives and the Plume alternatives by using the National Contingency Plan (NCP) evaluation criteria and process to determine the relative ranking of each retained alternative. The Feasibility Study examined the following nine evaluation criteria: overall protection of human health and the environment; compliance with all applicable or relevant and appropriate requirements (ARARs); long-term effectiveness and permanence; reduction of toxicity, mobility and volume through treatment; short-term effectiveness; implementability; estimated cost; State acceptance; and community acceptance. The first two criteria—overall protection of human health and the environment, and compliance with ARARs—are the threshold criteria that each alternative must meet. The next five criteria were then used as balancing criteria. The final criteria of State and community acceptance were then considered to obtain any preferences or concerns regarding the proposed alternatives.
- **24.** The selected remedy for the domestic water supply, Alternative 7B (Hybrid Partial Pipeline and Tank Systems-Half of Residences on Pipeline), involves the

supply of uninterrupted potable water to each Affected Residence, either through a 11,000 linear foot water supply pipeline or a tank system. Approximately twenty-one Affected Residences will be served by the temporary pipeline, 16 Affected Residences would remain on 15 existing tank systems, and 3 Affected Residences currently on bottled water service would be provided with tank systems. Based upon a detailed evaluation of the NCP criteria, the Feasibility Study and RAP selected this remedy because it is protective of human health and the environment, complies with federal and State requirements that are applicable or relevant and appropriate to the remedial action, is cost-effective, and utilizes permanent solutions and alternative treatment technologies to the maximum extent practicable. This remedy also provides the most flexibility for planning around the future growth of the City of Ontario.

- 25. The selected remedy for the Plume, Remedial Alternative 5B (Dedicated Pipeline to RO/Decarbonator at Desalter II; northern well at Edison Avenue), (also referred to as the Work) involves: (1) adding a new pipeline connecting CDA's Well I-11 to the proposed Planned Expansion Project pipeline; (2) constructing a new 24-inch pipeline parallel to the existing CDA pipeline on Bellegrave Avenue to connect the Planned Expansion Project's new wells directly to the reverse osmosis and decarbonator treatment processes at Desalter II; (3) modifying the existing decarbonators at Desalter II in a manner designed to remove 95% of the TCE from the influent; (4) moving one of the Planned Expansion Project wells from the vicinity of South Archibald Avenue and Merrill Avenue, to a location approximately one mile north near the intersection of Edison Avenue and Cucamonga Creek ("northern well"); (5) constructing a new pipeline to connect the northern well to the pipeline along Bellegrave Avenue; and (6) installing a new pump to transport water from CDA Well I-11 to the pipeline system leading to Desalter II. Based upon a detailed evaluation of the NCP criteria, the Feasibility Study and RAP selected this remedy because it is protective of human health and the environment, complies with federal and State requirements that are applicable or relevant and appropriate to the remedial action, is costeffective, and utilizes permanent solutions and alternative treatment technologies to the maximum extent practicable. This remedy also satisfies the statutory preference for treatment as a principal element of the remedy.
- 26. Each selected remedy is protective of human health and the environment. The drinking water supply remedy will provide domestic replacement water to all Affected Residences south of Riverside Drive until the area is developed and the affected private domestic water supply wells are no longer used to supply water to individual residences. The water supplied to the residences will come from the City of Ontario municipal water supply, therefore there is little residual risk to human health. The Plume remedy will minimize the concentration of TCE in groundwater in un-impacted or less impacted areas and will also remove TCE in the groundwater produced by up to four CDA wells, which will limit potential distribution of TCE to a wider population via the CDA well-field. Because the selected Plume remedy will result in hazardous substances, pollutants, or

- contaminants remaining on-site above levels that allow unlimited use and unrestricted exposure, a statutory review will be conducted within five years after initiation of remedial action to ensure that the remedy is, or will be, protective of human health and the environment.
- 27. Each selected remedy complies with ARARs. The primary ARAR considered for the domestic water supply remedy is draft CAO No. R8-2012-00xx that the Regional Board issued to the Settling Agencies in September 2012. The 2012 Draft CAO required that domestic replacement water service be provided to all residences where the TCE concentration in private domestic wells is equal to or greater than the MCL. The domestic water supply remedy provides replacement water to all Affected Residences, thereby meeting the requirement of the 2012 Draft CAO. The Plume remedy also complies with ARARs. All water served to the public will have TCE concentrations below the MCL. The active removal of TCE from the aquifer at the northern well at Edison Avenue will reduce the mass and concentration of TCE in the aquifer faster than natural attenuation, thereby bringing it into compliance with the groundwater quality objectives set forth in the basin plan.
- 28. Each selected remedy provides overall effectiveness proportional to its costs. The domestic water supply remedy is cost effective because it is of moderate long-term cost, has a low residual risk to human health, and also has the lowest risk that additional domestic replacement water supply will be necessary in the future. The Plume remedy is also cost effective in comparison to other alternatives, and removes more TCE mass from the aquifer in the short-term, thereby decreasing the timeframe to achieve the Remedial Action Objectives.
- 29. Each selected remedy utilizes permanent solutions and alternative treatment technologies to the maximum extent practicable. The domestic water supply remedy utilizes a permanent solution to provide all Affected Residences with water from the Ontario municipal water supply. Utilizing treatment technologies that remove TCE via a reverse osmosis and decarbonator treatment train, the Plume remedy will remove the most mass of TCE from the aquifer in the short term, and will reduce the magnitude of the residual risk to human health and the environment to the maximum extent practicable.
- **30.** The selected domestic water supply remedy and the selected Plume remedy are collectively expected to achieve all Remedial Action Objectives.
- 31. The selected domestic water supply remedy is expected to achieve applicable Remedial Action Objectives because it involves the supply of domestic replacement water to all Affected Residences south of Riverside Drive until the area is developed and the affected domestic water supply wells are no longer used to supply water to individual residences. To measure performance of the remedy, concentrations of TCE will be frequently monitored in private domestic wells located within and down-gradient of the Area of Attainment. Further, the

- City of Ontario will continue its Safe Drinking Water Act monitoring of its municipal water supply.
- 32. The selected Plume remedy is expected to achieve applicable Remedial Action Objectives because it will protect human health and the environment, comply with ARARs, and will clean up the Plume in groundwater to below the MCL of 5 µg/L in the Area of Attainment. The selected Plume remedy will remove TCE from groundwater; minimize the concentration of TCE in the groundwater in unimpacted or less impacted areas; capture TCE contamination in groundwater at the southern edge of the Area of Attainment, thereby minimizing the migration of the Plume; and will treat extracted groundwater for TCE. In doing so, the selected Plume remedy will reduce the volume and mobility of the Plume. With regard to TCE impacts, use of the northern well will also reduce the timeframe for restoring beneficial use of groundwater in the Area of Attainment. The selected remedy provides the best balance of tradeoffs as compared to the other alternatives in terms of the NCP threshold and balancing evaluation criteria.
- **33.** The performance of the selected Plume remedy will be evaluated through eight primary mechanisms:
  - (i) Implementation of Plume monitoring as required under Section 56(C) of this Stipulated CAO;
  - (ii) Use of data from the monitoring of private domestic wells and public supply wells located within and down-gradient of the Area of Attainment, as prescribed in the selected domestic water supply remedy;
  - (iii) Use of data from operational monitoring and water quality sampling performed by the CDA;
  - (iv) Use of data from drinking water compliance monitoring performed by the CDA pursuant to their Division of Drinking Water permit;
  - (v) Analysis of the Chino Basin Watermaster's regular groundwater level monitoring program from approximately 900 wells, including the hydraulic control monitoring program that focuses on the CDA well-field;
  - (vi) Analysis of the Chino Basin Watermaster's extensive groundwater quality monitoring program from approximately 750 wells;
  - (vii) Performance of periodic groundwater modeling that is used to define the capture zone created by the existing CDA well-field as specified in the 2014 Regional Board-approved

- Revised Chino Basin Management Zone Maximum Benefit Groundwater Monitoring Program; and
- (viii) Detailed analysis and assessment of the state of hydraulic control in the Chino Basin, performed every five (5) years as part of regular groundwater modeling, to compute the annual groundwater underflow in the previous five years and to estimate future underflow based on the pumping plans in the Chino Basin, as specified in the 2014 Regional Boardapproved Revised Chino Basin Management Zone Maximum Benefit Groundwater Monitoring Program.

#### **Approval of Remedial Action Plan**

- 34. The Remedial Investigation, the Feasibility Study, the Supplemental Report and the Cities' Comments were made available to the public in August of 2015. These documents were, and are, available in an online document repository and at the City of Ontario City Hall. The Notice of Availability of these documents was mailed to residents on August 18, 2015, and published in the Inland Valley Daily Bulletin on August 24, 2015. In addition, two public meetings were held at the Ontario Police Station on September 10, 2015 and September 24, 2015, where comments and input from the public were received. At these meetings, representatives of the Settling Agencies and the Regional Board answered questions about the Plume and the remedial alternatives. The Settling Agencies' responses to these comments are included as an appendix in the final version of the Feasibility Study.
- 35. The Regional Board has reviewed and considered the Remedial Investigation, Risk Assessment, Supplemental Report, the comments on the Remedial Investigation and Supplemental Report and the Feasibility Study. The documents prepared by the Settling Agencies and the Companies are sufficient to characterize the Plume, develop remedial alternatives and select a preferred remedial alternative through the adoption of the RAP.
- 36. The final RAP selecting the remedial actions to be implemented is approved by the Santa Ana Water Board through adoption of this Stipulated CAO. The remedial actions selected in the RAP will protect human health and the environment; comply with federal and State requirements that are applicable or relevant and appropriate to each action; are cost effective; and utilize permanent solutions and alternative treatment technologies or resource recovery technologies to the maximum extent practicable. The selected remedial actions also satisfy the statutory preference under CERCLA section 121 for treatment as a principal element of the remedy (i.e., reduces the toxicity, mobility, or volume of hazardous substances, pollutants, or contaminants as a principal element through treatment).

37. The Regional Board finds that the Remedial Investigation, Risk Assessment, Supplemental Report, Feasibility Study, and RAP, and the process used to develop these documents, are consistent with the National Contingency Plan.

#### **Plume Remedy Funding**

38. In order to obtain funding for at least a portion of the Plume remedy, IEUA has initiated the process to apply for grant funding under the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1). Water Code section 79771(c) provides that:

Funding authorized by this chapter shall not be used to pay any share of the costs of remediation recovered from parties responsible for the contamination of a groundwater storage aquifer, but may be used to pay costs that cannot be recovered from responsible parties.

After analyzing the Plume remedy and the sources of available funding to construct it, the Santa Ana Water Board finds that any grant funding awarded to IEUA under Proposition 1 would not be used to pay any share of the costs of remediation recovered from parties responsible for the contamination. Rather, such grant funds would be used to pay for costs that cannot be recovered from responsible parties.

- 39. The Santa Ana Water Board commenced attempts to identify and coordinate with potentially responsible parties for the Plume over ten years ago. In addition, the Settling Agencies, the Companies and the United States engaged a private third party neutral mediator over two years ago, and since then they devoted substantial time, effort and resources to the mediation. The Santa Ana Water Board began participating directly in the mediation over a year ago. In light of these efforts, and the information obtained over more than a decade of direct involvement, the Santa Ana Water Board finds that the Proposition 1 grant funding IEUA is pursuing would not be used to pay for costs that have been or reasonably could be recovered from responsible parties.
- 40. Water Code section 79771(b)(5) provides that one of the criteria considered in prioritizing projects for Proposition 1 grant money is whether the "project addresses contamination at a site for which the courts or the appropriate regulatory authority has not yet identified responsible parties, or where the identified responsible parties are unwilling or unable to pay for the total cost of cleanup . . . . " The Santa Ana Water Board finds that the Plume remedy addresses contamination at a site where responsibility of the potentially responsible parties is contested, and conclusively determining responsibility could require extensive and protracted litigation. Moreover, the Santa Ana Water Board is satisfied, and hereby so finds, that non-settling identified responsible parties are unwilling and/or unable to pay for the total cost of the Plume remedy. The Santa Ana Water Board finds that available information indicates reasonable

efforts have already been made by the Settling Agencies, the Companies and the Santa Ana Water Board itself, to require the responsible parties to pay for the total cost of the cleanup and recovering additional costs for cleanup is infeasible. The United States and the Companies make no representations nor warranties as to findings 38 through 40.

#### **Effect of Stipulated CAO**

- 41. Because the Plume remedy will result in hazardous substances remaining within the Plume above levels that allow for unlimited use and unrestricted exposure, a statutory review will be conducted within five years after initiation of remedial action to ensure that the remedy is protective of human health and the environment.
- 42. In exchange for the work performed and to be performed by the Settling Agencies, the prior work performed by the United States and the Companies, and the payments to be made by the United States and the Companies, the Santa Ana Water Board agrees to release the Settling Agencies, the United States and the Companies from all claims or causes of action under the Porter-Cologne Water Quality Control Act, CWC § 13000 et seq. (Porter-Cologne), the Carpenter-Presley-Tanner Hazardous Substances Account Act, California Health and Safety Code, § 25300 et seq. (HSAA), any other State statutes or common law (including claims based on nuisance or trespass), the federal Comprehensive Environmental Response, Compensation, and Liability Act of 1980, 42 U.S.C. §§ 9601-9675 (CERCLA), and the federal Resource Conservation and Recovery Act, 42 U.S.C. § 6901 et seq. (RCRA), regarding the Plume. However, the Settling Agencies, the United States and the Companies do not admit any liability arising out of the Regional Board's allegations, nor does the work to be performed by the Settling Agencies in accordance with this Stipulated CAO or the prior work performed by the United States and the Companies constitute an admission of any liability under the foregoing statutes and State law by any of the Settling Agencies, the United States or the Companies.
- 43. The Parties also agree that this Stipulated CAO constitutes an administrative settlement pursuant to CERCLA section 113(f)(2), 42 U.S.C. § 9613(f)(2) and that the Settling Agencies, the United States and the Companies have, as of the Effective Date, resolved their liability, if any, to the Santa Ana Water Board, for the Matters Addressed in this Stipulated CAO as defined in Section 60 herein.
- 44. The Parties further agree that this Stipulated CAO constitutes an administrative settlement pursuant to CERCLA section 113(f)(3)(B), 42 U.S.C. §9613(f)(3)(B), and that the Settling Agencies, the United States and the Companies are entitled, as of the Effective Date, to protection from contribution actions, or claims or

- counterclaims arising from or related to the Matters Addressed in this Stipulated CAO, as provided by CERCLA section 113(f)(2).
- 45. The Parties also acknowledge that entry into this Stipulated CAO is intended to protect the Settling Agencies, the United States and the Companies from any claims by any non-settling party, regardless of whether they are brought pursuant to Section 107 of CERCLA, Section 113 of CERCLA, or any other theory, as any claims against the Settling Agencies, the United States or the Companies arising out of facts alleged herein are in the nature of contribution claims arising out of a common liability, whether framed in terms of federal or State statute or common law.
- 46. On June 22, 2015, the Settling Agencies and the CDA executed a Joint Facility Development Agreement, whereby the Settling Agencies will fund the incremental capital design and construction costs for the Work and the CDA will operate and maintain the completed Work until only monitored natural attenuation is necessary to restore beneficial uses in the Area of Attainment. The Regional Board has reviewed this Joint Facility Development Agreement and finds that such agreement provides sufficient assurances that the Work will be implemented in accordance with this Stipulated CAO. The Joint Facility Development Agreement is attached hereto as Exhibit A.
- 47. The Parties and the Regional Board acknowledge and agree that the portion of the Remedial Action work to be performed by CDA pursuant to the Joint Facility Development Agreement is designed and intended to alter the Plume in the course of the remediation effort. The Regional Board further acknowledges and agrees it will not take any enforcement action against CDA for any actions required by the Joint Facilities Development Agreement and/or consistent with the terms of this Order. Notwithstanding any other provision of this Order, CDA is an express third party beneficiary of this Paragraph.
- 48. In January 2011, CDA adopted an Initial Study/Mitigated Negative Declaration (IS/MND) for its Planned Expansion Project. CDA collaborated with the Settling Agencies to incorporate the Work into the Planned Expansion Project. CDA, as the lead agency under CEQA, prepared an Addendum to the IS/MND to determine whether the Work required the preparation of supplemental environmental review to the IS/MND under CEQA standards (Pub Res Code section 21166; CEQA Guidelines section 15162 and 15164). CDA determined that no additional CEQA environmental review was required for the Work based on information in the Addendum. On June 4, 2015, CDA approved the Work and the IS/MND Addendum. As a result, the environmental review for the Work has been completed and the statute of limitations for any CEQA claims in connection with the Work has now expired. In approving this Stipulated CAO, the Settling Agencies and Companies rely on the approved IS/MND and Addendum for the analysis of the environmental impacts of the approval.

- 49. The issuance of this Stipulated CAO is an enforcement action taken by a regulatory agency and is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, section 21000 et seq.), pursuant to California Code of Regulations (CCR), title 14, section 15321, subdivision (a)(2). The implementation of this Stipulated CAO is also an action to assure the restoration of the environment and is exempt from the provisions of the California Environmental Quality Act (California Public Resources Code, section 21000 et seq.), in accordance with CCR title 14, sections 15308 and 15330.
- **50.** The Parties have negotiated this Stipulated CAO in good faith and implementation of the Work will expedite the cleanup of the Plume and will avoid prolonged and complicated litigation between the Parties.
- 51. The Regional Board believes and hereby finds this Stipulated CAO is procedurally and substantively fair, reasonable and is in the public interest. The Regional Board believes and hereby finds the prior work and Work performed and the amount of response and oversight costs to be funded by the Settling Agencies herein, and the prior work performed and payments to be made by the United States and the Companies, while necessarily imprecise, is in the aggregate, roughly correlated with an acceptable measure of comparative fault relative to the aggregate liability of the Settling Agencies, the United States and the Companies combined under CERCLA.
- 52. Any person affected by this action of the Santa Ana Water Board may petition the State Water Resources Control Board (State Board) to review the action in accordance with Water Code section 13320 and Title 23, CCR, section 2050 through 2068. The State Board, Office of Chief Counsel, must receive the petition within 30 days of the Effective Date of this Stipulated CAO.

With the consent of the Parties to this Stipulated CAO, **IT IS HEREBY ORDERED** that, pursuant to Water Code sections 13267 and 13304, the Settling Agencies, the United States and the Companies shall comply with the provisions of this Stipulated CAO as follows:

#### **53.** PARTIES BOUND

This Stipulated CAO shall apply to and be binding upon the Santa Ana Water Board, upon each of the Settling Agencies, upon the United States and upon each of the Companies, and each of their respective successors and assigns. Any change in legal status of a Party, including but not limited to any transfer of real property, shall in no way alter such Party's responsibilities under this Stipulated CAO.

#### **54.** DEFINITIONS

Unless otherwise expressly provided herein, terms used in this Stipulated CAO that are defined in the Porter-Cologne Water Quality Control Act and CERCLA or in regulations promulgated thereunder shall have the meaning assigned to them in the Porter-Cologne Water Quality Control Act and CERCLA or in such regulations.

"Affected Residence" means a residence or location in the Area of Attainment currently supplied water by a tank system or provided with bottled water, and a residence or location in the Area of Attainment supplied water by a private domestic well that in the future exceeds the MCL for TCE.

"ARAR" means applicable or relevant and appropriate requirement.

"CAO" means Cleanup and Abatement Order.

"CERCLA" means the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, 42 U.S.C. §§ 9601-9675.

"CDA" means the Chino Basin Desalter Authority.

"Companies" means Aerojet-General Corporation, The Boeing Company, General Electric Company, and Lockheed Martin Corporation.

"Days" means calendar days, including Saturdays, Sundays, and holidays, except as otherwise specifically provided herein.

"IEUA" means the Inland Empire Utilities Agency.

"National Contingency Plan" means the National Oil and Hazardous Substances Pollution Contingency Plan codified at 40 C.F.R. Part 300, which provides a framework for responding to hazardous substance releases.

"Oversight Costs" means those future costs that the Regional Board may incur in monitoring and supervising the Settling Agencies' performance of the Work pursuant to this Stipulated CAO, including but not limited to reviewing deliverables submitted, ensuring that the timeframes for completing the Work are met, and otherwise overseeing compliance with the Stipulated CAO.

"Parties" means the City of Ontario, the City of Upland, IEUA, the United States, Aerojet Rocketdyne Inc., The Boeing Company, General Electric Company, Lockheed Martin Corporation, and the Santa Ana Water Board.

"Performance Standards" means the cleanup levels and other measures of achievement of the remedial action objectives, as set forth in the Remedial Action Plan.

- "Plume" means the plume of groundwater contaminated with VOCs, including, but not limited to TCE, in the Chino North Groundwater Management Zone, as depicted generally on the map attached as Exhibit B.
- "Porter-Cologne" means the Porter-Cologne Water Quality Control Act, California Water Code, Division 7, §§ 13000 et seq.
- "Regional Board or Santa Ana Water Board" means the California Regional Water Quality Control Board, Santa Ana Region.
- "Remedial Action" means the remedial actions selected in the Remedial Action Plan.
- "Remedial Action Plan" or "RAP" means the final remedy selection document approved by this Stipulated CAO that identifies the preferred alternative for a remedial action, and sets forth the specific remedial action objectives and the timeframes for completion of the selected remedial action.
- "Response Costs" means any costs, including but not limited to, direct and indirect costs, that the Regional Board may incur in connection with the Plume that are not Oversight Costs.
- "Settling Agencies" means the City of Ontario, the City of Upland, and IEUA.
- "Stipulated CAO" means this agreement and order and all appendices attached hereto.
- "United States" means the United States of America and all of its departments, agencies, components and instrumentalities.
- "Work" means capital funding and construction of the selected Remedial Action for the Plume pursuant to the Remedial Action Plan.

#### **55.** EFFECTIVE DATE

This Stipulated CAO becomes effective and binding upon all Parties on the date when the Santa Ana Water Board adopts the Stipulated CAO and it is signed by all Settling Agencies, the United States and the Companies.

#### **56.** PERFORMANCE OF THE REMEDIES

- A. Domestic Water Supply Remedy.
- (i) On October 15, 2015, the City of Ontario received written correspondence from the State of California, State Water Resources Control Board, Division of Drinking Water, stating

that the proposed alternative water supplies would not require a water supply permit, provided a new public water system or State small water system is not created in the process. The domestic water supply remedy does not meet the threshold for requiring a water supply permit or a small water system permit.

- (ii) Within thirty (30) days from the effective date of this Stipulated CAO, the City of Ontario and City of Upland will take over providing alternative water supply to Affected Residences.
- (iii) Within ninety (90) days from the effective date of this Stipulated CAO, the City of Ontario and City of Upland will submit to the Regional Board a Workplan for those consenting Affected Residences currently receiving bottled water to be provided a water tank system or connected to the City's municipal water supply system. The Workplan will outline the approach to provide such water service with the following timeframes from the Regional Board's approval of the Workplan:
  - (1) Water service from existing water mains 3 months
  - (2) Water tank systems 6 months
  - (3) Water service from new water mains 18 months
- (iv) Within seven (7) days of notice of sampling of a residential domestic supply well, whose concentration of TCE is at or above 4 μg/L, the City of Ontario and City of Upland shall provide bottled water to the residence until such time as a water tank system or connection to the City of Ontario's municipal water supply system can be achieved.
- (v) Changes to the alternative water supply remedy are subject to approval by the Regional Board and may require submittal of a workplan outlining the proposed changes. Upon the Regional Board's written approval, the domestic water supply remedy shall be deemed complete and the City of Ontario and City of Upland shall have no further obligations to implement the domestic water supply remedy pursuant to this Stipulated CAO, except as provided below in Section 56(C).
- B. Plume Remedy.

#### **Design Reports**

- (i) Within seven hundred forty five (745) days from the effective date, IEUA shall submit to the Regional Board for the Executive Officer's approval (or his or her delegate's approval) a Design Report for the Northern Well to be constructed ("Northern Well Design Report") as part of the Plume remedy Work.
- (ii) Within six hundred (600) days from the effective date, IEUA shall submit to the Regional Board for the Executive Officer's approval (or his or her delegate's approval) a Design Report for all pipelines to be constructed ("Pipeline Design Report") as part of the Plume remedy Work.
- (iii) Within six hundred (600) days from the effective date, IEUA shall submit to the Regional Board for the Executive Officer's approval (or his or her delegate's approval) a Design Report for the modification of CDA decarbonators ("Decarbonator Design Report").
- (iv) Each Design Report shall comply with the general reporting requirements set forth in Section 57.
- (v) All Design Reports shall include, but not be limited to, the following information:
  - A detailed description of design specifications and locations;
  - (2) A detailed description of all activities that are needed or planned to complete construction of the design described in the report;
  - (3) An implementation schedule; and
  - (4) Where applicable, certification from the State Board Division of Drinking Water that approves the design criteria.

#### **Completion of Construction**

(vi) Within one thousand one hundred (1,100) days from the effective date, IEUA shall complete construction of all elements in the Northern Well Design Report.

- (vii) Within eight hundred fifty (850) days from the effective date, IEUA shall complete construction of all elements in the Pipeline Design Report.
- (viii) Within nine hundred fifty (950) days from the effective date, IEUA shall complete construction of all elements in the Decarbonator Design Report.
- (ix) Nothing in this Stipulated CAO shall be deemed to interfere with the Joint Facility Development Agreement executed on June 22, 2015, between the Settling Agencies and the CDA, or modify the obligations of the parties thereunder.

#### **Certification of Construction Completion**

- (x) For each Design Report above, IEUA shall submit a Completion of Construction request to the Regional Board for a Certification of Construction Completion. The Regional Board will review IEUA's request in accordance with Section 58.
- (xi) If the Regional Board concludes that construction of the Work in a specific Design Report is not complete, the Regional Board shall notify IEUA of the deficiencies. Such notice must include a description of the activities that IEUA must perform to complete the Plume remedy Work for the specific Design Report, and an implementation schedule.
- (xii) If the Regional Board concludes, based on the initial or any subsequent Completion of Construction request, that a specific Design Report is complete, the Regional Board shall issue a Certification of Work Completion to IEUA.
- (xiii) Upon the Regional Board's issuance of all three Certifications of Construction Completion, the Plume remedy Work shall be deemed complete and IEUA shall have no further obligations to construct or implement the Plume remedy Work pursuant to this Stipulated CAO, except as provided below in Section 56(C) and (E).
- of Upland shall be responsible for coordinating and conducting any and all ongoing monitoring of the Plume, unless the Regional Board orders or directs another public agency to conduct such monitoring. If the City of Ontario and the City of Upland are instructed to monitor the Plume, then the City of Ontario and City of Upland shall jointly submit an annual Plume Monitoring Report to the

Regional Board by December 31 of each year, until the Regional Board provides written authorization to discontinue the submittal of such Plume Monitoring Reports. Each Plume Monitoring Report shall comply with the general reporting requirements set forth in Section 57. Each Plume Monitoring Report shall include concentrations of TCE at all monitoring well locations. Within five years after initiation of remedial action, IEUA shall conduct the review required by statute and this Order to ensure that the remedy is, or will be, protective of human health and the environment and submit a report of its findings to the Regional Board.

- D. <u>Chino Basin Desalter Authority</u>. Upon issuance of the third and final Certification of Construction Completion as set forth in Section 56(B)(xiii), pursuant to the Joint Facility Development Agreement executed on June 22, 2015, between the Settling Agencies and the CDA, the CDA will continue maintaining and operating the Remedial Action in a manner consistent with the RAP until the Regional Board provides written authorization to discontinue operation of all or a portion of the Remedial Action. Notwithstanding the foregoing, the Parties acknowledge that CDA may suspend such operation if necessary to avoid a violation of the CDA's water supply permit(s), applicable drinking water standards, air quality regulations and/or other permit requirements applicable to the operation of Chino II Desalter (hereinafter "Applicable CDA Requirements").
- E. <u>Enforcement of the Remedial Action</u>. In the event CDA discontinues its operation of the Remedial Action prior to receiving written authorization from the Regional Board, for reasons other than avoiding a violation of Applicable CDA Requirements, then the Parties shall proceed as follows:
  - (i) If the Regional Board determines the Joint Facility
    Development Agreement is not being implemented, but
    should be, the Regional Board shall provide written
    notification to the Settling Agencies of such determination.
  - (ii) Upon receiving such notice from the Regional Board, the Settling Agencies agree to enforce the terms of the Joint Facility Development and the Regional Board agrees to support the Settling Agencies' efforts.
- F. Request for Extension of Time. If for any reason, the Settling Agencies are unable to perform any activity or submit any document in compliance with the schedule set forth herein, or in compliance with any work schedule submitted pursuant to this Stipulated CAO and approved by the Executive Officer, the Settling Agencies may request, in writing, an extension of the time specified. The extension request must be submitted at least 10 days in advance of the deadline in question and shall include justification for any delay including a description of the good faith effort performed to achieve compliance

with that deadline. The extension request shall also include a proposed time schedule to achieve compliance with the new proposed deadlines. Any modification to this Stipulated CAO, including but not limited to extensions of deadlines, shall be in writing and approved by the Executive Officer or his or her delegate.

#### **57.** REPORTING REQUIREMENTS

- A. <u>Signatory Requirements</u>. All Design Reports required under Section 55(B) shall be signed and certified by IEUA or by a duly authorized representative of IEUA. All Plume Monitoring Reports required under Section 56(C) shall be signed and certified by City of Ontario or by its duly authorized representative. All other reports required under this Stipulated CAO shall be signed and certified by each Settling Agency or by a duly authorized representative of each Settling Agency. A person is a duly authorized representative if: (1) the authorization is made in writing by the Settling Agency and (2) the authorization specifies either an individual or a position having responsibility for the overall operation of the regulated activity. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)
- B. <u>Certification</u>. Include the following signed certification with all reports submitted pursuant to this Stipulated CAO:

I certify under penalty of perjury under the laws of the State of California that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

- C. <u>Duty to Use Registered Professionals</u>. The Settling Agencies shall provide documentation that all Design Reports and Completion of Construction requests under this Stipulated CAO are prepared under the direction of appropriately qualified professionals. California Business and Professions Code sections 6735, 7835, and 7835.1 require that engineering and geologic evaluations and judgments be performed by or under the direction of registered professionals. The responsible registered professional shall sign and affix his/her registration stamp to the report, plan, or document.
- D. <u>Report Submittals</u>. All reports required under this Stipulated CAO shall be submitted in both hard copy and electronically to:

Santa Ana Regional Water Quality Control Board Attn: Kurt Berchtold, Executive Officer 3737 Main Street, Suite 500 Riverside, CA 92501-3348 Phone: (951) 782-4130 kberchtold@waterboards.ca.gov

#### 58. REGIONAL BOARD OVERSIGHT

- A. The Regional Board shall provide oversight over the requirements of this Stipulated CAO.
- B. The Regional Board shall review all reports and deliverables submitted pursuant to this Stipulated CAO. After review of any Design Report or Completion of Construction request that is required for Regional Board approval, the Regional Board shall, within ninety (90) calendar days: (1) approve the submission, in whole or in part; (2) approve the submission upon specified conditions; (3) disapprove the submission, in whole or in part; or (4) any combination of the foregoing. The Regional Board shall provide written notice of its decision to Settling Agencies and any further actions the Settling Agencies must take, if any.
- C. In the event a Settling Agency disputes the Regional Board's decision on any report or deliverable, or disputes any Regional Board act or failure to act in regards to implementing this Stipulated CAO, nothing in this Stipulated CAO prevents a Settling Agency from later petitioning the State Board to review the Regional Board's decision. Upon such petition, the Regional Board will not assert that the Settling Agency has previously waived or forfeited its right to petition the Regional Board's adverse decision under Water Code section 13320.

#### **59.** PAYMENTS FOR OVERSIGHT COSTS

The Settling Agencies have agreed to pay the Regional Board Oversight Costs by executing the Oversight Cost Agreement, attached hereto as Exhibit C.

#### **60.** MATTERS ADDRESSED

The "Matters Addressed" in this Stipulated CAO are all response actions taken or to be taken pursuant to the RAP and further identified in the Remedial Investigation and Feasibility Study, and all Oversight Costs and any Response Costs incurred or to be incurred, at or in connection with the Plume, by the Settling Agencies, the United States, the Companies, the Regional Board, or any other person.

#### 61. RELEASE AND COVENANTS

- A. Resolution of and Release from Liability. Except as provided below, the Santa Ana Water Board does hereby release and forever discharge the Settling Agencies, the United States and the Companies, and each of their respective past and present employees, officers, officials, directors, agents, successors, and assigns, from any and all claims, causes of action, damages, costs, and liabilities whatsoever, in law or in equity, known or unknown, asserted or unasserted, foreseen or unforeseen, that the Santa Ana Water Board may now have, or may later claim to have, under Porter-Cologne, the HSAA, or any other State statutes or common law (including claims based on nuisance or trespass), CERCLA or RCRA in connection with, or in any way related to, the Plume and/or Matters Addressed in this Stipulated CAO. Notwithstanding the foregoing, the Regional Board or State Water Resources Control Board may issue further orders to the Settling Agencies as may be necessary to address either or both of the following circumstances, should such circumstances occur: (1) CDA breaches its obligation under the Joint Facility Development Agreement to continue operation of the Remedial Action, and such breach is not cured by implementation of the procedures set forth in Section 56(E) herein to enforce CDA's obligations; or (2) there is a failure of the Domestic Water Supply Remedy that cannot be cured by enforcement of the terms of this CAO. This release shall survive the termination of this Stipulated CAO.
- B. Covenants by Santa Ana Water Board. Except as provided below), the Santa Ana Water Board covenants not to sue or to take administrative action against the Settling Agencies, the United States and the Companies under Porter-Cologne, the HSAA, any other State statutes or common law (including claims based on nuisance or trespass), CERCLA or RCRA in connection with, or in any way related to, the Plume and/or the Matters Addressed herein. Notwithstanding the foregoing, the Regional Board or State Water Resources Control Board may issue further orders to the Settling Agencies as may be necessary to address either or both of the following circumstances should such circumstances occur: (1) CDA breaches its obligation under the Joint Facility Development Agreement to continue operation of the Remedial Action, and such breach is not cured by implementation of the procedures set forth in Section 56(E) herein to enforce CDA's obligations; or (2) there is a failure of the Domestic Water Supply Remedy that cannot be cured by enforcement of the terms of this CAO. This covenant not to sue shall take effect upon the Effective Date and shall survive the termination of this Stipulated CAO. This covenant not to sue extends only to the Settling Agencies, the United States and the Companies and does not extend to any other person.
- C. Covenants by Settling Agencies, the United States and the Companies. Except for the United States' reservation in subdivision D, below, and the Settling Agencies' expressly reserved right under Sections 58(C) and 64(A) to file a petition under Water Code section 13320, their right to seek judicial review of the resolution of that petition under Water Code section 13330, and their right to dispute the Regional Board's Oversight Cost as provided in the

Oversight Cost Agreement, the Settling Agencies, the United States and the Companies covenant not to sue and agree not to assert any claims or causes of action against the Regional Board in connection with the Plume and/or the Matters Addressed herein. This covenant not to sue shall take effect upon the Effective Date and shall survive termination of this Stipulated CAO.

D. Reservation by the United States. The covenant not to sue set forth in subsection C does not include any release by the United States for any claims or actions regarding the Site brought by or on behalf of the United States Environmental Protection Agency (EPA) or a natural resource trustee. This Stipulated CAO shall not constitute and shall not be deemed or construed to be a settlement or modification of claims by the United States Environmental Protection Agency (EPA), and shall not in any way bar or affect the rights of EPA, or the Department of Justice on behalf of EPA or a natural resources trustee, to make or assert such claims, causes of action, suits or demands, or to take or seek such actions as EPA, or the Department of Justice on behalf of EPA or a natural resources trustee, deems appropriate with respect to the release, threatened release or presence of hazardous substances, toxic substances, contaminants, pollutants or wastes at the Site.

#### **62.** EFFECT OF SETTLEMENT

- A. Resolution of Liability. The Parties agree that this Stipulated CAO constitutes an administrative settlement with the Santa Ana Water Board, as an agency of the State of California pursuant to which each of the Settling Agencies, the United States and each of the Companies has, as of the Effective Date, resolved its liability to the State within the meaning of CERCLA sections 113(f)(2) and 113(f)(3)(B) regarding the "Matters Addressed" in this Stipulated CAO.
- B. <u>Contribution Protection</u>. The Parties agree that this Stipulated CAO constitutes an administrative settlement with the Santa Ana Water Board as an agency of the State pursuant to which each of the Settling Agencies, the United States and each of the Companies is entitled, as of the Effective Date, to protection from contribution actions, claims or counterclaims as provided by CERCLA section 113(f)(2), or as may be otherwise provided by law, regarding the "Matters Addressed" in this Stipulated CAO.
- C. Other Claims Barred. The Parties agree that entry into this Stipulated CAO shall bar any and all claims for contribution or indemnity against the Settling Agencies, the United States or the Companies arising out of the facts alleged herein. Such claims by any non-settling party are barred regardless of whether they are brought pursuant to Section 107 of CERCLA, Section 113 of CERCLA, or any other theory, as any claims against the Settling Agencies, the United States or the Companies arising out of facts alleged herein are in the

nature of contribution claims arising out of a common liability, whether framed in terms of federal or state statute or common law.

#### 63. NOTIFICATION OF PERFORMANCE UNDER SETTLEMENT AGREEMENT

- A. <u>Notification by the United States</u>. The United States shall notify the Regional Board that it has satisfied its payment obligation under paragraph 9 of the settlement agreement among the Settling Agencies, the United States and the Companies within thirty (30) days of so doing. In the event the United States does not provide the Regional Board with such notice, and subject to reasonable opportunity to cure the lack of notice, the releases and covenants from the Regional Board set forth in paragraphs 61 and 62 with respect to the United States shall become null and void.
- B. <u>Notification by the Companies</u>. The Companies shall notify the Regional Board that they have satisfied their payment obligation under paragraph 10 of the settlement agreement among the Settling Agencies, the United States and the Companies within thirty (30) days of so doing. In the event the Companies do not provide the Regional Board with such notice, and subject to reasonable opportunity to cure the lack of notice, the releases and covenants from the Regional Board set forth in paragraphs 61 and 62 with respect to the Companies shall become null and void.

#### **64.** GENERAL PROVISIONS

Duty to Comply. Failure to comply with the terms or conditions of this Stipulated CAO may result in additional enforcement action to compel compliance or seek civil penalties for non-compliance. Specifically, the Regional Board may issue an order establishing a time schedule under Water Code section 13308 to compel compliance with the terms of this Stipulated CAO; the Regional Board may seek the imposition of administrative civil liability pursuant to Water Code sections 13308 or 13350(a)(1) for failure to comply with the terms of this Stipulated CAO; and the Regional Board may refer the matter to the Attorney General of the State of California to seek relief in superior court under Water Code section 13304(a) to compel compliance with this Stipulated CAO and/or under Water Code section 13350(d)(1) to impose civil penalties for violation of the terms of this Stipulated CAO. Notwithstanding any other provision of this Stipulated CAO, the Settling Agencies, the United States and the Companies may oppose and defend against any action by the Regional Board and/or the Attorney General under this Section 64(A) by any means, including but not limited to the filing of a petition under Water Code section 13220 and seeking judicial review of the resolution of any such petition under Water Code section 13330.

#### B. <u>Force Majeure</u>.

- (i) For the purposes of this Stipulated CAO, "Force Majeure" is defined as any event arising from causes beyond the control of the Settling Agencies, any entity controlled by Settling Agencies, or Settling Agencies' contractors, that delays or prevents the performance of any obligation under this Stipulated CAO despite the Settling Agencies' best efforts to fulfill the obligation. "Force Majeure" does not include financial inability to complete the Work.
- (ii) If any event occurs or has occurred that may delay the performance of any obligation under this Stipulated CAO for which the Settling Agencies intend or may intend to assert a claim of Force Majeure, the Settling Agencies shall notify the Regional Board's Executive Officer within seven (7) business days of when the Settling Agencies first knew that the event might cause a delay. Within fourteen (14) business days thereafter, Settling Agencies shall provide to the Regional Board a written justification of the reasons for the delay; the anticipated duration of the delay; and all actions taken or to be taken to prevent or minimize the delay.
- (iii) If the Regional Board agrees that the delay or anticipated delay is attributable to a Force Majeure, the Regional Board will extend the time for performance of the obligation(s) affected by the Force Majeure, for such time as is necessary to complete the obligation(s). If the Regional Board does not agree that the delay or anticipated delay has been or will be caused by a Force Majeure, the Regional Board will notify the Settling Agencies in writing of its decision within fourteen (14) business days after receiving the written justification above.

#### C. Notices and Submissions.

(i) All notices, deliverables, approvals, requests, demands and other communications (collectively, "Notices") which the Parties are required or desire to serve upon or deliver to the other Party shall be in writing and shall be sent by U.S. mail, electronic mail, or courier, and addressed as set forth below:

#### To the Regional Board:

Name: Kurt Berchtold

Address: 3737 Main Street, Suite 500

Riverside, CA 92501

Email: kberchtold@waterboards.ca.gov

Phone: (951) 782-4130

#### To the City of Ontario:

Attn: City Manager
Al C. Boling
City of Ontario
City Hall
303 East "B" Street
Ontario, CA 91764
(909) 395-2396
Aboling@ci.ontario.ca.us

#### To the City of Upland:

Attn: City Manager City of Upland City Hall 460 N. Euclid Avenue (909) 931-4106 rbutler@ci.upland.ca.us

#### To IEUA:

Attn: General Manager Inland Empire Utilities Agency 6075 Kimball Avenue Chino, CA 91708 (909) 993-1730 jgrindstaff@ieua.org

#### To the United States:

Leslie M. Hill
United States Department of Justice
Environment & Natural Resources Division Environmental Defense
Section
P.O. Box 7611
Washington, D.C. 20044
(202) 514-0375
Fax: (202) 514-8865
Email: leslie.hill@usdoj.gov

#### <u>and</u>

Edwin Oyarzo TPS/ACR Attorney U.S. Air Force 50 Fremont Street, Suite 2450 San Francisco, CA 94105 Tel: (415) 977-8844 Email: edwin.oyarzo@us.af.mil

# To Aerojet Rocketdye Inc.:

William E. Hvidsten Aerojet Rocketdyne Inc. Senior Counsel, Environmental 2001 Aerojet Road Rancho Cordova, CA 95742-6418 (916) 351-8524 william.hvidsten@Rocket.com

# **To The Boeing Company:**

The Boeing Company
Attn: Steve Shestag
Director of Remediation
Environment Health & Safety
2201 Seal Beach Boulevard
MC 110-SB33
P.O. Box 2515
Seal Beach, CA 90740-1515
steven.l.shestag@boeing.com

# **To General Electric Company:**

Randy McAlister
Executive Manager, Environmental Remediation
GE Global Operations, Environment, Health & Safety
3135 Easton Turnpike
Fairfield, CT, 06828
(203) 373-3855
randall.mcalister@ge.com

### **To Lockheed Martin Corporation:**

Gene S. Matsushita Senior Manager – Environmental Remediation Lockheed Martin Corporation 2550 North Hollywood Way, Suite 406 Burbank, CA 91505 (818) 847-0197 gene.s.matsushita@Imco.com

- (ii) All Notices sent pursuant to this Stipulated CAO are effective upon receipt.
- D. <u>Amendment</u>. This Stipulated CAO, and any provisions herein, may not be amended unless by written instrument signed by all Parties and their counsel, except for changes of address or to the party notified in Section 64(C).
- E. <u>No Admission of Liability or Waiver</u>. The Parties expressly understand and agree that this Stipulated CAO is not to be construed as, nor does it constitute, an admission, evidence, or indication, in any degree, of liability by any Party for any claim, asserted or un-asserted, nor shall it be considered or interpreted as an assumption of any liability under applicable law.
- F. <u>No Third Party Rights</u>. Except as otherwise expressly provided herein with respect to CDA, nothing in this Stipulated CAO shall be construed to create any rights in, or grant any cause of action to, any person not a Party to this Stipulated CAO.
- G. <u>Good Faith</u>. Each Party agrees to exercise good faith and diligence to implement this Stipulated CAO.
- H. <u>Governing Law</u>. This Stipulated CAO shall in all respects be interpreted, enforced, and governed by and under the laws of the State of California and, to the extent CERCLA applies, the laws of the United States.
- I. <u>Authority</u>. The undersigned hereby represent and warrant that they are authorized to execute this Stipulated CAO on behalf of the entity or individual for which they are signing and may bind that entity or individual to the promises and obligations of this Stipulated CAO.
- J. <u>Counterparts</u>. This Stipulated CAO may be executed in counterparts, with each counterpart being interpreted as an original, and all of which, taken together, shall constitute one and the same instrument.

I, Kurt V. Berchtold, Executive Officer, do hereby certify that the foregoing is a full, true and correct copy of an order adopted by the California Regional Water Quality Control Board, Santa Ana Region, on September 16, 2016.

Kurt V. Berchtold

KtV. Bltl

Executive Officer

IN WITNESS WHEREOF, the Parties have agreed to the foregoing and hereby execute this Stipulated CAO.

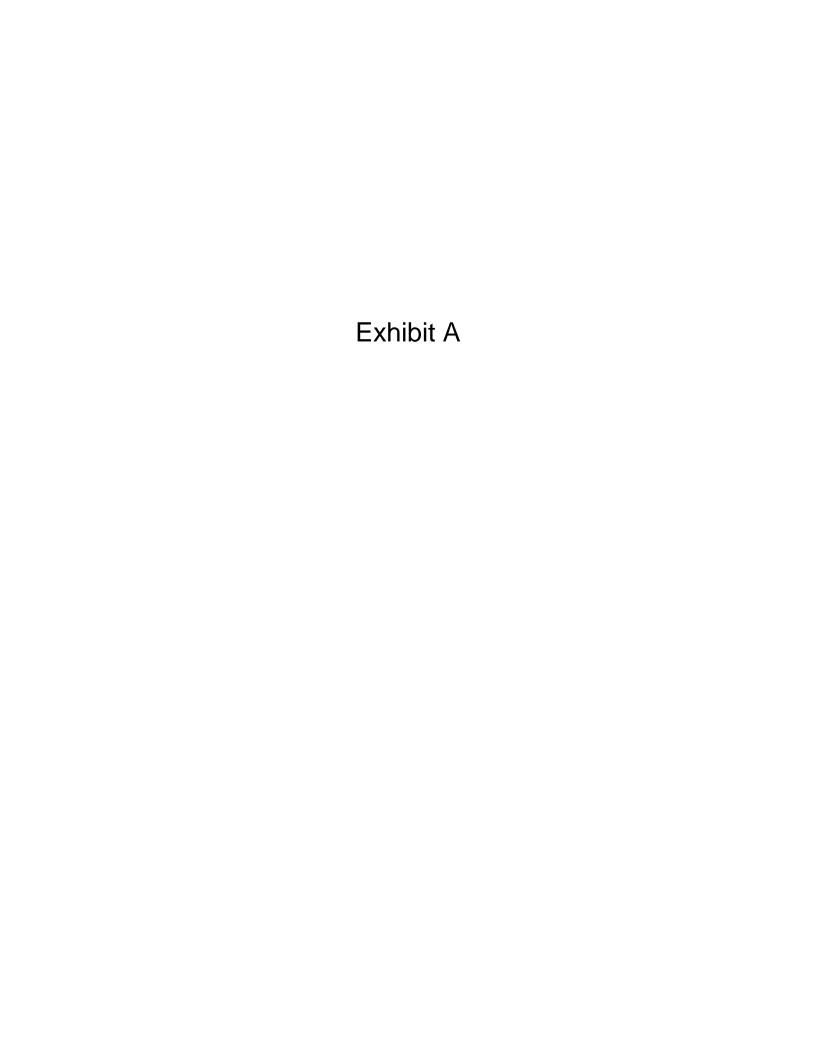
[signatures appear on following page]

# CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, SANTA ANA REGION

Date:	By:Kurt V. Berchtold
	Executive Officer
	CITY OF ONTARIO
Date:	Bv:
	By:Al C. Boling
	City Manager
	CITY OF UPLAND
Date:	By:
	City Manager
	, 3
	INLAND EMPIRE UTILITIES AGENCY
Date:	By:
	By: P. Joseph Grindstaff
	General Manager
	UNITED STATES
Date:	Ву:
	Leslie M. Hill
	Trial Attorney
	AEROJET ROCKETDYNE INC.
Date:	Rv:
Dale	By:

	THE BOEING COMPANY
Date:	By:
	GENERAL ELECTRIC COMPANY
Date:	Ву:
	LOCKHEED MARTIN CORPORATION
Date:	By:

2700436.1



# JOINT FACILITY DEVELOPMENT AGREEMENT BETWEEN INLAND EMPIRE UTILITIES AGENCY, CITY OF ONTARIO, CITY OF UPLAND, AND CHINO BASIN DESALTER AUTHORITY

This Joint Facility Development Agreement ("Agreement") is made and entered into as of 22 2015, by and among the INLAND EMPIRE UTILITIES AGENCY ("IEUA"), a municipal water district, the CITY OF ONTARIO ("Ontario"), a municipal corporation, the CITY OF UPLAND ("Upland"), a municipal corporation, and the CHINO BASIN DESALTER AUTHORITY ("CDA"), a joint exercise of powers authority, for the purpose of implementing plume mitigation measures which include constructing and operating a remediation facility to remove volatile organic compounds, including trichloroethylene (collectively, "TCE"), from the South Archibald Plume (as defined below) consistent with and in addition to the Chino Basin Optimum Basin Management Program ("OBMP"). IEUA, Ontario, Upland, and CDA are sometimes individually referred to herein as "Party" and collectively as the "Parties." IEUA, Ontario, and Upland are also sometimes collectively referred to as the "RP-1 Parties."

### **RECITALS**

- A. Groundwater data collected by the Santa Ana Regional Water Quality Control Board ("Regional Board") shows the presence of a TCE plume in the groundwater south of the Ontario International Airport and covering an area approximately 15,000 feet long by 6,000 feet wide ("South Archibald Plume"). The South Archibald Plume has impacted or will likely impact existing CDA wells. The South Archibald Plume is generally depicted on the map attached as Exhibit A.
- B. CDA extracts and treats groundwater from the lower Chino Basin and distributes the treated water to certain of its member agencies. CDA owns and operates a desalter facility in Jurupa Valley ("Desalter II"), which extracts and treats the groundwater with reverse osmosis, decarbonation and ion exchange processes. CDA is in the process of expanding the capacity of Desalter II by: (1) constructing three new wells; (2) constructing a pipeline to connect the three new wells to the existing CDA pipeline for the purpose of conveying the groundwater pumped from the new wells to Desalter II; and (3) adding a third decarbonator ("Planned Expansion Project").
- C. The Parties, along with Western Municipal Water District and Jurupa Community Services District, entered into a Memorandum of Understanding in May 2013 to work together to develop a project to address the South Archibald Plume that meets the needs of the region in a fiscally responsible and timely manner ("Plume Cleanup Solution").
- D. The Plume Cleanup Solution proposed by the RP-1 Parties is intended to achieve the objective of the 2013 Memorandum of Understanding by integrating additional improvements into the Planned Expansion Project that would remove TCE from the South Archibald Plume ("Cleanup Project"). The Cleanup Project is depicted on the map attached as Exhibit B, and is further defined in Section 2(a) below.

- E. The RP-1 parties funded several reports prepared on behalf of, and under the direction of, CDA to evaluate the technical and fiscal merit of the Cleanup Project. In addition, the RP-1 Parties provided technical data and analysis requested by CDA to evaluate the Cleanup Project.
- F. The Parties are public agencies with an interest in the sustainable health of the groundwater basin and protecting and maintaining a high quality groundwater supply for the communities served by them. The Parties desire to collaborate on the development and construction of the Cleanup Project. The RP-1 Parties will fund all incremental design and construction costs (over and above the Planned Expansion Project costs) for the Cleanup Project ("Cleanup Project Costs"). Subject to Sections 4(b) and 4(c), CDA will operate and maintain the Cleanup Project in connection with the operation of Desalter II, and Cleanup Project Costs do not include the cost of operating and maintaining the Cleanup Project after completion of construction thereof.
- G. In 2005, the Regional Board sent draft Cleanup and Abatement Orders to Aerojet-General Corporation, the Boeing Company, General Electric Company, Lockheed Martin Corporation (collectively "ABGL") and the United States regarding the South Archibald Plume.
- H. In September 2012, the Regional Board sent a draft Cleanup and Abatement Order ("draft CAO") to the RP-1 Parties. The draft CAO required, in part, the preparation and submission of a Feasibility Study and Remedial Action Plan for mitigating the effects of the South Archibald Plume.
- I. The Cleanup Project is intended to respond to the Regional Board's request for construction and implementation of a remedy to mitigate the effects of the South Archibald Plume in compliance with the draft CAO. This Cleanup Project objective is in addition to, and complementary to, the Parties' interest in the health of the groundwater basin and a high quality groundwater supply.
- J. CDA has not received any notice, cleanup and abatement order (draft or otherwise), or other request or order from the Regional Board or other governmental entity relating to the South Archibald Plume and is not a party to negotiations with ABGL relating to the South Archibald Plume.
- K. Recent investigations have confirmed that the South Archibald Plume is migrating south towards CDA's existing wellfield and towards the sites for the three proposed wells in the Planned Expansion Project. Some CDA well sites have already been impacted by detectible levels of TCE from the South Archibald Plume. If the Cleanup Project is not constructed, it is anticipated that the TCE impact to CDA's existing and proposed wells will increase over time.
- L. In late 2014, the CDA contracted with MWH to complete an evaluation assessing the technical merit of the proposed Cleanup Project ("MWH Report"). The MWH Report concluded that under various operational scenarios, the Cleanup Project consistently resulted in reduced TCE in final product water when compared to the no-project alternative. Yorke Engineering was retained to study the potential impacts of the Cleanup Project on TCE emissions from Desalter II (the "Yorke Study"). The Yorke Study concluded that the Cleanup Project

would not necessitate additional air pollution control equipment under South Coast Air Quality Management District rules.

M. Notwithstanding the Regional Board's draft CAO and ABGL's allegations and contentions, each of the Parties denies any responsibility or liability for the South Archibald Plume.

NOW THEREFORE, in consideration of the above recitals and for adequate consideration, the Parties agree as follows:

### **TERMS**

# 1. Cleanup Project Feasibility Study and Remedial Action Plan.

- (a) The RP-1 Parties shall be responsible for funding and completing the Feasibility Study and the Remedial Action Plan required for Regional Board approval of the Cleanup Project, including coordinating, completing and funding all public outreach, public review and/or public comments relating to the Cleanup Project.
- (b) The Parties will coordinate with each other regarding public statements made regarding the Cleanup Project. The Parties intend that planned public statements will be made available to the other Parties within a reasonable time prior to the publication of such statements. "Planned public statements" is intended to include, without limitation, press releases and press conferences and, whenever feasible, staff reports to be presented during public meetings of the Parties' governing boards.
- (c) The RP-1 Parties will keep CDA routinely and appropriately apprised of meetings or correspondence regarding the Cleanup Project, including finalization of the Feasibility Study and the Remedial Action Plan for the Cleanup Project and correspondence from the Regional Board. The Parties anticipate periodic meetings as appropriate during the course of design and construction of the Project.
- (d) The RP-1 Parties shall be responsible for making a good faith effort, and exercising reasonable diligence, to obtain approval of the Cleanup Project from the Regional Board.
- (e) CDA shall cooperate with and support the RP-I Parties' efforts to obtain the Regional Board's approval of the Cleanup Project, at no cost to CDA.

# 2. Design, Development and Construction of the Cleanup Project.

(a) The Cleanup Project consists of: (i) constructing a new 24-inch pipeline parallel to the existing CDA pipeline on Bellegrave Avenue connecting the Planned Expansion Project's new wells directly to the reverse osmosis and decarbonator treatment processes at Desalter II; (ii) modifying the existing decarbonators at Desalter II in a manner designed to remove 95% of the TCE from the influent; (iii) moving one of the Planned Expansion Project wells from the vicinity of South Archibald Avenue and Merrill Avenue, north approximately one mile to a location near the intersection of Edison Avenue and Cucamonga Creek (the "Northern

Well") and the incremental costs associated with the elevated levels of TCE expected during the development of the Northern Well; (iv) constructing a new pipeline to connect said Northern Well to the pipeline along Bellegrave Avenue; (v) adding a new pipeline connecting CDA's Well I-11 to the Planned Expansion Project pipeline at its anticipated new well at Site 2; (vi) modifying pumping equipment to transport water from CDA Well I-11 to the pipeline system leading to Desalter II; and (vii) equipping CDA's Well II-10, Well II-11 and the Northern Well with variable frequency drives and associated equipment required to adjust well output for cleanup of the South Archibald Plume. The component of the Cleanup Project described in clause (vii) of the immediately preceding sentence is referred to herein as the "VFD Component."

- (b) Subject to force majeure, CDA shall be responsible for undertaking all Cleanup Project management and construction activities within the schedule, including milestone deadlines, as required by the Regional Board (the "Cleanup Project Schedule"); provided, CDA shall have the right to approve the Cleanup Project Schedule, in CDA's reasonable discretion, prior to being bound by the Cleanup Project Schedule.
- (c) The Parties shall fully cooperate with one another in developing and implementing the Cleanup Project as described above and depicted in Exhibit B. CDA shall design and construct the Cleanup Project in a manner that incorporates the Cleanup Project into the Planned Expansion Project. CDA shall also act as the project manager for the design and construction of the Cleanup Project unless, within 90 days of the effective date of this Agreement, CDA provides the RP-1 Parties with notice that it has elected to have IEUA serve as the project manager.
- (i) CDA will keep the RP-1 Parties reasonably and appropriately apprised of the construction contracting process, including the final design of the Cleanup Project, the request for bids, the construction bids submitted, the award of the construction contract, and any bid protests or other challenge to the contracting process;
- (ii) CDA will obtain express approval from a designated representative of the RP-1 Parties prior to awarding each contract for the design and/or construction of the Cleanup Project and prior to approving any material change orders, including all change orders that will cause the Cleanup Project Costs for the applicable contract to exceed the contract price plus the planned contingency amount; and
- (iii) If, upon completion of the Cleanup Project's construction bidding process, the estimated total Cleanup Project Costs exceed the sum of \$10 million plus a reasonable construction contingency not to exceed ten percent (10%), the Parties shall consult with each other to reassess the scope and viability of the Cleanup Project before awarding any construction contracts; however, prior to award of the first construction contract for the Cleanup Project, each RP-1 Party shall have the right to terminate this Agreement.
- (d) CDA agrees to construct the Cleanup Project by awarding construction contract(s) in accordance with the process described in this Section 2 and by performing its obligations under said contract(s).

- (e) CDA shall be responsible for obtaining all regulatory approval(s) of the Cleanup Project and the Planned Expansion Project, other than approvals specified in Section 1(d). However, to the extent the Cleanup Project causes the cost of obtaining such regulatory approvals to be increased over the cost for the Planned Expansion Project regulatory approvals, the additional incremental cost of regulatory approvals for the Cleanup Project shall be funded by the RP-1 Parties as Cleanup Project Costs.
- **(f)** The Parties anticipate that CDA will be the lead agency for the evaluation of the environmental impacts, if any, of the Cleanup Project pursuant to the California Environmental Quality Act ("CEQA") and evaluation and clearance of the Cleanup Project pursuant to the National Environmental Policy Act ("NEPA"); provided that CDA shall coordinate closely with the RP-1 Parties in connection with such evaluation and clearance. The RP-1 Parties shall save, protect, pay for, defend (with counsel acceptable to CDA), indemnify and hold harmless CDA from and against any and all liabilities, suits, actions, claims, demands, damages, losses, costs or expenses (including, without limitation, consultants' fees, investigation and laboratory fees, attorneys' fees and costs) which may now or in the future be incurred or suffered by CDA by reason of, resulting from, or in connection with, CDA's compliance with CEQA and/or NEPA as lead agency in connection with CDA's approval of the Cleanup Project (collectively referred to herein as "CEOA/NEPA Liabilities"). The foregoing indemnity obligation shall survive the termination of this Agreement. At the request of the RP-1 Parties, CDA shall cooperate with and assist the RP-1 Parties in the defense of any such CEQA/NEPA Liabilities; provided that CDA shall not be obligated to incur any expense in connection with such cooperation or assistance.
- (g) CDA shall own the Cleanup Project, including the new pipelines, the Northern Well, and the modified decarbonators.

### 3. Funding and Financial Responsibilities for the Cleanup Project

- (a) Upon approval by the Parties of the Cleanup Project design and award of the first construction contract (with the approval of the RP-1 Parties), the RP-1 Parties shall fund all Cleanup Project Costs through completion of construction of the Cleanup Project at no cost to CDA. Without limiting the generality of the foregoing and notwithstanding anything to the contrary herein or in any other agreement between or among any of the Parties hereto, the Parties expressly agree that CDA shall have no obligation to fund any costs of design or construction of the Cleanup Project and that once the first construction contract for any portion of the Cleanup Project through completion. Whether CDA performs project management for the Cleanup Project and the Planned Expansion Project by using CDA staff or by retaining a third-party construction management company, the RP-1 Parties shall be responsible for all management costs attributable to the Cleanup Project's design and construction but the RP-1 Parties shall not be responsible for management costs attributable to the Planned Expansion Project.
- (i) This Agreement does not obligate the RP-1 Parties to fund CDA's O&M Costs (as defined in Section 4) or costs associated with the Planned Expansion Project.

- (b) The RP-1 Parties shall be responsible for: (i) pursuing grants, as appropriate, for the design and construction of Cleanup Project; and (ii) executing and administrating all grant-related activities and/or grant requirements for the Cleanup Project, except those that are the responsibilities of CDA under 3(d). Notwithstanding any provision herein, securing grants shall not be a condition precedent to the performance of any of the RP-1 Parties' obligations under this Agreement. Any grants obtained by the RP-1 Parties will be applied to reduce the RP-1 Parties' obligation to fund Cleanup Project Costs under Section 3(a).
- (c) The CDA shall fully cooperate with the RP-1 Parties in pursuit and administration of grants and shall work collaboratively with the RP-1 Parties to minimize the RP-1 Parties' Cleanup Project Costs.
- (d) Prior to award of each contract for design and/or construction of the Cleanup Project, (1) CDA shall submit a request for payment of the entire contract amount, plus a reasonable contingency not to exceed ten percent (10%) of the contract amount, to the RP-1 Parties and (2) the RP-1 Parties shall deposit the full requested amount into the Cleanup Project Account (defined below) within the time set forth in Section 3(d)(v) below. The same procedure shall apply to change orders in excess of the available contingency (i.e. monies already held by CDA) under each contract. Notwithstanding the foregoing provisions of this Section 3(d), the RP-1 Parties shall pay for the VFD Component of the Cleanup Project in accordance with Section 3(d)(vi) below.
- (i) CDA shall open and maintain a separate, interest-bearing account at Citizen's Business Bank or another financial institution mutually acceptable to the Parties (referred to herein as the "Cleanup Project Account") and shall deposit all moneys received from the RP-1 Parties under this Section 3 into the Cleanup Project Account and hold such moneys in the Cleanup Project Account until CDA disburses such moneys to pay for Cleanup Project Costs in accordance with this Agreement. All interest earned in the Cleanup Project Account shall be and remain the property of the RP-1 Parties in proportion to the amount of their respective deposits into the Cleanup Project Account. Disbursements from the Cleanup Project Account for Cleanup Project Costs shall not require the prior approval of the RP-1 Parties. CDA shall keep separate records for the Cleanup Project, including without limitation all deposits into and withdrawals from the Cleanup Project Account and all payments disbursed to consultants and/or contractors, and/or reimbursements to CDA, for Cleanup Project Costs in accordance with this Agreement.
- (ii) CDA will endeavor to structure the bidding and award process so that the deadline to award each contract is at least forty-five (45) days following the receipt of bids and will provide all bids received for each contract to the RP-1 Parties' designated representatives promptly upon receipt to enable the RP-1 Parties to provide input regarding the bids.
- (iii) CDA shall provide statements to the RP-1 Parties on a quarterly basis regarding: (A) the total contract price for each contract and change order awarded in connection with the Cleanup Project (and the corresponding deposits made to CDA by the RP-1 Parties), (B) the amount of Cleanup Project Costs actually disbursed by CDA to contractors and/or consultants; and (C) the estimated total Cleanup Project Costs to be incurred by the end of

the following quarter, including whether the Cleanup Project Costs are expected to exceed \$8 million or \$10 million by the end of the following quarter. The RP-1 Parties shall have the right to audit CDA's determination of the costs, expenses, credits and all other accounting pursuant to this Section 3(d)(i), and CDA will cooperate with any such audit by providing information and documentation requested by the RP-1 Parties to perform such audit.

- (iv) Except as specifically otherwise provided in this Agreement, the RP-1 Parties' obligations under this Agreement are joint, including obligations for payment of all Cleanup Project Costs.
- Upon CDA's delivery to the RP-1 Parties of a demand for payment (v) pursuant to Section 3(d), the RP-1 Parties shall have twenty (20) Business Days to deliver the requested amount to the Cleanup Project Account. In the event the full amount requested by CDA is not deposited within such time frame, CDA shall deliver notice to the RP-1 Parties of the deficiency and the RP-1 Parties shall have ten (10) additional Business Days to deposit the remaining amounts into the Cleanup Project Account. In the event the full amount requested by CDA in accordance with Section 3(d) is not deposited into the Cleanup Project Account within the time periods described in this paragraph, CDA shall not be required to award the subject contract and CDA shall return the moneys received from the RP-1 Parties for such contract. if any, to the RP-1 Parties from which such money was received. In such event of non-payment by the RP-1 Parties, CDA shall terminate any previously-awarded design contracts at the earliest time permitted by the terms of such contracts, except design contracts that are necessary for the completion of a previously-awarded construction contract. Notwithstanding the preceding sentence, CDA shall have the right to complete any previously-awarded construction contracts for the Cleanup Project and any design contracts necessary for the completion of any previouslyawarded construction contracts for the Cleanup Project (collectively, the "Ongoing Contracts") and the RP-1 Parties shall remain responsible for the cost to complete all such Ongoing Contracts including any cost overruns. In the event CDA exercises its right to complete an Ongoing Contract, upon completion of all Ongoing Contracts and CDA's acceptance of the completed components of the Cleanup Project constructed pursuant to such Ongoing Contracts, this Agreement shall automatically terminate.
- (vi) The RP-1 Parties shall pay for the VFD Component by depositing the lump sum amount of \$250,000 into the Cleanup Project Account within twenty (20) Business Days prior to the award by CDA of the contract for the equipping of Well II-10, Well II-11 and/or the Northern Well, whichever contract is awarded first. The lump sum amount set forth in the immediately preceding sentence shall constitute the full obligation of the RP-1 Parties with respect to the costs of the VFD Component.

# 4. Operation and Maintenance of the Cleanup Project.

(a) As used herein, the term "O&M Costs" shall mean the total of all direct and indirect expenses and replacement costs incurred by CDA in the operation and maintenance of the Cleanup Project and CDA's facilities, including, but not limited to, operating labor, repair labor, payroll taxes, employee benefits, training costs, permits, consultants (engineers, auditors, attorneys, and inspectors), materials, insurance, communications, utilities cost, supplies, chemicals, tools, vehicles, minor modifications, tests and sampling, contaminant handling and

disposal, costs of repairs, modification and replacement of facilities and equipment used for remediation, together with all necessary expenses in connection therewith.

- (b) CDA shall maintain and operate the Cleanup Project, including pumping groundwater from the Northern Well to the Desalter II in a manner consistent with the Remedial Action Plan as approved by the Regional Board, provided, however, that CDA may suspend such operation to avoid violation of CDA's water supply permit(s), applicable drinking water standards, air quality regulations and/or other permit requirements applicable to the operation of Desalter II, to the extent such regulations and requirements are in effect from time to time (the "Applicable Requirements").
- (c) Neither CDA nor the RP-1 Parties shall have any obligation under this Agreement to construct new or additional facilities to avoid violation of the Applicable Requirements and, in the event CDA is unable to avoid a violation of the Applicable Requirements due (in whole or in part) to its operation of the Cleanup Project facilities, CDA shall have the right, in its reasonable discretion, to stop operating all or a portion of the Cleanup Project facilities for the shortest period of time required to avoid non-compliance with the Applicable Requirements. CDA shall resume operation of all or a portion of the Cleanup Project facilities if and when they may be operated in compliance with such laws, regulations, standards or permit conditions. The Parties recognize, however, that the suspension of operations described in this paragraph may be permanent.
- (d) CDA shall fully cooperate with the RP-1 Parties and the Regional Board in operating and maintaining Desalter II and its facilities, and shall provide information or data to the RP-1 Parties necessary to comply with Regional Board reporting requirements, if any.
- (e) In the event CDA's O&M Costs attributable to the Cleanup Project are higher than projected by the MWH Report and related analysis conducted in development of the Cleanup Project, the Parties may enter into good-faith negotiations to identify actions that will avoid, decrease or apportion among the Parties the higher than projected O&M Costs.

# 5. Future Plume Monitoring Efforts.

- (a) The Parties acknowledge that after construction of the Cleanup Project is completed, the Regional Board may require further monitoring of the TCE contamination in or around the current area of the South Archibald Plume as part of the Cleanup Project ("Future Plume Monitoring").
- (b) The RP-1 Parties shall be responsible for coordinating, conducting and funding any and all Future Plume Monitoring that are not otherwise completed by CDA, ABGL, the United States or Watermaster.
- (c) CDA shall not be responsible for coordinating, conducting or financing Future Plume Monitoring, but shall cooperate with the RP-1 Parties and shall take any additional acts or sign any additional documents as may be necessary, appropriate or convenient, for the RP-1 Parties to conduct Future Plume Monitoring. Nothing in this Agreement is intended to relieve the CDA of any of its monitoring requirements that are independent of the Future Plume Monitoring relating to the Cleanup Project.

- 6. <u>Effective Date</u>. This Agreement shall become effective and binding upon the Parties on the first day following the execution of the Agreement by all Parties.
- 7. <u>Term.</u> The term of this Agreement shall commence on the Effective Date and continue through the date the Regional Board provides written authorization to terminate operation of the Cleanup Project.
- 8. <u>Alternative Drinking Water Supplies.</u> Nothing in this Agreement shall be interpreted to make CDA responsible for supplying alternative drinking water to the communities affected by TCE from the South Archibald Plume.
- 9. <u>Denial of Responsibility</u>. The Parties each deny any responsibility for the South Archibald Plume.
- 10. Cooperation of Parties. The Parties shall fully cooperate with one another, and shall undertake reasonable additional actions and sign additional documents as may be necessary, appropriate or convenient to attain the purposes of this Agreement, including the procurement of funding and minimizing expenses to reduce each Party's respective obligations to contribute to Cleanup Project Costs, O&M Costs, and/or costs associated with Future Plume Monitoring; provided that this Section is not intended to modify the allocation among the Parties of the responsibility to pay Cleanup Project Costs, O&M Costs or Future Plume Monitoring costs otherwise set forth in this Agreement.
- 11. Consideration. Each of the Parties will receive good and valuable consideration in exchange for the obligations they assume under this Agreement, as explained in the recitals and in this Section 11. First, since each of the Parties has an interest in the sustainable health of the groundwater basin and protecting and maintaining a high quality groundwater supply for the communities served by them, the Cleanup Project's benefit to these interests is consideration. Second, the fact that the Cleanup Project responds to the Regional Board's allegations against the RP-1 Parties is consideration for the RP-1 Parties' obligations under this Agreement even though the RP-1 Parties deny responsibility for the South Archibald Plume. Third, CDA is anticipated to benefit from the Cleanup Project because if the Cleanup Project is not constructed, it is anticipated that the TCE impact to CDA's existing and proposed wells will increase over time.
- Board's Settlement with the RP-1 Parties and approval of the Cleanup Project is an express condition precedent to the rights and obligations of all Parties under this Agreement. If, after making a good faith effort and exercising reasonable diligence to obtain approval of the Cleanup Project from and Settlement with the Regional Board, any of the RP-1 Parties determine that such approval cannot be obtained, the objecting RP-1 Party will provide notice to all Parties. Upon such notice that the condition precedent in this Section 12 cannot be satisfied, this Agreement shall be deemed null and void and none of the Parties will have any rights or obligations whatsoever under this Agreement.
- 13. Notice. All notices or other communications required to be given pursuant to this Agreement shall be in writing, and, except as otherwise provided herein, shall be effective upon

personal delivery or three (3) days after deposit in the United States mail, with first-class postage fully paid, addressed as follows:

IEUA: Attn: General Manager

Inland Empire Utilities Agency

6075 Kimball Avenue Chino, CA 91708

with a copy to: Attn: Greg

Attn: Gregory J. Newmark

Meyers, Nave, Riback, Silver & Wilson

633 W. 5th Street, Suite 1700 Los Angeles, CA 90071

Ontario: Attn: City Manager

City Hall

303 East "B" Street Ontario, CA 91764

with a copy to: Attn: Gene Tanaka and John Holloway

Best Best & Krieger LLP

2001 N. Main Street, Suite 390 Walnut Creek, CA 94596

Upland: Rod Butler, City Manager

City of Upland P.O. Box 460

Upland, CA 91786

with a copy to: Attn: Richard Adams II

City Attorney Jones & Mayer

3777 N. Harbor Boulevard Fullerton, CA 92835

CDA: Attn: Curtis Paxton, General Manager/CEO

Chino Basin Desalter Authority 2151 S. Haven Avenue, Suite 202

Ontario, CA 91761 Tel (909) 218-3729 Fax

(909) 218-3777

cpaxton@chinodesalter.org

with a copy to:

Attn: Allison E. Burns, General Counsel

Stradling Yocca Carlson & Rauth 660 Newport Center Drive, Suite 1600

Newport Beach, CA 92626

Tel (949) 725-4000 Fax (949 823-5187 aburns@sycr.com

14. Exclusion from Scope of Agreement. Notwithstanding any provision to the contrary, this Agreement does not address and has no effect on any claims, demands, action, causes of action and rights, in law or in equity, in the nature of an administrative proceeding or otherwise (known, unknown, contingent, accrued, inchoate or otherwise), which the Parties have or may have, now or in the future, against parties who may be responsible for the South Archibald Plume.

## 15. Dispute Resolution

- (a) In the event of a dispute regarding this Agreement, which cannot be resolved by good faith negotiations, including a dispute concerning a Party's financial obligations, the Parties will submit the dispute to non-binding mediation in the Los Angeles Office of Judicial Arbitration and Mediation Services, Inc. ("JAMS"). The Parties will share in the cost of such mediation.
- (b) If mediation is not successful in resolving the dispute or the Parties elect to waive mediation, then each Party shall have the right to pursue any and all remedies such Party may have available to it in law or equity.
- (c) The provisions of this Section 15 will not apply to prevent any Party from initiating or maintaining any suit necessary to prevent irreparable harm, including but not limited to loss of its claim due to passage of the relevant statute of limitations for that claim, that could otherwise occur during the time necessary to pursue the dispute resolution procedures set forth herein.

#### Miscellaneous.

- (a) <u>Incorporation of Recitals</u>. The recitals set forth above are incorporated herein and made an operative part of this Agreement.
- (b) <u>Entire Agreement</u>. With the exception of any agreements among the RP-1 Parties regarding the Cleanup Project, this Agreement contains the entire understanding between the Parties with respect to its subject matter, and supersedes all prior agreements, oral or written, and all prior or contemporaneous discussions or negotiations between the Parties.
- (c) <u>Amendment.</u> This Agreement cannot be amended except in writing signed by all Parties.

- (d) No Waiver. Any failure or delay on the part of any Party to exercise any right under this Agreement shall not constitute a waiver of the right, and shall not preclude such Party from exercising or enforcing the right, or any other provision of this Agreement, on any subsequent occasion.
- (e) <u>Headings</u>; <u>Section References</u>. Captions and headings appearing in this Agreement are inserted solely as reference aids for ease and convenience; they shall not be deemed to define or limit the scope or substance of the provisions they introduce, nor shall they be used in construing the intent or effect of such provisions.
- (f) <u>Severability</u>. If any provision of this Agreement is determined by a court to be invalid or unenforceable as written, the provision shall, if possible, be enforced to the extent reasonable under the circumstances and otherwise shall be deemed deleted from this Agreement. The other provisions of this Agreement shall remain in full force and effect so long as the material purposes of the Agreement and understandings of the Parties are not impaired.
- (g) <u>Binding Effect; Assignment</u>. This Agreement shall be binding on and inure to the benefit of the Parties, and their respective successors and permitted assigns. Each Party shall have the right to assign its rights and all of its obligations under this Agreement with the written consent of the other Parties, provided, however, that the other Parties shall not unreasonably withhold such consent.
- (h) Governing Law. This Agreement is a contract governed in accordance with the laws of the State of California.
- (i) <u>Counterparts</u>. This Agreement may be executed in counterparts, each of which will be deemed an original. A photocopy, PDF, or fax reproduction of an original copy of the Agreement shall be of the same binding effect as the original
- (j) <u>Authority</u>. The persons signing below represent and warrant that they have the requisite authority to bind the Party on whose behalf they are signing.
- (k) No Inducement or "Drafting Party". Each of the Parties have had the opportunity to, and have to the extent each deemed appropriate, obtained legal counsel concerning the content and meaning of this Agreement. Each of the Parties agrees and represents that no promise, inducement or agreement not expressed in this Agreement has been made to effectuate this Agreement, and that this Agreement represents the entire agreement between the Parties. Each of the Parties' respective legal counsel have reviewed and approved this Agreement. The rule of construction that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of this Agreement.
- (I) No Third Party Rights. Except as expressly provided herein, nothing in this Agreement shall be deemed to create any rights in favor of, or to inure to the benefit of, any third parties, or to waive or release any defense or limitation against third party claims.
- (m) Relationship of Parties. Nothing contained herein shall be deemed or construed to create the relationship of principal and agent, or partnership or joint venture, or any association between the Parties, and none of the provisions contained in this Agreement or any

act of the Parties shall be deemed to create any relationship other than as specified herein, nor shall this Agreement be construed, except as expressly provided herein, to authorize any Party to act as the agent for the other.

[Signatures follow on the next page]

The Parties have executed this agreement, eff	ective as of the date set forth in Section 7
above.	
INLAND EMPIRE UTILITIES AGENCY	CITY OF ONTARIO
By: P. Joseph Grindstaff	By: Al C. Boling
General Manager	City Manager
Date: 6/17/15	Date:
CITY OF UPLAND	CHINO BASIN DESALTER AUTHORITY
By: Rod B. Butler City Manager	By: Curtis D. Paxton General Manager/CEO
Date:	Date: 6/4/15

The Parties have executed this agreement, effective as of the date set forth in Section 7 above.

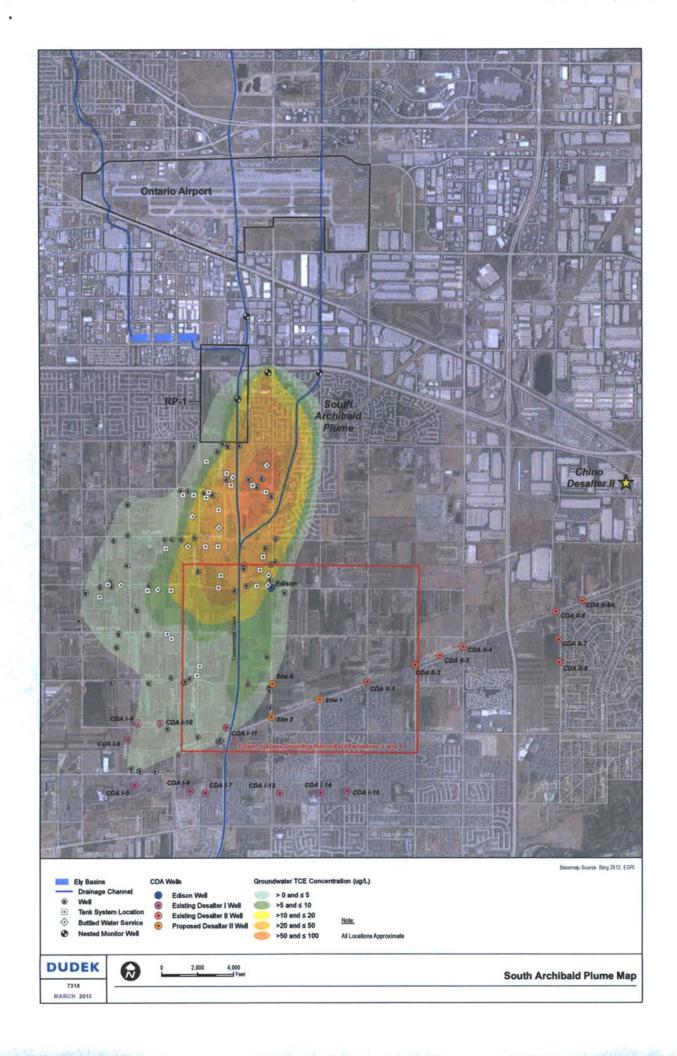
INLAND EMPIRE UTILITIES AGENCY	CITY OF ONTARIO
Ву:	By:
P. Joseph Grindstaff	Al C. Boling
General Manager	City Manager
Date:	Date:
CITY OF UPLAND	CHINO BASIN DESALTER
-01 2 211	AUTHORITY
By: Rod B. Butler	By: Curtis D. Paxton
City Manager	General Manager/CEO
Date: 6/18/2015	Date: 06/04/2015

The Parties have executed this agreement, effective as of the date set forth in Section 7 above.

INLAND EMPIRE UTILITIES AGENCY	CITY OF ONTARIO
By: P. Joseph Grindstaff General Manager	By: Al C. Boling City Manager
Date:	Date: 6/16/15
CITY OF UPLAND	CHINO BASIN DESALTER AUTHORITY
By:Rod B. Butler	By: Curtis D. Paxton
City Manager	General Manager/CEO
Date:	Date:

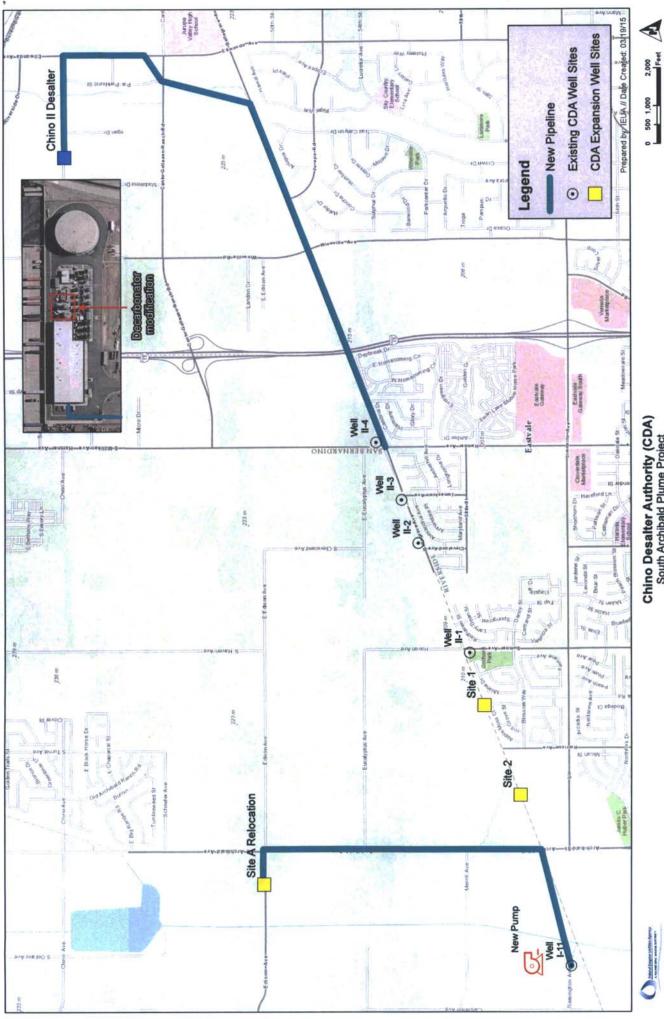
# EXHIBIT A

# SOUTH ARCHIBALD PLUME



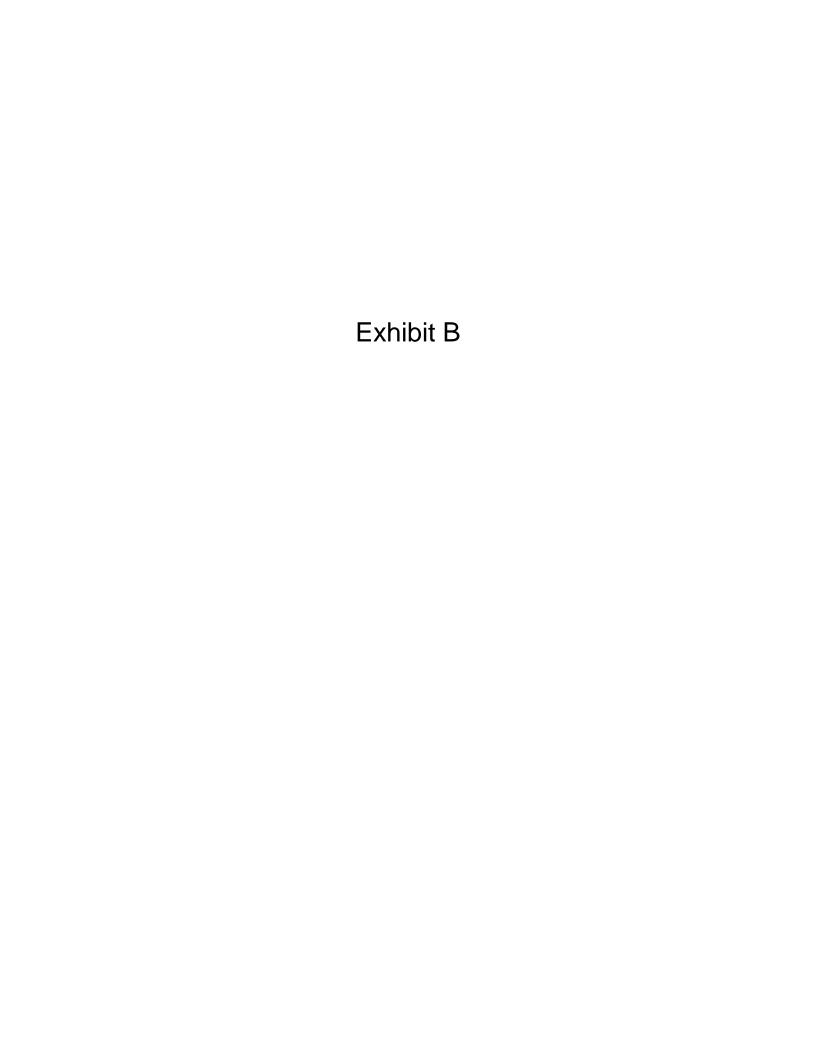
# EXHIBIT B

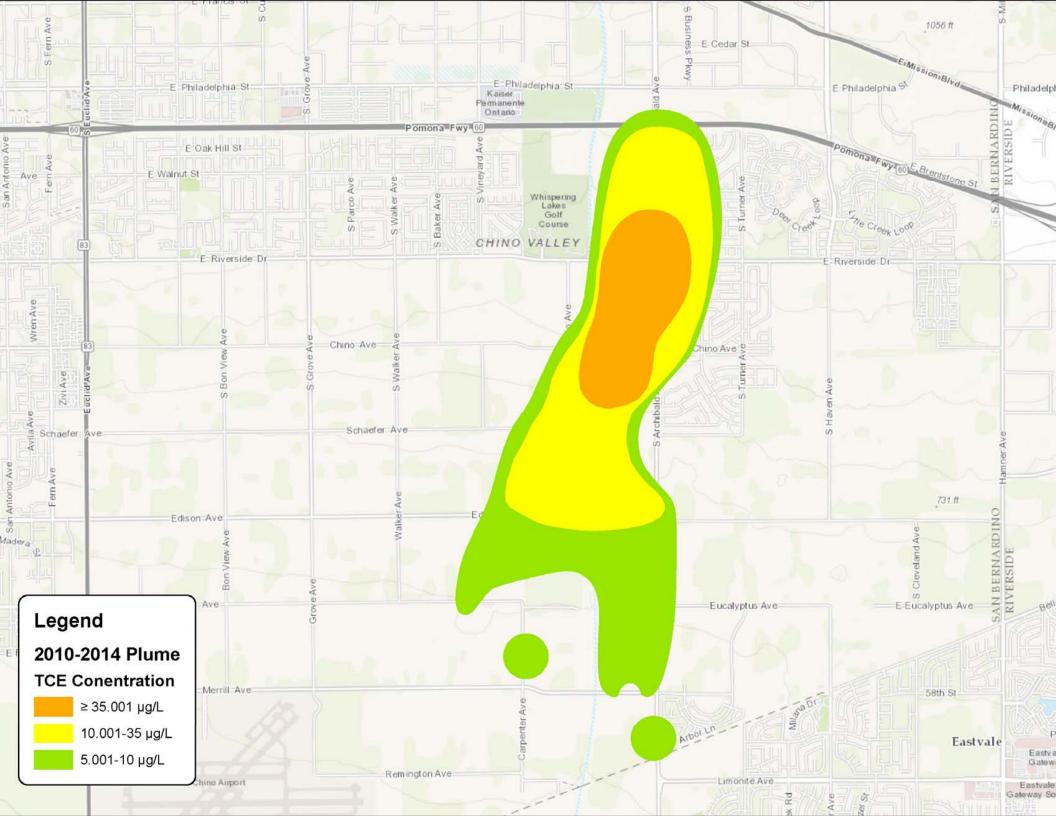
# PROPOSED CLEANUP PROJECT

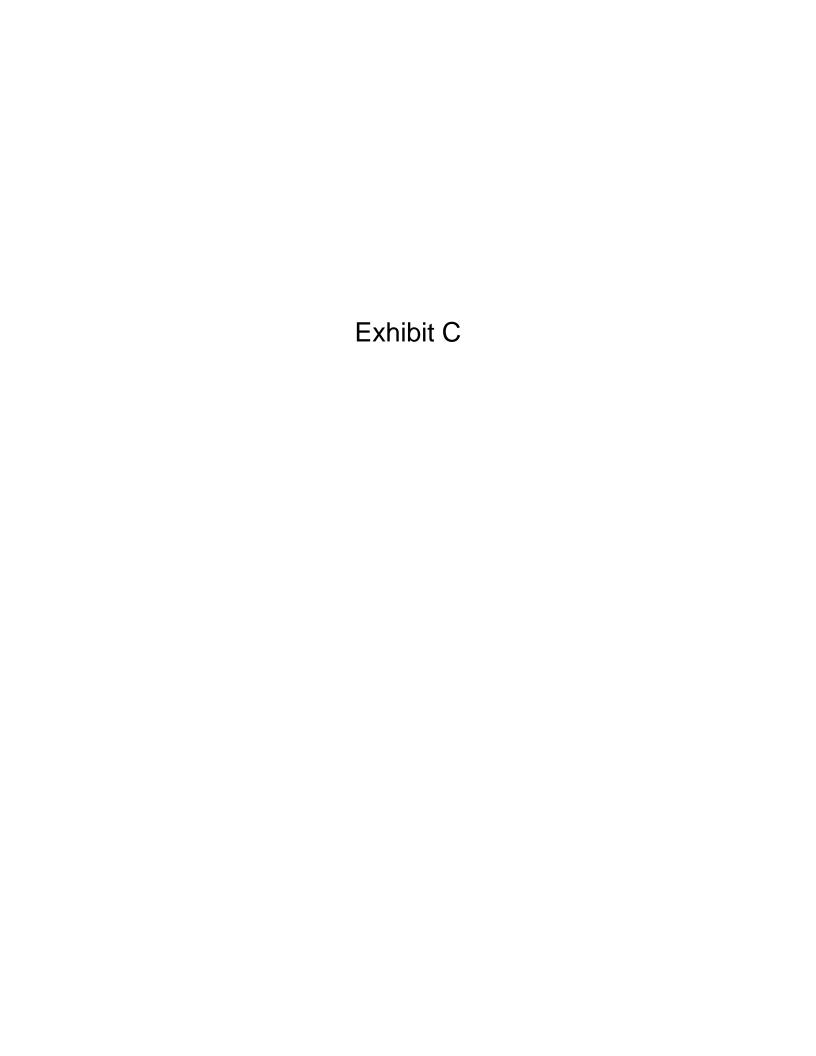












# ACKNOWLEDGMENT OF RECEIPT OF OVERSIGHT COST REIMBURSEMENT ACCOUNT LETTER

I,	Gene Tanaka	, acting with	in the authority vested in me as an
authoriz	ed representative of Citie	s of Ontario, Upland and Inl	and Empire Utilities acknowledge that I
have rec	ceived and read a copy of	the attached REIMBURSEME	NT PROCESS FOR REGULATORY
OVERS	IGHT and the cover letter	dated June 16, 2015, concern	ing cost reimbursement for Regional
Board s	taff costs involved with ov	versight of cleanup and abaten	nent efforts at the South Archibald
trichlor	oethylene (TCE) plume, C	entral Chino Basin, Ontario C	alifornia. The site is located in the
vicinity	of the intersection of East	t Riverside Drive and South A	rchibald Avenue, Ontario, California.
I unders	tand the reimbursement p	rocess and billing procedures	as explained in the letter. The
undersi	gned is willing to participa	ate in the cost recovery progra	m and pay all subsequent billings in
accorda	nce with the terms in your	letter and its attachments, and	to the extent required by law. I also
understa	and that signing this form	does not constitute any admis-	sion of liability, but rather an intent to pay
for cost:	s associated with oversigh	it, as set forth above, and to the	e extent required by law. Billings for
paymen	t of oversight costs should	i be mailed to the following in	dividual and address:
	•	BILLING CONTACT	Gene Tanaka
		BILLING ADDRESS	Best Best & Krieger LLP
			2001 N. Main Street, Suite 390
			Walnut Creek, CA 94596
		TELEPHONE NO.	(925) 977-3300
	RESPONSIBL	E PARTY'S SIGNATURE	Gr. Tz
			(Signature)
			Attorney for City of Ontario
			(Title)
		DATE:	June 30, 2015
		restan.	2017-07-47-17
Staff		•	

Staff:

# Lehnus, Kathy

From: Molina, Maria <mmolina@sbcfire.org>
Sent: Friday, February 17, 2017 11:54 AM

To: Lehnus, Kathy

Subject: RE: Update on Recent FOIA Request

# Hello Kathy,

The files for that address look the same, I didn't see any new information. Unless there's a complaint against them, that wouldn't be in the file, otherwise they look the same.

# Maria Molina San Bernardino County Fire Department

From: Lehnus, Kathy [mailto:KLehnus@partneresi.com]

Sent: Thursday, February 16, 2017 4:42 PM

To: Molina, Maria

Subject: Update on Recent FOIA Request

Hi Maria,

I am following up on a request submitted on my behalf last July (attached) for 8731 Eucalyptus Avenue in Ontario.

Is there any way to know if there are new files since that July request? I don't expect there to be any new files.

Thanks, Kathy

Kathy Lehnus, CPG, LEP Senior Project Manager

### PARTNER ENGINEERING AND SCIENCE, INC.

1761 East Garry Avenue, Santa Ana, CA 92705

Direct: 714-477-8673 | Fax: 818-475-0179 | Cell: 657-247-1304



please consider the environment before printing this e-mail

#### CUPA



San Bernardino County Fire Department • Hazardous Materials Division 620 S. E St., San Bernardino, CA 92415-0153 • (909) 386-8468 FAX (909) 386-8460

# REQUEST FOR A CERTIFIED HAZARDOUS MATERIALS RECORDS SEARCH FINDING REPORT

The main focus of a REQUEST FOR A CERTIFIED HAZARDOUS MATERIALS RECORDS SEARCH FINDING REPORT is to determine whether there exists in San Bernardino County Fire Department (County Fire) files any record relating to contamination or reports of spills at a particular site. A Certified Hazardous Materials Records Search Finding Report should reveal whether there are any facilities at the site that are subject to current or past regulatory activity by County Fire, such as underground storage tanks, hazardous material handlers, hazardous waste generators, and EPCRA or CalARP facilities, as well as any reports of spills, incidents, complaints, or cleanup activity, that can be a useful tool in providing a history of compliance or non-compliance.

Once County Fire has completed its records search, a Certified Hazardous Materials Records Search Finding Report will be prepared and issued, which will detail all County Fire records associated with a particular site by type, date, location, and status where applicable. (Any files identified in a Certified Hazardous Materials Records Search Finding Report can be made available for copies and/or review upon request.)

If the completed records search reveals no County Fire record of hazardous material activity at the site, a Certified Hazardous Materials Records Search Finding Report will be issued, noting that "no records" were identified.

Please provide a specific site address or location description. If a situs address does not exist or cannot be found, list another type of location identifier such as Assessor Parcel Number (preferable), cross streets or intersections (e.g., NWC 5<sup>th</sup> Ave. & Main St.), and/or legal description, and if possible attach a map to this request form.

	SITE INFO				
Property Owner or Business Name	Location (Site Address and/or Ass	essor Parcel No.)		City/Community	
Minaberry	8731 EUG	caluptus	tre	Onta	NO
Please provide your name, the compa	ny you represent, and contact in	formation below.			
	REQUESTOR IN	FORMATION			
NAME JANUT TENTLE		sultant	Partn		ginewity
512 San Marcos Rd San Dimas CA 91773					
714 858-0579 909 593-2406 Janet tentler @ gmail. com					
So that we may provide better service, please check one or more of the boxes below which best describe how the findings of the Certified Hazardous Materials Records Search will be used and/or your relationship to the property in question.			findings of the		
PURPOSE OR RELATIONSHIP TO PROPERTY					
1. Phase I site assessment or due diligen	ce AT THE SITE	7. Owner or	operator of the fa	cility or property	v
7. Owner or operator of the facility or property 2. Environmental professional involved with remediation AT THE SITE  8. Potential buyer			,		
3. Phase I site assessment or due diligence NEARBY					
4. Environmental professional involved with remediation NEARBY					
5. Proposed School Site (1/4 mi, search for AHM)					
6. Proposed Drinking Water Well					
AGENCY USE					
Certified Record Search Finding Report issued:			Reta	erence No:	
Certified No Record Finding Report issued:			<del></del>	ount Paid:	
		<del></del>		eipt No.:	
·	The second section of the section of the sect		D-4	<u> </u>	

# \*\* IMPORTANT -THIS PAGE MUST BE SIGNED PRIOR TO SUBMITTAL \*\*

DISCLAIMER: While all attempts are made to provide accurate, current, and reliable information, County Fire recognizes the possibility of human error. Therefore, County Fire, its officers, employees, agents and volunteers, make no representations as to the accuracy, completeness or suitability of a Certified Hazardous Materials Records Search Finding Report "as is", with no warranties, express or implied, including the implied warranty of fitness for a particular purpose. In no event shall County Fire be liable for any damages of any nature whatsoever, arising out of the issuance of a Certified Hazardous Materials Records Search Finding Report. County Fire therefore assumes no liability for damages incurred directly or indirectly as a result of any errors, omissions or discrepancies in a Certified Hazardous Materials Records Searcf Finding Report.

RELEASE AND INDEMNIFICATION: In consideration for the issuance of a Certified Hazardous Materials Records Search Finding Report, I hereby release and forever discharge County Fire, its officers, employees, agents and volunteers from any and all claims actions, losses, damages and/or liability in connection with County Fire's issuance of a Certified Hazardous Materials Records Search Finding Report, including, but not limited to, claims that may arise due to the active or passive negligence of County Fire, its officers employees, agents and volunteers.

I am familiar with the provisions of California Civil Code Section 1542, which provides as follows:

"A general release does not extend to claims which the creditor does not know or suspect to exist in his or her favor at the time o executing the release, which if known by him or her must have materially affected his or her settlement with the debtor."

I hereby expressly waive any and all rights that I may have there under. I understand and acknowledge the significance and consequence of this specific waiver of California Civil Code Section 1542 and assume full responsibility for any injuries, damages losses or liabilities that I may hereafter discover as possibly resulting from County Fire's issuance of a Certified Hazardous Material: Records Search Finding Report.

In further consideration for County Fire's issuance of a Certified Hazardous Materials Records Search Finding Report, I hereby agree, for myself, my heirs, administrators, executors and assigns, that I shall indemnify, defend (with counsel approved by County and hold harmless County Fire, its officers, employees, agents and volunteers from any and all claims, demands, actions or suits arising out of or in connection with County Fire's issuance of a Certified Hazardous Materials Records Search Finding Report brought by any third party.

I have read the above terms and conditions, including the paragraphs entitled "DISCLAIMER" and "RELEASE ANI INDEMNIFICATION", and by my signature below, I affirm that I understand these terms and conditions and accept them as part of my REQUEST FOR A CERTIFIED HAZARDOUS MATERIALS RECORDS SEARCH FINDING REPORT.

I hereby request a Certified Hazardous Materials Records Search Finding Report for the location described on Page 1 of this application.

- ☐ I am including payment of the initial fee of \$130.00, for the first hour of research, by check or money order, payable to San Bernardino County Fire Dept. I understand that research exceeding one hour will be billed at the rate of \$130.00 for each additional hour spent by County Fire in completing this request.
- ☐ I have faxed or emailed this request and will forward payment along with the original request form within 48 hours.

REQUESTOR'S SIGNATURE		
SIGNATURE OF REQUESTOR  JAMUST JUNEAU  JAMUST JUNEA	DATE 7/15/16	

Rev. 2/13/2014

# SAN BERNARDINO COUNTY **FIRE DEPARTMENT**

OFFICE OF THE FIRE MARSHAL HAZARDOUS MATERIALS DIVISION 620 South "E" Street . San Bernardino, CA 92415-0153 (909) 386-8401 • Fax (909) 386-8460



**COUNTY OF SAN BERNARDINO** 

MARK A. HARTWIG Fire Chief/Fire Warden

July 25, 2016

16071803 Ontario Ral Partner

PARTNER ENGINEERING 512 SAN MARCOS RD. SAN DIMAS, CA 91773

ATTENTION:

JANET TENTIER

SUBJECT:

CERTIFIED RECORD SEARCH FINDINGS

8731 EUCALYPTUS AVENUE, ONTARIO, CALIFORNIA

This is to confirm that the San Bernardino County Hazardous Materials Division has identified records that may pertain to the subject site, as described in your request for records search.

The file(s) shown below have been retrieved for review. If you wish to view the original documents, please e-mail this office at mmolina@sbcfire.org or call the number at the end of this letter to arrange an appointment.

ACTIVE PERMIT FACILITIES: (Regulatory files for facilities with annual operating permits to maintain underground storage tanks, handle hazardous materials, and/or generate hazardous waste. Files include permits, inspections, reports, test results, correspondence, and related materials. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities still in operation).

Minaberry Dairy 8731 Eucalyptus Avenue FA0010990 ~ CERS ID. 10052116

Hazardous Materials 4-10 Chemicals Handler Permit

Ontario

(Last CERS Submission: 10/28/2014)

INACTIVE PERMIT AND/OR NON-PERMIT FACILITIES: (Inactive regulatory files for formerly permitted facilities that maintained underground storage tanks, stored hazardous materials, and/or generated hazardous waste and/or facilities with underground storage tanks removed and/or materials and waste removed. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities no longer operating underground tanks).

Bouma Dairy

FA0000364

8731 Eucalyptus Ave.

Hazmat Handler - UST Only Permit

Ontario

Underground Storage Tank Permit(s)

# PERMITS TO REMOVE/INSTALL/MODIFY UNDERGROUND STORAGE TANKS:

No permits to remove/install/modify underground storage tanks identified in this search.

\*Letter in file dated August 23, 2008, Martin Bouma issued a statement of due diligence, dated 11/6/2000, stating that farm tanks at 8731 Eucalyptus Avenue, Ontario formerly Bouma Dairy, were removed with San Bernardino

**Board of Supervisors** 

**GREGORY C. DEVEREAUX** Chief Executive Officer

ROBERT A. LOVINGOOD ......First District JANICE RUTHERFORD.....Second District JAMES RAMOS ...... Third District GARY C. OVITT ...... Fourth District

JOSIE GONZALES ..... Fifth District

County oversight. An inspection by our department on May 17, 2007 indicates that the original parcel is still a dairy farm. There is no record of legal UST removal or sampling with oversight by our department. On January 20, 2009, this department review a report dated December 1, 2008 submitted by Earth Systems Southwest. Based on information in this report and findings in the field, this department confirms completion of site investigation and remedial action requirements.

HAZARDOUS MATERIAL INCIDENT AND/OR COMPLAINT RESPONSE ACTIVITY: (other records of spill notifications and/or complaints not listed below may also exist in facility permit files).

No record of hazardous material incidents and/or complaint response activities identified in this search.

**SITE REMEDIATION:** (Underground Storage Tank Clean-Up under Local Oversight Program or Voluntary Hazardous Waste Clean-Up activity under Local Jurisdiction) (documents may be included in regular active or inactive permit files listed above).

Bouma Dairy 8731 Eucalyptus Ave.

Ontario

RO0001270 Closed 1/20/2009

Site # 2008013/SD0001247

Records searched include permit database systems for facilities with permits as hazardous waste generators, hazardous materials handlers, and/or underground storage tanks, including inactive and/or out of business records; logs of permits issued for the removal and/or installation of underground storage tanks; records and databases pertaining to illicit dumping and releases; records of non-permitted facilities; sites undergoing remediation for contaminated soil and/or groundwater; and incidents responded to by the hazardous materials emergency response team. Records searched date back to early 1980's. Please note if a facility has completed a submission in CERS, the most recent submission can be made available for review upon request.

Records consist of 2 file(s), 1 ½" thick combined. To request a file review appointment or further clarification, please contact this office (909) 386-8468 or by email to <a href="mailto:mmolina@sbcfire.org">mmolina@sbcfire.org</a>.

Donna Juday

DONNA JUDAY Account Representative Office of the Fire Marshal Hazardous Materials Division

\*We will copy up to forty (40) pre-selected pages from a file at a charge \$0.10 per page copied. (Be prepared to make this payment at the time of service). If the copies selected exceed forty (40) pages or if you want a copy of the entire file and it exceeds forty (40) pages, we will refer you to a private copy service. If you prefer to bring a portable copier on site, you may do so. Please let us know your plans in advance so that accommodations can be made.

# SAN BERNARDINO COUNTY CUPA CERTIFIED UNIFIED PROGRAM AGENCY ANNUAL PERMIT

MINABERRY DAIRY MINABERRY DAIRY 8888 EUCALYPTUS ONTARIO, CA 91762 This Unified Permit is hereby issued to: MINABERRY DAIRY 8731 EUCALYPTUS **ONTARIO, CA 91762** 

Permit is issued to Facility: FA0010990 for a period not to exceed one year from effective date.

Effective Date: 6/1/2015

Expiration Date: 5/31/2016

CUPA Facility Type: 5012-CUPA ANNUAL ADMIN PERMIT PROGRAM FEE-LEVEL 2

Permit Number

**Program Element** 

Related ID

PT0018933

4243 HAZARDOUS MATERIALS 4-10 CHEMICALS

PR0017816

Permitted by: San Bernardino County CUPA 620 South "E" Street San Bernardino, CA 92415-0153 (909) 386-8401

Mike Horton, Fire Marshal

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT. THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

# **OUNTY FIRE DEPARTMENT**

FFICE OF THE FIRE MARSHAL HAZARDOUS MATERIALS DIVISION 620 South "E" Street • San Bernardino, CA 92415-0153 (909) 386-8401 • Fax (909) 386-8460

SITE # 2008013

UF SAN BERNARDINO PUBLIC AND SUPPORT SERVICES GROUP

PAT A. DENNEN Fire Chief County Fire Warden

January 20, 2009

MINABERRY FAMILY LLC 8888 EUCALYPTUS AVENUE ONTARIO, CA 91762

ATTENTION: HENRY MINABERRY

SUBJECT: NO FURTHER ACTION, MINABERRY DAIRY, 8731 EUCALYPTUS AVENUE, ONTARIO, CA 91761

The Department has reviewed a report dated December 1, 2008 submitted by Earth Systems Southwest. Based upon information in the report and findings in the field, this letter confirms completion of site investigation and remedial action requirements. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is the Department's position that no further action is required at this time. Sample results taken in the former underground storage tank area did not indicate the presence of hydrocarbon or fuel constituents.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at the site. Nor does it relieve you of the responsibility to clean up existing, additional, or previously identified conditions at the site which cause, or threaten to cause, pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings, or site usage.

If you have any further questions, please call me at (909) 386-8419.

action linteringer

JÁCKSON CRUTSINGER, R.E.H.S., R.H.S.P. HAZARDOUS MATERIALS SPECIALIST III HAZARDOUS MATERIALS DIVISION SITE REMEDIATION/LOCAL OVERSIGHT PROGRAM

cc: Jim Leininger, Vander Dusen & Haringsma Jim Goyich P.G. Earth Tech

MARK H. UFFER County Administrative Officer NORMAN A. KANOLD istant County Administrator

Board of Supervisors

BRAD MITZELFELT ... First District DENNIS HANSBERGER ... Second District GARY C. OVITT ... JOSIE GONZALES ... Fifth District

Fourth Dist

PUBLIC AND SUPPORT SERVICES GROUP

> PAT A. DENNEN Fire Chief County Fire Warden

OFFICE OF THE FIRE MARSHAL HAZARDOUS MATERIALS DIVISION 620 South "E" Street • San Bernardino, CA 92415-0153 (909) 386-8401 • Fax (909) 386-8460

August 23, 2008

MINABERRY DAIRY 8731 EUCALYPTUS AVENUE ONTARIO, CA 91762

ATTN: HENRI MINABERRY - PARTNER

RE: UNDERGROUND STORAGE TANKS 8731 EUCALYPTUS AVE., ONTARIO CA

This Department inspected the above referenced location in response to archived information indicating that this property previously or presently has hazardous materials (i.e., petroleum products) stored in underground storage tank(s). A summary of the information obtained during the inspection and information maintained by this Department in the facility file follows:

- Martin Bouma issued a statement of due diligence, dated November 6, 2000, stating that farm tanks at 8731 Eucalyptus Avenue, Ontario, formerly Bouma Dairy, were removed without San Bernardino County oversight.
- An inspection by this Department on May 17, 2007 indicates that the original parcel is still a dairy farm.
- There is no record of legal UST removal or sampling with oversight by this Department.

This letter will be placed in the facility file as a notice to future buyers of the possibility that USTs may have been abandoned or removed without complete documentation or oversight from this Department. This letter does not constitute a release of liability for the site or declaration that the site is free from contamination. Should future projects or environmental investigation reveal contaminants on site, the property owner is responsible and held liable for site investigation and remedial action.

Should you have any questions, please contact me at 909 386-8419.

Angela Samayoa, REHS

Hazardous Materials Specialist II

**Underground Storage Tank Program/Site Remediation** 

# COUNTY FIRE DEPARTMENT

th

HAZARDOUS MATERIALS DIVISION
FIELD SERVICES • ENVIRONMENTAL PROTECTION
385 North Arrowhead Avenue, Second Floor • San Bernardino, CA 92415-0153
(909) 387-3080 • Fax (909) 387-4323



COUNTY OF SAN BERNARDING

PETER R. HILLS Fire Chief County Fire Warden

### AGRICULTURAL UNDERGROUND STORAGE TANK STATEMENT OF DUE DILIGENCE

(Fill out all of the information below. Incomplete statements will be considered invalid)	AL:
Name of Property Owner TJB Investments	_
Establishment Name Rouma DAIRY	_
Establishment Address 8731 Eucalyptus Ave-	
Phone Number (909) 947-4349	
Establishment Number	
Number of underground storage tanks	
I certify under penalty of law that farm tanks reportedly located on my propert	y have:
been removed without San Bernardino County oversight.	
never existed to the best of my knowledge. I have performed research and record of their existence.	find no
I understand that should I receive information to the contrary, I will supply that information to the San Bernardino County Fire Fire Department, Hazmat Divis thirty days.	
Martin Bouma 11-6-	2000
MANTIN BOUMA Print Name Print Name Title	er
Time	
Social Security/Federal 1D# Driver's Lice	ense/ID# /

620 South "E"	San Berna Street, San Be
	620 South "E"

San Parrentin C CUPA
San Bernardino County Fire Department • Hazardous Materials Division 620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org
HAZARDOUS WASTE GENERATOR AND HAZARDOUS MATERIALS HANDLER INSPECTION REPORT
FA #: 10990 Facility Name: Inspection
Site Date: Felyway 24 2014
Address: 4731 Eucalystus Avenue
City: 47-7405
Inspect Tehnorous News 100
Refer to Title 19 and Title 22 of the California Code of Paguileting Agency Title:  # Emp: Yes/No.
Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapter 6.5 and 6.95 of the California Health and Safety Code (CHSC) and Division 3 of Title 2 of the San  THE FOLLOWING SECTIONS ARE THE SAME TO SAME THE SAME TO SAME THE SAME TH
General Requirements:
LJ 101.7201. Hazardous Wasta and/anti-
104. EPA ID Number not obtained to
Compliance Requirement: Obtain permanent EPA ID Number by submitting Form 1358 to DTSC. Submit your EPA ID Number to this Division.  Compliance Requirement: Facility must release. (CCR 66265.31)
106. Facility not operated to prevent a spill or release. (CCR 66265.31)  Compliance Requirement: Facility must conduct housekeeping & operate to prevent all spills. Signature on coefficients.
107. A Contingency Plan has not been cataly institution of the continue on cataly and the continue of the cont
202. A Business Plan has not been established (Quee -
203 Ap. 1 3 203 Ap. 1 2 205 Ap. 1 2 205 Ap. 1 20 205 Ap. 1 205 Ap.
203. A Business Plan has not been submitted / updated. (CHSC 25505)
Compliance Requirement Submit the original and one copy of the Business Emergency/Contingency Plan to this Division. NOTE: You must keep a current copy of your Business Emergency/Contingency Plan onsite and available at all times.
131. Training documentation not complete or available. (CCR 66262.34(d)(2))  Compliance Requirement: Submit training documentation or several submit training do
203. A Business Plan has not been submitted / updated. (CHSC 25503.5)  Compliance Requirement Submit the original and one copy of the Business Emergency/Contingency Plan to this Division. NOTE: You must keep a  Compliance Requirement: Submit training documentation not complete or available. (CCR 66262.34(d)(2))  Container Storage and Labeling Requirements:
170. Fidzardous waste containers are not to
111. Hazardous waste label is incomplete. (CCR 66262.34(f)(3)) Forth by do as not generate waste.
112. Accumulation start date is missing from tank/continer. (CCR 66262.34(f)(2))  Compliance Requirement: Hazardous waste locations. (CCR 66262.34(f)(2))
113. Accumulation time exceed the land waste label is to be applied to the tank/container. All fields and line
Dispose of Waste Using a licensed
14. Hazardous waste container not sound. (CCR 66265.171)  15. Hazardous waste container not sound. (CCR 66265.171)
Waste container leaking. (CCR 66265 173/b))
Compliance Requirement: Waste containers must be sound, not leaking and closed when not in use.  Management: Waste containers must be sound, not leaking and closed when not in use.
nazardous waste managed unlawfully. (CHSC 25154)
Ompliance Requirement. Hazardous waste containers
appropriate). Waste is to be removed by a licensed waste hauler within the allowed time periods.
100 do 101 3 years. (CCR 66262 40(a))
pliance Requirement - 2 A waste disposal records for 3 years. (CHSC 25160.2(b)(3))
Submit copies of waste disposal records for the part
awful management of used oil filters. (CCR 66266.130)
liance Requirement: Label all used oil filter containers with "DRAINED USED OIL FILTERS" and the accumulation start date.
Vairy
1 11 11 11
Emplode Received By: He Wil
Sign Name  Sign Name  Title: OWNER MANKEE
Drian Wade / Report
Print Name Date: 12 VV V DOV
e yellow copy of this form within 30 days with the required documents listed in each "Compliance Requirement" section.
and the documents listed in each "Compliance Requirement" section.
et the compliance requirements of this
-/ ten: // Ludon) 10-28-14
15-21060-638 Rev. 207 DISTRIBUTION WAS CITED TO

DISTRIBUTION: White - CUPA File Yellow

# SAN BERNARDINO COUNTY FIRE DEPARTMENT HAZARDOUS MATERIALS DIVISION 620 SOUTH E STREET SAN BERNARDINO, CALIFORNIA 92415

WORKPLAN
ENVIRONMENTAL SOIL SAMPLING
MINABERRY DAIRY
8731 EUCALYPTUS AVENUE
ONTARIO, SAN BERNARDINO COUNTY
CALIFORNIA

November 11, 2008

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File No.: 50255-01 Doc. No.: 08-11-741



Archibeld Center
9804 Crescent Center Drive, Suite 601
Rancho Cucamonga, CA 91730
(909) 484-5455 FAX (909) 484-595

November 11, 2008

File No.: 50255-01 Doc. No.: 08-11-741

San Bernardino County Fire Department Hazardous Materials Division 620 South E Street San Bernardino, California 92415

Attention:

Mr. Jackson Crutsinger

Subject:

Work Plan

**Environmental Soil Sampling** 

Project:

Minaberry Dairy

8731 Eucalyptus Avenue

Ontario, San Bernardino County, California

Earth Systems Southwest (ESSW) is pleased to submit this work plan to conduct environmental soil sampling at the above referenced site. Note that this work plan was prepared for submittal to the San Bernardino County Fire Department, Hazardous Materials Division (SBCFD). It was prepared to stand as a whole and no part should be excerpted or used in exclusion of any other part.

Thank you for the opportunity to be of service. If you have any questions regarding this document or the information contained herein, please contact this office.

Respectfully submitted,

EARTH SYSTEMS SOUTHWESTIAL G

Jim Goyich, RG 6325

Senior Geologist

ESA/jg/dy

Distribution: 2/James Leininger

2/Mr. Jackson Cruisinger, SBCFD

I/RC File 2/BD File

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File No.: 50255-01 Doc. No.: 68-11-1-11

# WORKPLAN ENVIRONMENTAL SOIL SAMPLING MINABERRY DAIRY 8731 EUCALYPTUS AVENUE ONTARIO, SAN BERNARDINO COUNTY, CALIFORNIA

### 1.0 INTRODUCTION

ESSW presents this work plan to conduct environmental soil sampling at the location of two former underground storage tanks [USTs] at the Minaberry Dairy, located at 8731 Eucalyptus Avenue, Ontario, San Bernardino County, California. The work is being conducted for the former property owner to evaluate the potential presence of hydrocarbon contamination at these two locations. The scope of this work plan was designed to meet the requirements of the SBCFD.

### 2.0 SITE DESCRIPTION AND LOCATION

The Minaberry Dairy is located at 8731 Eucalyptus Avenue, Ontario, San Bernardino County, California. The site consists of an operating dairy on the south side of Eucalyptus Avenue. Two USTs, were formerly located on the site. The area of the former tanks has been paved with concrete.

The location of the site is presented in Figure 1. The site is located in Section 16, Township 2 South, Range 7 West, San Bernardino baseline and meridian. The site elevation is approximately 680 feet above mean sea level (msl). The site is relatively flat. Surface water generally flows by sheet flow to the south.

# 3.0 GEOLOGY AND HYDROGEOLOGY

The site is located in the Upper Santa Ana Valley, a broad alluvial and fluvial plain located within Los Angeles, Orange, Riverside, and San Bernardino Counties, California (DWR Bul. 40-57, 1957). The Upper Santa Ana Valley is a southwesterly draining basin bounded by the San Gabriel and San Bernardino Mountains on the north and east, the Puente and San Jose Hills on the west, and the Jurupa Hills and Santa Ana Mountains on the south. The mountain ranges on the north and south, and the basement rock underlying the Valley, are primarily composed of granitic and metamorphic rock. The hills to the west are comprised of Miocene sandstone, shale, siltstone and conglomerate. Within the Valley, the basement complex is overlain by a series of unconsolidated and semi-consolidated continental alluvial and fluvial sediments eroded from the surrounding mountain ranges.

The depth to groundwater at the site was evaluated by reviewing the Western Municipal Water District (WMWD) database for the Cooperative Well Measuring Program for the Valley. The closest well was State Well # 2S7W16P also located in Section 16. The depth to water in this well was 117.40 feet below ground surface on February 15, 1997.

### 4.0 SCOPE OF SERVICES

On November 17, 2008, one soil-probe will be drilled at each of the reported locations of the former USTs. Undisturbed (intact) soil samples will be recovered at depths of 8, 12, and 20 feet.

File No.: 50255-01 Doc. No.: 08-11-741

Samples will be obtained, prepared, stored, transported, and analyzed by appropriate Environmental Protection Agency [EPA] methods. The samples will be screened by an organic vapor analyzer (or similar device) to evaluate the soil for evidence of hydrocarbon contamination. If evidence of hydrocarbon contamination is detected during the drilling operation, you will be notified. Samples will be analyzed for total petroleum hydrocarbons as gasoline, diesel fuel, benzene, toluene, ethyl benzene and xylenes (BTEX), and methyl tert-butyl ether (MTBE) by EPA Method 8015/8021B. All three samples will be tested from each of the two soil probes (6 samples total).

If groundwater is encountered during sampling, the probe will be terminated and a sample of the groundwater will be collected according to SBCFD guideline. All wet zones above the free water zone shall be noted on the log of the soil probes.

The two soil probes will be backfilled in accordance with San Bernardino County Code, Section 36.032, 36.034, and 36.0314.13. All soil probes shall be described using the Unified Soil Classification System and shall be logged by a professional geologist who is registered or certified by the State of California and who is experienced in the use of the Unified Soils Classifications System. All drilling and sampling tools shall be cleaned before a soil probe is started.

### 4.1 Environmental Soil Sampling Objectives

The objectives of the activities described in this Work Plan are to:

- 1. Collect data needed to evaluate the current conditions in the area of the former UST locations.
- 2. Further evaluate the concentrations of total petroleum hydrocarbons.

### 4.2 Sample Locations

The soil-probe locations were selected to collect data from the areas of the former UST locations. This will allow an evaluation of the conditions of the soil in these areas. The locations were selected with the help of dairy staff familiar with the locations of the USTs prior to their removal. The sample depths were suggested by the county to target the area beneath the former USTs.

### 4.3 Field Activities

The following field activities are planned for the soil sampling:

- 1. Our Health and Safety Plan will be updated to cover the field activities in accordance with state and federal requirements and ESSW corporate guidelines.
- 2. Underground Service Alert was contacted (DigAlert No. A83150983) so that the soil probe locations will not conflict with underground utilities;

File No.: 50255-01 Doc. No.: 08-11-741

- 3. One soil-probe will be drilled at the reported locations of the former USTs (2 total) using a Macro Core Geoprobe Sampler. At each location, samples will be retrieved at depths of 8, 12, and 20 feet below the ground surface.
- 4. Each location will be abandoned with bentonite and concrete.
- 5. All samples will be chilled in a cooler and taken to Microbac Laboratories in Riverside, California, for the analysis of petroleum hydrocarbons.

### 4.4 Methods

The methods to be utilized during this study will be consistent with industry standard practices and are designed to provide reliable, accurate information regarding subsurface conditions. Drilling activities will be performed under the supervision of a Registered Geologist. The soil probes will be logged using the Unified Soil Classification System. Visual and olfactory evidence of contamination will be noted on the soil probe logs. The soil probe logs will be included in the report on the project. If evidence of contamination is identified, the client will be notified as soon as practical.

### 5.0 SCHEDULE

The fieldwork is expected to begin on November 17, 2008, following approval of this work plan by the SBCFD. The drilling will be completed in one day. The laboratory analyses will be performed on a standard one-week turn-around basis. A report of our findings should be available about 20 working days after completion of the fieldwork.

### 6.0 LIMITATIONS

This work plan has been prepared for the exclusive use of the San Bernardino County Fire Department, Hazardous Materials Division. The recommendations and scope of services rendered in this work plan are opinions based on readily available information obtained to date within the scope of the work authorized by the client. The scope of services for this project was developed to address the needs of the client and may not meet the needs of other users. Any other use of or reliance on the information and opinions contained in this report without the written authorization of ESSW is at the sole risk of the user.

This work plan is based upon the information acquired from the client and SBCFD. It is possible that variations exist beyond or between points explored during the course of previous studies, and that changes in conditions can occur in the future due to the works of man, contaminant migration, variations in rainfall, temperature, and/or other factors not apparent at the time of the field work.

The services performed by ESSW will be conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the site vicinity. No warranty or guarantee is expressed or implied.

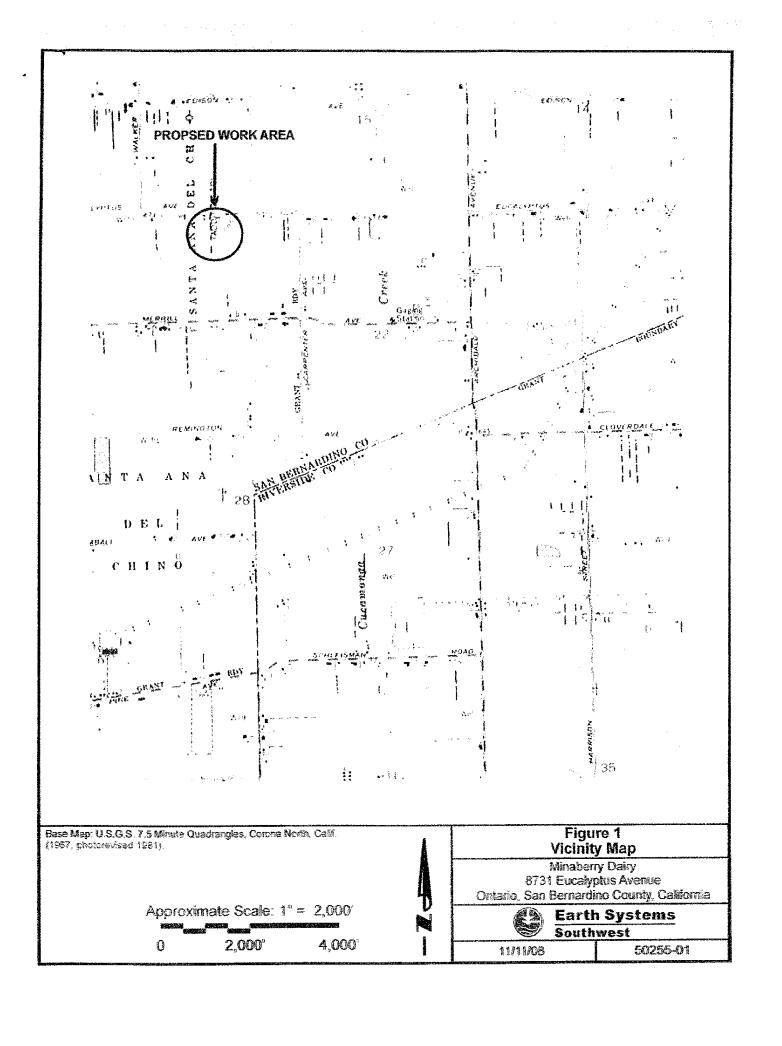
File No.: 08429-02 Doc. No.: 08-11-741

### REFERENCES

- California Department of Water Resources, 1957, Quality of Surface and Ground Waters in the Upper Santa Ana Valley, Bulletin 40-57.
- California Regional Water Quality Control Board Santa Ana Region, 1984, Water Quality Control Plan, Santa Ana River Basin (8).]
- Crusinger, Jackson, 2008, San Bernardino County Fire Department, Hazardous Materials Division, Personal Communication.
- United States Environmental Protection Agency, 1995, How to Evaluate Alternative Cleanup Technologies for Underground Storage Tank Sites: A Guide for Corrective Action Plan Reviewers. (EPA 510-B-94-003 and EPA 510-B-95-007).
- , 1981, 7.5-Minute Quadrangle Map, Corona North, Calif.

Western Municipal Water District, 2008, Cooperative Well Measuring Program, Fall 2007.

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# SAN BERNARDINO COUNTY FIRE DEPARTMENT HAZARDOUS MATERIALS DIVISION 620 SOUTH E STREET SAN BERNARDINO, CALIFORNIA 92415

# REPORT OF ENVIRONMENTAL SOIL SAMPLING MINABERRY DAIRY 8731 EUCALYPTUS AVENUE ONTARIO, SAN BERNARDINO COUNTY CALIFORNIA

December 1, 2008

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> File No.: 50255-01 Doc. No.: 08-12-714



Archibald Center 9804 Crescent Center Drive, Suite 601 Rancho Cucamonga, CA 91730 (909) 484-5455 FAX (909) 484-5995

December 1, 2008

File No.: 50255-01 Doc. No.: 08-12-714

San Bernardino County Fire Department Hazardous Materials Division 620 South E Street San Bernardino, California 92415

Attention:

Mr. Jackson Crutsinger

Subject:

Report of Environmental Soil Sampling

Project:

Minaberry Dairy

8731 Eucalyptus Avenue

Ontario, San Bernardino County, California

Earth Systems Southwest (ESSW) is pleased to submit this environmental soil sampling report for the above referenced site. It was prepared to stand as a whole and no part should be excerpted or used in exclusion of any other part.

Thank you for the opportunity to be of service. If you have any questions regarding this document or the information contained herein, please contact this office.

JAMES GOYICH

Respectfully submitted,

EARTH SYSTEMS SOUTHWEST

James Goyich, RG 6325 Senior Geologist

ESA/jg/rh/mr

Distribution: 2/James Leininger

2/Mr. Jackson Crutsinger, SBCFD

1/RC File 2/BD File

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File No.: 50255-01 Doc. No.: 08-12-714

# REPORT OF ENVIRONMENTAL SOIL SAMPLING MINABERRY DAIRY 8731 EUCALYPTUS AVENUE ONTARIO, SAN BERNARDINO COUNTY, CALIFORNIA

# 1.0 INTRODUCTION

Presented in this report are the results of environmental soil sampling at the location of two former underground storage tanks [USTs] at the Minaberry Dairy, located at 8731 Eucalyptus Avenue, Ontario, San Bernardino County, California. The work was conducted by Earth Systems Southwest (ESSW) for the former property owner to evaluate the potential presence of hydrocarbon contamination at these two locations. The work was conducted to address requirements of the San Bernardino County Fire Department, Hazardous Materials Division (SBCFD).

### 2.0 SITE DESCRIPTION

The Minaberry Dairy is located at 8731 Eucalyptus Avenue, Ontario, San Bernardino County, California. The site consists of an operating dairy on the south side of Eucalyptus Avenue. Two USTs, were formerly located on the site and reportedly removed by the property owner. The areas of the former tanks have been paved with concrete.

The location of the site is presented in Figure 1. The site is located in Section 16, Township 2 South, Range 7 West, San Bernardino baseline and meridian. The site elevation is approximately 680 feet above mean sea level (msl). The site is relatively flat. Surface water generally flows by sheet flow to the south.

# 3.0 GEOLOGY AND HYDROGEOLOGY

The site is located in the Upper Santa Ana Valley, a broad alluvial and fluvial plain located within Los Angeles, Orange, Riverside, and San Bernardino Counties, California (DWR Bul. 40-57, 1957). The Upper Santa Ana Valley is a southwesterly draining basin bounded by the San Gabriel and San Bernardino Mountains on the north and east, the Puente and San Jose Hills on the west, and the Jurupa Hills and Santa Ana Mountains on the south. The mountain ranges on the north and south, and the basement rock underlying the Valley, are primarily composed of granitic and metamorphic rock. The hills to the west are comprised of Miocene sandstone, shale, siltstone and conglomerate. Within the Valley, the basement complex is overlain by a series of unconsolidated and semi-consolidated continental alluvial and fluvial sediments eroded from the surrounding mountain ranges.

Groundwater was not encountered in either of the borings drilled for soil sampling. The depth to groundwater at the site was evaluated by reviewing the Western Municipal Water District (WMWD) database for the Cooperative Well Measuring Program Fall 2007 for the Valley. The closest well was State Well # 2S7W16P also located in Section 16. The depth to water in this well was 117.4 feet below ground surface on February 15, 1997.

File No.: 50255-01 Doc. No.: xx-xx-xxx

### 4.0 SCOPE OF SERVICES

On November 17, 2008, one soil-probe was drilled at each of the reported locations of the former USTs. Relatively undisturbed (intact) soil samples were recovered at depths of approximately 8, 12, and 20 feet. Samples were obtained, prepared, stored, transported, and analyzed by appropriate Environmental Protection Agency [EPA] methods. The samples were screened by a Foxboro OVA 108 to evaluate the soil for evidence of hydrocarbon contamination. There was no OVA detection of hydrocarbon contamination during the drilling operation. All samples were analyzed for total petroleum hydrocarbons as gasoline, diesel fuel, benzene, toluene, ethyl benzene and xylenes (BTEX), and methyl tert-butyl ether (MTBE) by EPA Method 8015/8021B.

The two soil probes were backfilled in accordance with San Bernardino County Code, Section 36.032, 36.034, and 36.0314.13. The soil probes were described using the Unified Soil Classification System (USCS) and were logged by an ESSW field geologist under the supervision of a professional geologist who is registered by the State of California. Drilling and sampling tools were cleaned before a soil probe was started.

# 4.1 Environmental Soil Sampling Objectives

The objectives of the activities for the soil sampling included:

- 1. Collecting data needed to evaluate the current conditions in the area of the former UST locations.
- 2. Further evaluate the concentrations of total petroleum hydrocarbons, if encountered.

# 4.2 Sample Locations

The soil-probe locations were selected to collect data from the areas of the former UST locations. This allowed for an evaluation of the conditions of the soil in these areas. The locations were selected based on dairy records of the former UST locations, and were approved by the SBDFD. The sample depths were suggested by the SBCFD to target the area beneath the former USTs.

### 4.3 Field Activities

The following field activities were completed for soil sampling:

- 1. A Health and Safety Plan was prepared to cover the field activities in general accordance with state and federal requirements and ESSW corporate guidelines.
- 2. Underground Service Alert was contacted (DigAlert No. A83150983) so that soil probe locations would not conflict with underground utilities;
- 3. One soil-probe was drilled at the reported locations of the former USTs (2 total) using a Macro Core Geoprobe Sampler. At each location, samples were retrieved at depths of 8, 12, and 20 feet below the ground surface using acetate tubes with plastic end caps and Teflon sheeting.
- 4. Each probe boring was abandoned with bentonite and concrete.

File No.: 50255-01 Doc. No.: 08-12-714

5. All samples were stored and chilled in a cooler and taken to Microbac Laboratories in Riverside, California on November 17, 2008, for the analysis of petroleum hydrocarbons.

### 4.4 Methods

The methods that were utilized during this study were consistent with industry standard practices and were designed to provide information regarding subsurface conditions. Drilling activities were performed under the supervision of a Registered Geologist. The soil probes were logged using the Unified Soil Classification System (USCS). Soils were predominantly medium dense silty sands (SM soil types per the USCS). The soil probe logs are included in Appendix A.

# 4.5 Chemical Testing Results

Total petroleum hydrocarbons as gasoline, diesel fuel, benzene, toluene, ethyl benzene, xylenes (BTEX), and methyl tert-butyl ether (MTBE), were not detected in any of the soil samples. The QA/QC results indicate that results fall into the control ranges for the testing methods employed. The laboratory results can be found in Appendix B.

### 4.6 Conclusions and Recommendations

This report presents the findings of the Environmental Soil Sampling conducted by ESSW for Minaberry Dairy located at 8731 Eucalyptus Avenue, in Ontario, San Bernardino County, California. The purpose of the sampling was to evaluate the potential presence of hydrocarbons. Based on results from field work and laboratory testing, soil beneath the former UST locations was not affected by hydrocarbons. Further action at the site is not warranted at this time and ESSW recommends that the SBCFD close the case.

### 5.0 LIMITATIONS

This report was prepared for the exclusive use of Vander Dussen & Haringsma (client) for submittal to the San Bernardino County Fire Department, Hazardous Materials Division. The recommendations and scope of services described in this report are opinions based on readily available information obtained to date within the scope of the services authorized by the client. The scope of services for this project was developed to address the needs of the client and may not meet the needs of other users. Any other use of or reliance on the information and opinions contained in this report without the written authorization of ESSW is at the sole risk of the user.

This report was based upon the information acquired from the client and SBCFD. It is possible that variations exist beyond or between points explored, and that changes in conditions can occur in the future due to the works of man, contaminant migration, variations in rainfall, temperature, and/or other factors not apparent at the time of the field work.

The services performed by ESSW were conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the site vicinity. No warranty or guarantee is expressed or implied.

File No.: 50255-01 Doc. No.: 08-12-714

# 6.0 REFERENCES

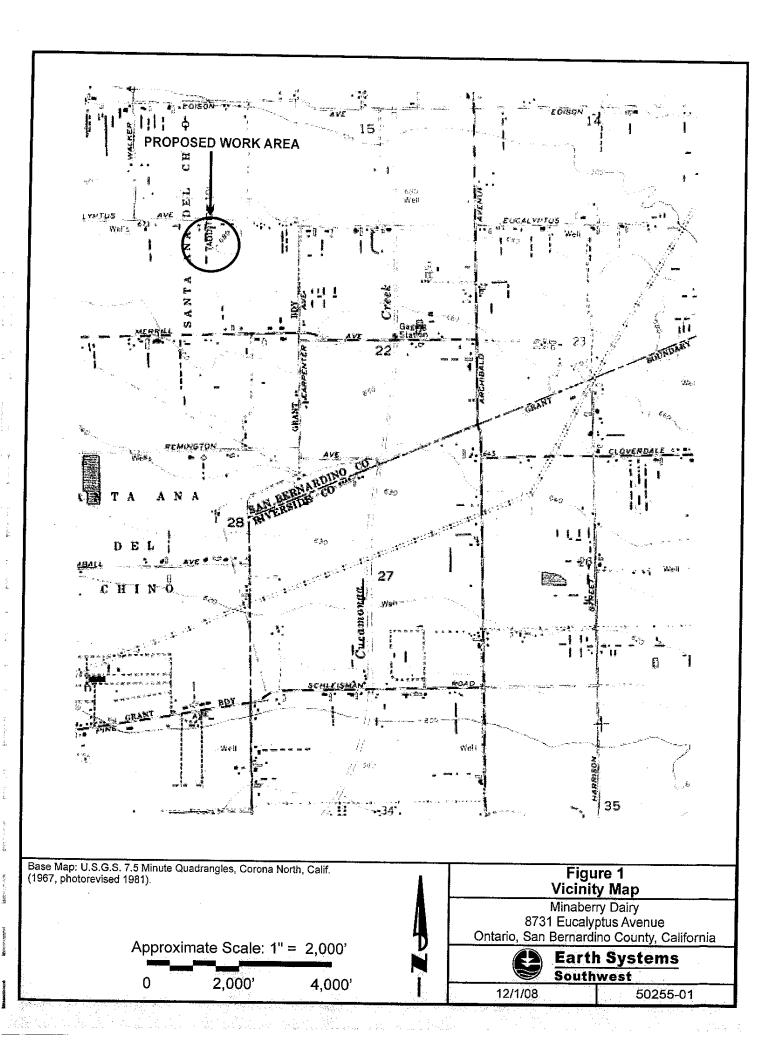
- California Department of Water Resources, 1957, Quality of Surface and Ground Waters in the Upper Santa Ana Valley, Bulletin 40-57.
- California Regional Water Quality Control Board Santa Ana Region, 1984, Water Quality Control Plan, Santa Ana River Basin (8).]
- Crusinger, Jackson, 2008, San Bernardino County Fire Department, Hazardous Materials Division, Personal Communication.
- Microbac Laboratories, 2008, Laboratory Report, Job Number 0811-00271, dated November 20, 2008.
- United States Environmental Protection Agency, 1995, How to Evaluate Alternative Cleanup Technologies for Underground Storage Tank Sites: A Guide for Corrective Action Plan Reviewers. (EPA 510-B-94-003 and EPA 510-B-95-007).
- \_\_\_\_\_, 1981, 7.5-Minute Quadrangle Map, Corona North, Calif.

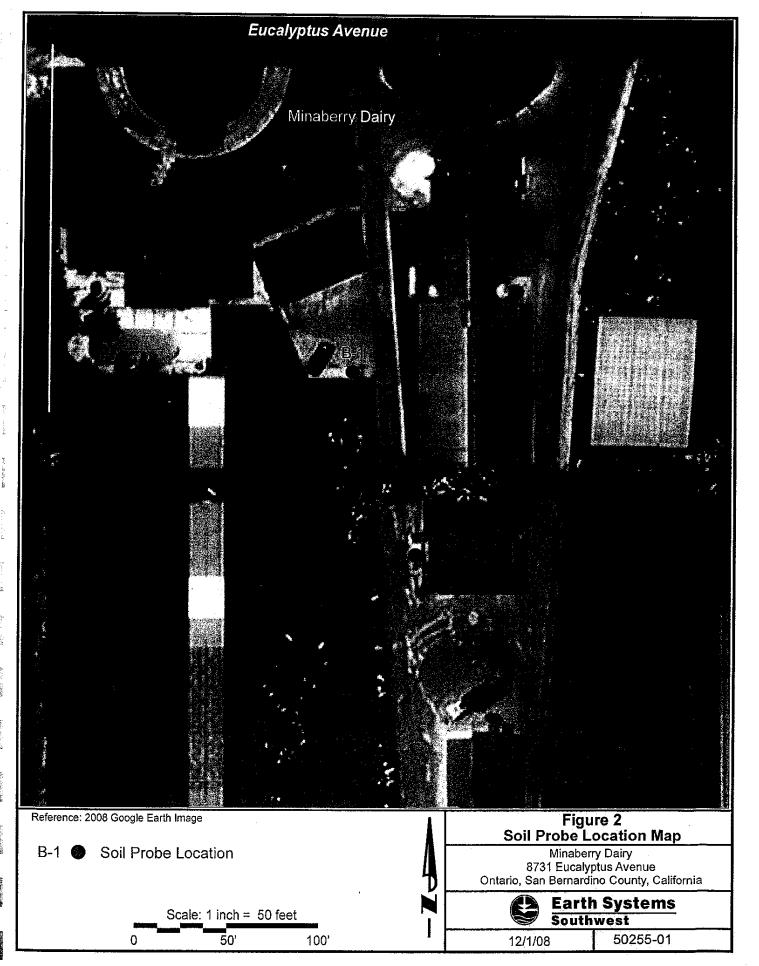
Western Municipal Water District, 2008, Cooperative Well Measuring Program, Fall 2007.

-oOo-

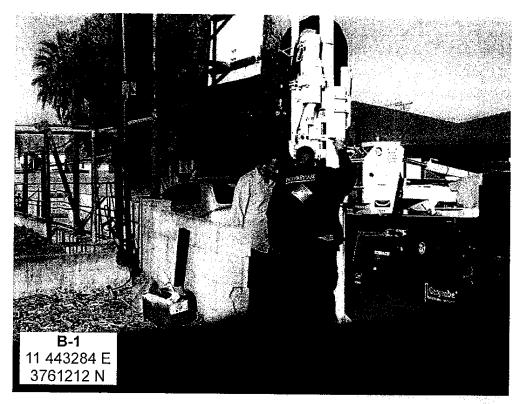
# **FIGURES**

Figure 1 – Vicinity Map
Figure 2 – Soil Probe Location Map
Figure 3 – Photographs





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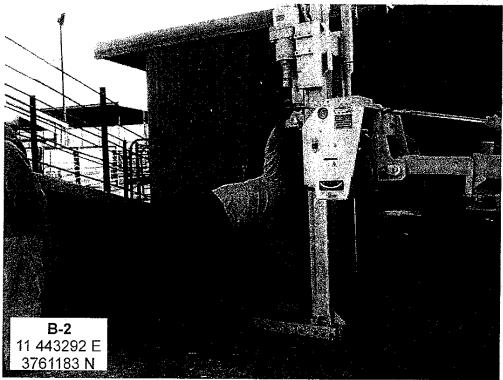


Figure 3
Photographs
Minaberry Dairy
8731 Eucalyptus Avenue
Ontario, San Bernardino County, California



Earth Systems Southwest

12/1/08

50255-01

# APPENDICES

Appendix A – Boring Logs Appendix B – Laboratory Test Results

# APPENDIX A

Boring Logs

9804 Crescent Center Drive, Unit 601, Rancho Cucamonga, CA Phone (909) 484-5455, Fax (909) 484-5995

Boring No: B-1

Project Name: Minaberry Dairy, 8731 Eucalyptus Avenue, Ontario, CA

File Number: 50255-01 Boring Location: See Figure 2 Drilling Date: November 17, 2008

Drilling Method: Macro Core Geoporbe Sampler

Drill Type: Geoprobe

Logged By: Rachelle Herlihy

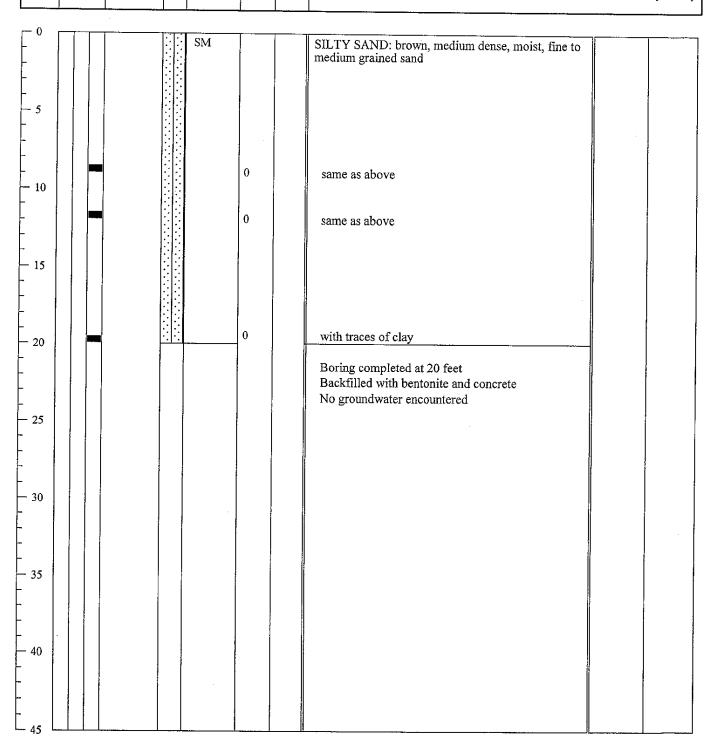
$\odot$	Sample					~
(Ft	Type	Penetration	_	το		er %
pth	Cali	Resistance	nbc	SC	V.A mde	isti
De	Bulk SPT MOD	(Blows/6")	Syı	n	0 1	Con

**Description of Units** 

Note: The stratification lines shown represent the approximate boundary between soil and/or rock types and the transition may be gradational.

Graphic Trend Blow Count Dry Density

Page 1 of 1



9804 Crescent Center Drive, Unit 601, Rancho Cucamonga, CA Phone (909) 484-5455, Fax (909) 484-5995

Boring No: B-2

Project Name: Minaberry Dairy, 8731 Eucalyptus Avenue, Ontario, CA

File Number: 50255-01 Boring Location: See Figure 2 Drilling Date: November 17, 2008

Drilling Method: Macro Core Geoporbe Sampler

Drill Type: Geoprobe

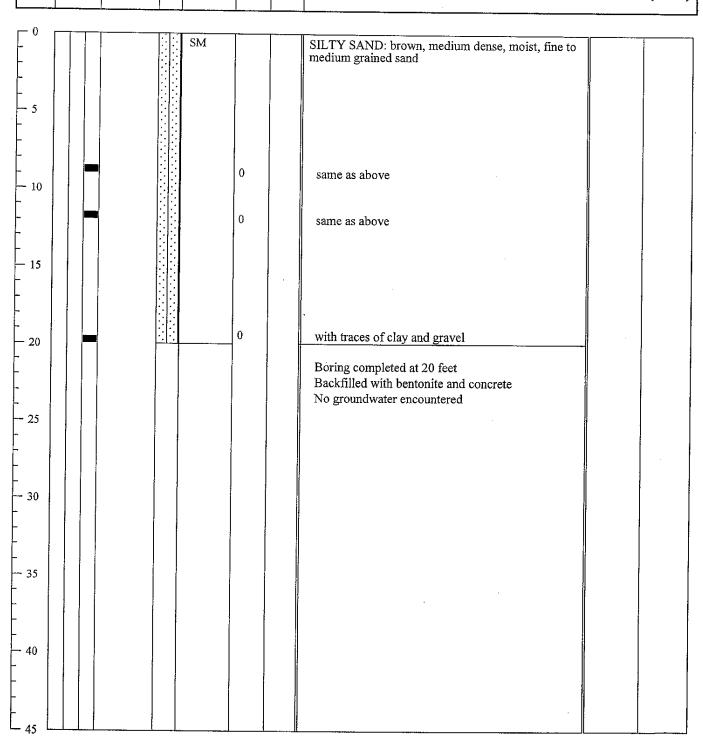
Logged By: Rachelle Herlihy

epth (Ft.)	Sample Type Jigo O	Penetration Resistance	Joqui	JSCS	OVA (ppm)	foisture ntent (%)	
Dep	Bulk SPT MOD (	(Blows/6")	Sym	SO	O d	Moi Conte	

**Description of Units**Note: The stratification lines shown represent the approximate boundary between soil and/or rock types and the transition may be gradational.

Graphic Trend Blow Count Dry Density

Page 1 of 1



# APPENDIX B

Laboratory Test Results



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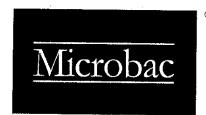
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Authorized Signature Name / Title (print)	Mark Horan, Division Manager			
Signature / Date	Mark Horan, Division Manager 11/20/2008 17:14:25			
Laboratory Job No. (Certificate of Analysis No.)	0811-00271			
Project Name / No.	MINABERRY DAIRY / 50255-01 50255-01			
Dates Sampled (from/to)	11/17/08 To 11/17/08			
Dates Received (from/to)	11/17/08 To 11/17/08			
Dates Reported (from/to)	11/20/08 To 11/20/2008			
Chains of Custody Received	Yes			
Comments:				
Subcontracting Organic Analyses No analyses sub-contracted				
Sample Condition(s)  All samples intact				
Positive Results (Organic Compounds)  None				



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### CERTIFICATE OF ANALYSIS

0811-00271

EARTH SYSTEMS JIM GOYICH 9804 CRESCENT CENTER DRIVE SUI RANCHO CUCAMONGA, CA 91730

Date Reported Date Received Invoice No.

11/20/08 11/17/08 49974

1648

Cust#

Permit Number

MINABERRY DAIRY / 50255-01

Customer P.O. 50255-01

Analysis	Result	Qual	Units	Method	DF RL	Date	Tech
Sample: 001 <b>B1@8</b>					Date & Time Sampled:	11/17/08	@ 8:00
[TPH Gasoline (C4-C12)]							
C4-C12	<0.2	2	mg/Kg	CA LUFT	0.2	11/18/08	CMR
[Extractable Hydrocarbons]						, ,	
Diesel (C10-C28)	<10	)	mg/Kg	EPA 8015C	10	11/20/08	ATW
Motor Oil	<20	)	mg/Kg	EPA 8015C	20	11/20/08	
Extractable Hydrocarbons	<10	)	mg/Kg	EPA 8015C	10	11/20/08	
[Surrogate]							
o-Terphenyl (OTP)	124	ŀ	%REC	EPA 8015C	50-150	11/20/08	ATW
[VOCs BTEX OXYs by GCMS]							
Benzene	<0.0010	1	mg/Kg	EPA 8260B	0.0010	11/18/08	CMR
Ethylbenzene	<0.0010	1	mg/Kg	EPA 8260B	0.0010	11/18/08	CMR
Methyl-t-butyl Ether (MtBE)	< 0.0020	)	mg/Kg	EPA 8260B	0.0020	11/18/08	CMR
Toluene	<0.0010	•	mg/Kg	EPA 8260B	0.0010	11/18/08	CMR
m,p-Xylenes	<0.0020	I	mg/Kg	EPA 8260B	0.0020	11/18/08	CMR
o-Xylene	<0.0010	l.	mg/Kg	EPA 8260B	0.0010	11/18/08	CMR
[VOC Surrogates]							
Dibromofluoromethane	103		%REC	EPA 8260B	70-130	11/18/08	CMR
Toluene-D8	103		%REC	EPA 8260B	70-130	11/18/08	CMR
Bromofluorobenzene	98		%REC	EPA 8260B	70-130	11/18/08	CMR
Sample: 002 <b>B1@12</b>					Date & Time Sampled:	11/17/08	@ 8:05
[TPH Gasoline (C4-C12)]							
C4-C12	<0.2		mg/Kg	CA LUFT	0.2	11/18/08	CMR
[Extractable Hydrocarbons]							
Diesel (C10-C28)	<10		mg/Kg	EPA 8015C	10	11/20/08	WTA
Motor Oil	<20		mg/Kg	EPA 8015C	20	11/20/08	ATW
Extractable Hydrocarbons	<10		mg/Kg	EPA 8015C	10	11/20/08	WTA
[Surrogate]							
o-Terphenyl (OTP)	137		%REC	EPA 8015C	50-150	11/20/08	ATW
[VOCs BTEX OXYs by GCMS]						•	
Benzene	<0.0010		mg/Kg	EPA 8260B	0.0010	11/18/08	CMR
Ethylbenzene	<0.0010		mg/Kg	EPA 8260B	0.0010	11/18/08	CMR
Methyl-t-butyl Ether (MtBE)	<0.0020		mg/Kg	EPA 8260B	0.0020	11/18/08	CMR
Toluene	<0.0010		mg/Kg	EPA 8260B	0.0010	11/18/08	CMR
m,p-Xylenes	<0.0020		mg/Kg	EPA 8260B	0.0020	11/18/08	CMR



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Date Reported Date Received Invoice No.

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Cust#

1648

Permit Number

Customer P.O.

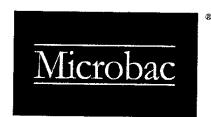
50255-01

MINABERRY DAIRY / 50255-01

Analysis	Result Qual	Units	Method	DF	RL	Date	Tech
Sample: 002 B1@12continued				Date & Ti	me Sampled:	11/17/08	@ 8:05
o-Xylene [VOC Surrogates]	<0.0010	mg/Kg	EPA 8260B		0.0010	11/18/08	CMR
Dibromofluoromethane Toluene-D8 Bromofluorobenzene	101 102 98	%REC %REC %REC	EPA 8260B EPA 8260B EPA 8260B		70-130 70-130 70-130	11/18/08 11/18/08 11/18/08	CMR
Sample: 003 <b>B1@20</b>				Date & Tin	ne Sampled:		@ 8:15

[TPH Gasoline (C4-C12)] <0.2 mg/Kg CA LUFT 0.2 11/18/08 CMR [Extractable Hydrocarbons] Diesel (C10-C28) <10 mg/Kg EPA 8015C 10 11/20/08 ATW Motor Oil <20 mg/Kg EPA 8015C 20 11/20/08 ATW Extractable Hydrocarbons <10 mg/Kg EPA 8015C 10 11/20/08 ATW [Surrogate] o-Terphenyl (OTP) 130 %REC EPA 8015C 50-150 11/20/08 ATW [VOCs BTEX OXYs by GCMS] Benzene < 0.0010 mg/Kg EPA 8260B 0.0010 11/18/08 CMR Ethylbenzene <0.0010 mg/Kg EPA 8260B 0.0010 11/18/08 CMR Methyl-t-butyl Ether (MtBE) < 0.0020 mg/Kg EPA 8260B 0.0020 11/18/08 CMR Toluene < 0.0010 mg/Kg EPA 8260B 0.0010 11/18/08 CMR m,p-Xylenes < 0.0020 mg/Kg EPA 8260B 0.0020 11/18/08 CMR o-Xylene < 0.0010 mg/Kg EPA 8260B 0.0010 11/18/08 CMR [VOC Surrogates] Dibromofluoromethane 102 %REC EPA 8260B 70-130 11/18/08 CMR Toluene-D8 102 %REC EPA 8260B 70-130 11/18/08 CMR Bromofluorobenzene 99 %REC EPA 8260B 70-130 11/18/08 CMR Sample: 004 B2@8 Date & Time Sampled: 11/17/08 @ 8:35 [TPH Gasoline (C4-C12)] C4-C12 <0.2 mg/Kg CA LUFT 0.2 11/18/08 CMR [Extractable Hydrocarbons] Diesel (C10-C28) <10 mg/Kg EPA 8015C 10 11/20/08 ATW Motor Oil <20 mg/Kg EPA 8015C 20 11/20/08 ATW

ACIL



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Date Reported Date Received Invoice No. 11/20/08 11/17/08 49974

Cust #

1648

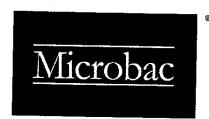
Permit Number

MINABERRY DAIRY / 50255-01

Customer P.O. 50255-01

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 004 <b>B2@8</b>					Date & Tim	ne Sampled:	11/17/08	@ 8:35
continued								
Extractable Hydrocarbons	<1	0	mg/Kg	EPA 8015C		10	11/20/08	ATW
[Surrogate]								
o-Terphenyl (OTP)	12	0	%REC	EPA 8015C		50-150	11/20/08	WTA
[VOCs BTEX OXYs by GCMS]								
Benzene	< 0.001	0	mg/Kg	EPA 8260B		0.0010	11/18/08	CMR
Ethylbenzene	< 0.0010	0	mg/Kg	EPA 8260B		0.0010	11/18/08	CMR
Methyl-t-butyl Ether (MtBE)	< 0.0026	9	mg/Kg	EPA 8260B		0.0020	11/18/08	CMR
Toluene	< 0.0010	ס	mg/Kg	EPA 8260B		0.0010	11/18/08	CMR
m,p-Xylenes	< 0.0020	)	mg/Kg	EPA 8260B		0.0020	11/18/08	CMR
o-Xylene	< 0.0010	כ	mg/Kg	EPA 8260B		0.0010	11/18/08	
[VOC Surrogates]								
Dibromofluoromethane	101	l	%REC	EPA 8260B		70-130	11/18/08	CMR
Toluene-D8	101	Į.	%REC	EPA 8260B		70-130	11/18/08	
Bromofluorobenzene	100	)	%REC	EPA 8260B		70-130	11/18/08	CMR
Sample: 005 <b>B2@12</b>					Date & Time	e Sampled:	11/17/08	@ 8:40
[TPH Gasoline (C4-C12)]								
C <del>4-</del> C12	<0.2	2	mg/Kg	CA LUFT		0.2	11/18/08	CMR
[Extractable Hydrocarbons]							1,	******
Diesel (C10-C28)	<10	ı	mg/Kg	EPA 8015C		10	11/20/08	ATW
Motor Oif	<20	İ	mg/Kg	EPA 8015C		20	11/20/08	
Extractable Hydrocarbons	<10	I	mg/Kg	EPA 8015C		10	11/20/08	
[Surrogate]							,,	
o-Terphenyl (OTP)	126		%REC	EPA 8015C		50-150	11/20/08	ATW
[VOCs BTEX OXYs by GCMS]					•		,,	
Benzene	< 0.0010		mg/Kg	EPA 8260B		0.0010	11/18/08	CMR
Ethylbenzene	< 0.0010		mg/Kg	EPA 8260B		0.0010	11/18/08	
Methyl-t-butyl Ether (MtBE)	<0.0020		mg/Kg	EPA 8260B		0.0020	11/18/08	
Toluene	<0.0010		mg/Kg	EPA 82608		0.0010	11/18/08	
m,p-Xylenes	<0.0020		mg/Kg	EPA 8260B		0.0020	11/18/08	
o-Xylene	<0.0010		mg/Kg	EPA 8260B		0.0010	11/18/08	
[VOC Surrogates]							,, 00	
Dibromofluoromethane	102		%REC	EPA 8260B		70-130	11/18/08	CMR
Toluene-D8	104		%REC	EPA 8260B		70-130	11/18/08	





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### CERTIFICATE OF ANALYSIS

0811-00271

EARTH SYSTEMS JIM GOYICH 9804 CRESCENT CENTER DRIVE SUI RANCHO CUCAMONGA, CA 91730

Date Reported Date Received Invoice No.

11/20/08 11/17/08 49974 1648

Cust #

Permit Number Customer P.O.

50255-01

MINABERRY DAIRY / 50255-01

Analysis	Result Qual	Units	Method	DF	RL	Date	Tech
Sample: 005 <b>B2@12</b>				Date & T	ime Sampled:	11/17/08	@ 8:40
Bromofluorobenzene	98	%REC	EPA 8260B		70-130	11/18/08	CMR
Sample: 006 <b>B2@20</b>				Date & Ti	ime Sampled:	11/17/08	@ 8;45
[TPH Gasoline (C4-C12)]						11/1//00	@ 0.1J
C4-C12	<0.2	mg/Kg	CA LUFT		0.2	11/18/08	CMD
[Extractable Hydrocarbons]		<u></u> y			0.2	11/16/08	CMK
Diesel (C10-C28)	<10	mg/Kg	EPA 8015C		10	11/20/08	AT34/
Motor Oil	<20	mg/Kg	EPA 8015C		20	11/20/08	
Extractable Hydrocarbons	<10	mg/Kg	EPA 8015C		10	11/20/08	
[Surrogate]					10	11/20/00	AIW
o-Terphenyl (OTP)	131	%REC	EPA 8015C		50-150	11/20/08	A77.4/
[VOCs BTEX OXYs by GCMS]					20 200	11/20/00	AIW
Benzene	< 0.0010	mg/Kg	EPA 8260B		0.0010	11/18/08	CMP
Ethylbenzene	<0.0010	mg/Kg	EPA 8260B		0.0010	11/18/08	
Methyl-t-butyl Ether (MtBE)	<0.0020	mg/Kg	EPA 8260B		0.0020	11/18/08	
Toluene	<0.0010	mg/Kg	EPA 8260B		0.0010	11/18/08	
m,p-Xylenes	<0.0020	mg/Kg	EPA 8260B		0.0020	11/18/08	
o-Xylene	< 0.0010	mg/Kg	EPA 8260B		0.0020	11/18/08	
[VOC Surrogates]			=		5.5016	11/10/00	CMIK
Dibromofluoromethane	102	%REC	EPA 8260B		70-130	11/18/08	CMB
Toluene-D8	101	%REC	EPA 8260B		70-130		
Bromofluorobenzene	97	%REC	EPA 8260B		70-130	11/18/08 11/18/08	

Respectfully Submitted:

Mark Horan - Division Manager

**QUALIFIERS** 

B = Detected in the associated Method Blank at a concentration above the routine RL

B1= BOD blank is over specifications . The reported result may be biased high.

D = Surrogate recoveries are not calculated due to sample dilution

E ≈ Estimated value

H = Analyte was prepared and/or analyzed outside of the analytical method holding time

i = Matrix Interference

J = Analyte concentration detected between RL and MDL

### ABBREVIATIONS

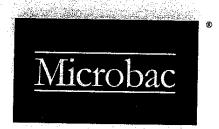
DF ≈ Dilution Factor RL = Reporting Limit

MDL = Method Detection Limit

Qual = Qualifier

Tech = Technician





SOUTHERN CALIFORNIA DIVISION 1401 RESEARCH PARK DRIVE, SUITE 100 RIV SIDE CA, 92507

951-779-0310 www.microbac.com

FAX 951-779-0344 socal@microbac.com

Page 6 of 6

FDA#	2030513	
LA City#	10159	i
ELAP#'s	2373	
	2562	
	2665	
	2479	
	2122	

CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · CONSUMER PRODUCTS · MOBILE LABORATORIES WATER · AIR · SOIL · WASTES · FOOD · PHARMACEUTICALS · NUTRACEUTICALS · COSMETICS

As regulatory limits change frequently, Microbac advises the recipient of this report to confirm such limits with the appropriate federal, state, or local authorities before acting in reliance on the regulatory limits provided.

For any feedback concerning our services, please contact Mark Horan, the Division Manager at 951.779.0310. You may also contact both Trevor Boyce, President and Robert Morgan, Chief Operating Officer at president@microbac.com.



SOUTHERN CALIFORNIA DIVISION 1401 RESEARCH PARK DRIVE, SUITE 100 RIVERSIDE CA, 92507

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Page 1 of 1

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CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · CONSUMER PRODUCTS · MOBILE LABORATORIES WATER · AIR · SOIL · WASTES · FOOD · PHARMACEUTICALS · NUTRACEUTICALS · COSMETICS

# **ELECTRONIC QUALITY CONTROL DATA REPORT**

0811-00271

EARTH SYSTEMS RANCHO CUCAMONGA, CA 91730

Date Reported Date Due

11/20/2008

11/20/2008

Date Received

11/17/2008

Date Sampled

11/17/2008

Invoice No. Customer# 49974

Customer P.O.

1648 50255-01

MINABERRY DAIRY / 50255-01

Samples 001 002 003 004 005 006

Date Analyzed: 11/18/2008

Technician: CMR

Results

**Control Ranges** 

LCS %REC

102

70 - 130

amples 001 002 Results	003 004 1	005 006						Control Rai	mane			
	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD	BLKSRR %REC	LCS %REC	LCS %RPD	SPIKE %REC	SPIKE %RPD	BLKSRR%REC
esel (C10-C28)	102	101	1.7	98	103	4.5		70 - 130	0 - 25	70 - 130	0 - 25	
Terphenyl (OTP)							108					50 - 150
thod # A PAR EPA	8260B				100	A 25 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
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esults  nzene pmofluorobenzene	28 D 003 004 C LCS %REC	ate Analyze 05 006  LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD	BLKSRR %REC	LCS %REC	LCS %RPD			

No method blank results were above reporting limit

RESPECTFULLY SUBMITTED:

MICROBAC LABORATORIES, INC.

For any feedback concerning our services, please contact Mark Horan, the Division Manager at 951.779.0310. You may also contact both Trevor Boyce, President and Robert Morgan, Chief Operating Officer at president@microbac.com.

1401 Research Park Drive, Suite 100 Laboratories, Inc.

Ana ytical

Centrum

Riverside, CA 92507 Voice: 951.779.0310 • 800,798.9336

Centrum Job # 0811-271

lab@centrum-labs.com

www.centrum-labs.com

# Chain of Custody Record

\* Requires PRIOR approval, Remarks/Special Instructions **Turn-Around Time** additional charges apply Sample Disposat Sample Locator Number: □ 24 Hr. RUSH \* ☐ 48 Hr. RUSH ÉL-Mormal TAT Requested due date: Client will pick up □ Other Return to client Lab disposal ☐ PDF report (include email address) Chilled? | Yes Temp21.cb | KFrom Field 118.1 (TRPH), or 413.2, or 1864 □ Courier □ UPS/Fed Ex CHand carried All sample containers intact? 16.7es □ No To be completed by Laboratory personnel: Please Circle Analyses Requested MWC Report Formats: Check all applicable Metals: TCLP, STLC Custody seals? Dige Man Title 22 (CAM), or RCRA, or PP or PestiPCB Pesticides, or PCBs, :2808\A1808 \$270C, or 625 SAOCS: D Paper report BTEX/Oxygenates Only 8260B, or 624 ACCS: 1,768 a40 80218: (BTEXIMIBE Only Carbon Chain (specify ranges) Fuel ID (TVH, TEH), SAD BEIOS) A43 10 , 280 TAU. LUFT Diesel, or EPA 8015B DRO Phone 1954 Styles See Carly 1954 Styles Containers: # and type 0.44th Note: Reports and Invoice will be sent there 3299 Hill Street, Sulte 305 Signal Hill, CA 90755 Voice: 562.498.7005 Fax: 562.498.8617 6) Received for Laboratory by: Site location 3) Relinquished by: 3) Relinquished by: 4) Received by: Markeyou Sample ë 0次月至111 :ime: Time The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof. Report and Billing) 1. 205 205 1 **\$**0 3770 Address: S. Time 12 がが email: Date: sampled Date Ć., (As it should appear on report 100 KM Fax: 951.779.0344 Sample 1D (17) S S 5025 0 Project Manager Laboratory Notes Seport and BULLing) Client Name: Project No: Centrum ID (Lab use only) 2 S 0

Yellow Copy - Centrum Files

Pink Copy - Client Copy

☐ EDD (Other) \*

C EDF (Include global ID) C EDD (GISKEY)

D LARWQCB

White Copy - Original (Accompanies Samples)

# COUNTY OF SAN BERNARDINO PUBLIC AND SUPPORT SERVICES GROUP

### COUNTY FIRE DEPARTMENT

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

COUNTY SAN BERNARDING

SITE # 2008013

PAT A. DENNEN Fire Chief County Fire Warden

January 20, 2009

MINABERRY FAMILY LLC 8888 EUCALYPTUS AVENUE ONTARIO, CA 91762

ATTENTION: HENRY MINABERRY

SUBJECT: NO FURTHER ACTION, MINABERRY DAIRY,

8731 EUCALYPTUS AVENUE, ONTARIO, CA 91761

The Department has reviewed a report dated December 1, 2008 submitted by Earth Systems Southwest. Based upon information in the report and findings in the field, this letter confirms completion of site investigation and remedial action requirements. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is the Department's position that no further action is required at this time. Sample results taken in the former underground storage tank area did not indicate the presence of hydrocarbon or fuel constituents.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at the site. Nor does it relieve you of the responsibility to clean up existing, additional, or previously identified conditions at the site which cause, or threaten to cause, pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings, or site usage.

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If you have any further questions, please call me at (909) 386-8419.

JÁCKSON CRUTSINGER, R.E.H.S., R.H.S.P. HAZARDOUS MATERIALS SPECIALIST III

HAZARDOUS MATERIALS DIVISION

SITE REMEDIATION/LOCAL OVERSIGHT PROGRAM

cc: Jim Leininger, Vander Dusen & Haringsma Jim Goyich P.G. Earth Tech

### **COUNTY FIRE DEPARTMENT**

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

SAN BERNARDING

COUNTY OF SAN BERNARDINO PUBLIC AND SUPPORT SERVICES GROUP

> PAT A. DENNEN Fire Chief County Fire Warden

November 17, 2008

VANDER DUSEN & HARINGSMA DAIRY AND REAL ESTATE 14380 SOUTH EUCLID AVENUE CHINO, CA 91710 SITE # 2008013

APN 1054-171-02

ATTENTION: JIM LEININGER

SUBJECT: SAN BERNARDINO COUNTY FIRE DEPARTMENT -

HAZARDOUS MATERIALS DIVISION OVERSIGHT OF THE INVESTIGATION AND REMEDIAL ACTION AT MINABERRY

DAIRY, 8731 EUCALYPTUS AVENUE, ONTARIO, CA

As per a discussion on November 11, 2008 with your environmental consultant, the Department agrees to provide regulatory oversight services for the characterization and cleanup of the potential contamination at the subject site to the extent our authority and resources allow us to do. In return, Minaberry Dairy agrees to reimburse the Department for all direct and indirect costs of providing said services at the rate prescribed in the schedule of fees of the San Bernardino County Code. Presently, the prescribed rate is \$130.00 per hour, but is subject to change upon approval of the County Board of Supervisors.

It is important to note that this agreement does not preclude the involvement of other regulatory agencies. Additionally, failure to reimburse the Department for services provided or failure to comply with directives of the Department may result in referral to this case to another regulatory agency for oversight. This agreement will take effect 10 days from the date of this correspondence unless we are notified to the contrary in writing within that time.

If you have any questions, please contact me at (909) 386-8419.

JÁCKSON CRUTSIŃGER, R.E.H.S., R.H.S.P.

HAZARDOUS MATERIALS SPECIALIST III

HAZARDOUS MATERIALS DIVISION

SITE REMEDIATION/LOCAL OVERSIGHT PROGRAM

cc: Minaberry Family LLC

### COUNTY FIRE DEPARTMENT

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

November 17, 2008



COUNTY OF SAN BERNARDING PUBLIC AND SUPPORT SERVICES GROUP

> PAT A. DENNEN Fire Chief County Fire Warden

SITE #200801

VANDER DUSEN & HARINGSMA DAIRY AND REAL ESTATE 14380 SOUTH EUCLID AVENUE CHINO, CA 91710

ATTENTION: JIM LEININGER

SUBJECT: WORKPLAN, ENVIRONMENTAL SOIL SAMPLING,

MINABERRY DAIRY, 8731 EUCALYPTUS AVENUE,

ONTARIO, CA

The Department has reviewed the above referenced document submitted by Earth Systems Southwest, dated November 11, 2008. The workplan for additional assessment in the former USTs area is conditionally approved provided the following requirements are met:

- Selected samples may be analyzed in any order of depth and, if justified to the Department's satisfaction, analyses of selected samples may be omitted. Samples that are not analyzed immediately must be maintained under conditions which allow for acceptable future analysis.
- 2. The results of this investigation should be submitted to the Department by **September 19, 2008**. This report should include a remedial action proposal, if necessary, and a schedule of completion.
- 3. This office must be notified and an **appointment** must be made 5 working days in advance of boring and sampling activity so a Department representative may be scheduled to be present. (An appointment has been scheduled for Monday, November 17, 2008.)
- 4. Additional approvals or permits from other regulatory agencies or jurisdictions may be required prior to the proposed activity. It is the proponent's responsibility to assure that all pertinent requirements have been fulfilled.

If you have any questions, please call me at (909) 386-8419.

JÁCKSON CRUTSINGER, R.E.H.S., R.H.S.P. HAZARDOUS MATERIALS SPECIALIST III

HAZARDOUS MATERIALS DIVISION UST/SITE REMEDIATION PROGRAM

cc: Jim Goyich P.G., Earth Systems Southwest Henry Minaberry, Minaberry Family LLC November 18, 2007

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY DEPARTMENT OF TOXIC SUBSTANCES CONTROL 5796 CORPORATE AVE CYPRESS, CALIFORNIA 90630

ATTENTION: SITE MITIGATION PROGRAM

SUBJECT: SENATE BILL 1248 NOTIFICATION - LOCAL CLEANUP AGREEMENT

This letter serves to inform you that this Department is in the process of entering into an agreement with the party named below to provide regulatory oversight for the investigation and remedial actions at the following location:

Site Name and address: <u>Minaberry Dairy</u> 8731 Eucalyptus Avenue, Ontario, CA 91761	
Assessors Parcel Number: 1054-171-02	<del></del>
Responsible party: Minaberry Family LLC	
Name and address of property owner: Minaberry Family LLC, 8888 Eucalyptus Ontario, CA 91762	<u>Avenue</u>

The site is contaminated with gasoline. The Office of the Fire Marshal is overseeing the site investigation and remedial action.

Please call me at (909) 386-8419 if you have any questions or require additional information.

JACKSON CRUTSINGER, R.E.H.S., R.H.S.P. HAZARDOUS MATERIALS SPECIALIST III

HAZARDOUS MATERIALS DIVISION

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SITE REMEDIATION/LOCAL OVERSIGHT PROGRAM



Page 1 of 1 (2 records)

## Facility INformation Detail (FIND)

Export To Excel

Page

Search Again

Facility ID	Facility Name	Facility Address	RECLAIM	Title V	Facility Status
142861	GARDNER TRUCKING, INC.	9032 MERRILL AVE, ONTARIO, CA 91761			ACTIVE
144861	MICHEL P. MINABERRY DAIRY	8920 MERRILL AVE, ONTARIO, CA 91762			ACTIVE



### Facility INformation Detail (FIND)

Search Again | Search Results | Facility Details | Equipment List | Compliance | Emissions | Hearing Board | Transportation

**Facility Details** 

Facility ID 144861

Company Name MICHEL P. MINABERRY DAIRY

Address 8920 MERRILL AVE

**ONTARIO**, CA 91762

Status ACTIVE

### Are there any back fees due?

Yes. Please contact your AQMD Customer Service Rep. at (909) 396-2900, or call toll-free (866) 888-8838.



### Facility INformation Detail (FIND)

Again | Search Results | Facility Details | Equipment List | Compliance | Emissions | Hearing Board | Transportation

**Equipment List** 

Facility ID 144861

Company Name MICHEL P. MINABERRY DAIRY
Address 8920 MERRILL AVE
ONTARIO, CA 91762

Appl Nbr	Permit Nbr	Issued Date	Permit Status	Eq Type	Equip Description	Appl Date	Appl Status
445049	F88644	3/30/2007	INACT_NR	Basic	AGOPS DAIRY	6/21/2005	PERMIT TO OPERATE GRANTED
445071	F88664	3/30/2007	INACTIVE	Basic	AGOPS EMERGENCY ICE (50-500 HP)	6/21/2005	PERMIT TO OPERATE GRANTED





### Facility Information Detail (FIND)

Permit Status

INACT\_NR

Search Again | Search Results | Facility Details | Equipment List | Compliance | Emissions | Hearing Board

**Application Details** 

Application/Tracking Number 445049

Facility Information

Business Name MICHEL P. MINABERRY DAIRY

F88644

Facility ID 144861 Facility Status ACTIVE

Application Information

Application Type Existing Agricultural Operations Permit Application Received 6/21/2005

Application Status PERMIT TO OPERATE GRANTED Application Deemed Complete 6/29/2005

Equipment Desc AGOPS DAJRY

View Permit Image

Permit Number

Engineer Information

Engineer Assigned CAROLYN D WILEY

Engineer Phone (909) 396-2631 Team Assigned O



### Facility Information Detail (FIND)

Search Again | Search Results | Facility Details | Equipment List | Compliance | Emissions | Hearing Board

**Application Details** 

Application/Tracking Number 445071

Business Name MICHEL P. MINABERRY DAIRY

Facility ID 144861 Facility Status ACTIVE

Application Information

Application Type Existing Agricultural Operations Permit Application Received 6/21/2005

Application Status PERMIT TO OPERATE GRANTED Application Deemed Complete 6/29/2005

Equipment Desc AGOPS EMERGENCY ICE (50-500 HP)

Permit Number F88664 Permit Status INACTIVE

View Permit Image

Engineer Information

Engineer Assigned CAROLYN D WILEY

Engineer Phone (909) 396-2631 Team Assigned O



### Facility INformation Detail (FIND)

Search Again | Search Results | Facility Details | Equipment List | Compliance | Emissions | Hearing Board | Transportation

Compliance

Facility ID 144861

Company Name MICHEL P. MINABERRY DAIRY

Address 8920 MERRILL AVE

ONTARIO, CA 91762

Notices Of Violaton: NONE
Notices To Comply: NONE



### **PERMIT TO OPERATE**

Page 1 Permit No. F88644 A/N 445049

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership. If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner

ID 144861

or Operator:

MICHEL P. MINABERRY DAIRY

8920 MERRILL AVE ONTARIO, CA 91762

**Equipment Location:** 

8920 MERRILL AVE, ONTARIO, CA 91762

### **Equipment Description:**

### CONFINED ANIMAL FEED OPERATION CONSISTING OF:

- 1. MILK COWS, DRY COWS, HEIFERS AND CALVES
- 2. MILKING PARLOR
- 3. SCRAPE TYPE MANURE HANDLING SYSTEM
- 4. OPEN CORRALS WITH IN-CORRAL MOUNDS
- 5. SIX (6) STORAGE PONDS
- 6. SIX (6) SETTLING BASINS
- 7. MANURE STOCK PILES
- 8. FEED STORAGE COMMODITY BARNS
- MIXER FEED WAGON/LONG HAY

### Conditions:

- 1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
- 2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
- 3. THE MAXIMUM NUMBER OF MILKING COWS, DRY COWS, HEIFERS AND CALVES AT THIS FACILITY SHALL NOT EXCEED 1500 ANIMALS IN ANY ONE DAY.
- 4. THE MAXIMUM NUMBER OF MILK-PRODUCING COWS AT THIS FACILITY SHALL NOT EXCEED 800 IN ANY ONE DAY.

**FILE COPY** 



### **PERMIT TO OPERATE**

Page 2
Permit No.
F88644
A/N 445049

5. THIS FACILITY IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

RULE 1127 EMISSION REDUCTION FROM LIVESTOCK WASTE
RULE 1186 PM10 EMISSIONS FROM PAVED AND UNPAVED ROADS AND LIVESTOCK OPERATIONS

- 6. THE OPERATOR SHALL USE BEST MANAGEMENT PRACTICES AT ALL TIMES, IN ACCORDANCE WITH RULE 1127. FACILITY MAY BE EXEMPTED FROM ONE CORRAL CLEARING PER YEAR IF ALL THE REQUIREMENTS OF RULE 1127(J)(3) ARE MET. NOTIFICATION TO THE DISTRICT SHALL BE MADE BY CALLING 1 800 CUT SMOG.
- 7. MANURE DISPOSED OF WITHIN THE JURISDICTION OF THE DISTRICT SHALL ONLY BE REMOVED OR CONTRACTED TO BE REMOVED FROM THIS DAIRY TO:
  - A. AN APPROVED MANURE PROCESSING OPERATION; OR
  - B. AGRICULTURAL LAND WITHIN THE DISTRICT APPROVED BY LOCAL ORDINANCE AND/OR REGIONAL WATER QUALITY BOARD FOR THE SPREADIING OF MANURE; OR
  - C. A COMBINATION OF DESTINATIONS IN A AND B.
- 8. THE OPERATOR SHALL MAINTAIN COPIES OF ALL MANURE MANIFESTS, TIPPING FEE INVOICES, MANURE MOISTURE TEST RECORDS, CORRAL CLEARING RECORDS, AND STOCKPILE REMOVAL RECORDS.
- 9. THE OPERATOR SHALL SUBMIT A WRITTEN ANNUAL REPORT BY JANUARY 15TH OF EACH YEAR AFTER JANUARY 1, 2007 PER THE REQUIREMENTS OF RULE 1127. THE REPORT SHALL BE SENT TO: SCAQMD, COMPLIANCE DIVISION, PO BOX 4941, DIAMOND BAR, CA 91765-0941.
- 10. THE OPERATOR SHALL:
  - CEASE ALL HAY GRINDING ACTIVITIES BETWEEN 2-5 PM EACH DAY IF VISIBLE EMISSIONS EXTEND MORE THAN 50 FEET FROM A HAY GRINDING SOURCE, AND
  - B. TREAT ALL UNPAVED ACCESS CONNECTIONS AND UNPAVED FEED LANE ACCESS AREAS WITH EITHER PAVEMENT, GRAVEL (MAINTAINED TO A DEPTH OF FOUR (4) INCHES), OR ASPHALTIC ROADBASE.
- 11. THE OPERATOR SHALL MAINTAIN RECORDS THAT SPECIFY THE MONTHLY AVERAGE NUMBER OF ANIMALS MAINTAINED AT THIS FACILITY.
- 12. THE OPERATOR SHALL MAINTAIN RECORDS, IN A MANNER APPROVED BY THE DISTRICT, TO DEMONSTRATE COMPLIANCE WITH CONDITIONS 3, 4, 7, 8, AND 11. ALL RECORDS SHALL BE RETAINED AT THE FACILITY FOR AT LEAST THREE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

FILE COPY



### **PERMIT TO OPERATE**

Page 3 Permit No. F88644 A/N 445049

### NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

**EXECUTIVE OFFICER** 

By Dorris M.Bailey/CW02

3/30/2007



### **PERMIT TO OPERATE**

Page 1 Permit No. F88664 A/N 445071

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership. If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner

ID 144861

or Operator:

MICHEL P. MINABERRY DAIRY

8920 MERRILL AVE ONTARIO, CA 91762

**Equipment Location:** 

8920 MERRILL AVE, ONTARIO, CA 91762

### **Equipment Description:**

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL; DIESEL FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR

### Conditions:

- 1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
- 2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
- 3. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF RULE 431.2 SULFUR CONTENT OF LIQUID FUELS.
- 4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 20 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES..
- 5. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.
- 6. THE OPERATOR SHALL ONLY USE DIESEL FUEL WITH A SULFUR CONTENT THAT DOES NOT EXCEED 15PPM BY WEIGHT, UNLESS THE OPERATOR DEMONSTRATES IN WRITING TO THE EXECUTIVE OFFICER THAT SPECIFIC ADDITIONAL TIME IS NECESSARY.
- 7. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED ON FILE TO RECORD WHEN THIS ENGINE IS STARTED MANUALLY. THE LOG SHALL LIST THE DATE OF OPERATION, THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION, AND THE REASON FOR OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF THE THREE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION (INCLUDE HOURS FOR MANUAL AND AUTOMATIC OPERATION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.

FILE COPY



### **PERMIT TO OPERATE**

Page 2 Permit No. F88664 A/N 445071

- 8. NOTIFICATION OF LOSS OF EXEMPTION FROM AQMD RULE 1470:
  - A. IN-USE STATIONARY COMPRESSION IGNITION (CI) ENGINES USED IN AGRICULTURAL OPERATIONS ARE CURRENTLY EXEMPT FROM THE REQUIREMENTS OF RULE 1470.

    OWNERS OR OPERATORS OF THESE ENGINES SHALL NOTIFY THE EXECUTIVE OFFICER IMMEDIATELY AFTER THEY BECOME AWARE THAT THE EXEMPTION NO LONGER APPLIES.
  - B. NO LATER THAN 180 DAYS AFTER NOTIFYING THE EXECUTIVE OFFICER, THE OWNER OR OPERATOR SHALL DEMONSTRATE COMPLIANCE WITH THE REQUIREMENTS AND SHALL PROVIDE EMISSION DATA IN ACCORDANCE WITH 1470(F) FOR THE PURPOSES OF DEMONSTRATING COMPLIANCE.
- 9. RECORDS SHALL BE MAINTAINED TO DEMONSTRATE COMPLIANCE WITH CONDITION NOS. 4
  AND 7. THE RECORDS SHALL BE RETAINED AT THE FACILITY FOR AT LEAST THREE YEARS AND
  MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.

### NOTICE

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**EXECUTIVE OFFICER** 

By Dorris M.Bailey/CW02

3/30/2007



Page 1 of 1 (12 records)

Last

Page 1

# Facility Information Detail (FIND)

Export To Excel

Search Again

First

Prev

Facility ID	Facility Name	Facility Address	RECLAIM	Title V	Facility Status
145120	ALEWYN DAIRY # 1 & #3	8185 EUCALYPTUS AVE, ONTARIO, CA 91762			ACTIVE
145107	ALEWYN DAIRY #2, JACK AND ELANE ALEWYN	9031 EUCALYPTUS AVE , ONTARIO, CA 91762			ACTIVE
178418	CHINO VALLEY DAIRY	7565 EUCALYPTUS AVE , ONTARIO, CA 91762			ACTIVE
145111	GEORGE BORBA & SON DAIRY, GEORGE BORBA	7955 EUCALYPTUS AVE , ONTARIO, CA 91762		- (i	ACTIVE
145413	GERBEN HETTINGA/EUCALYPTUS DAIRY #2	9279 EUCALYPTUS AVE , ONTARIO, CA 91762			ACTIVE
144827	JOE BORBA DAIRY	8477 EUCALYPTUS AVE , ONTARIO, CA 91762			ACTIVE
160569	LAUREN DUHALDE DAIRY	9859 EUCALYPTUS AVE , ONTARIO, CA 91762		j.	ACTIVE
145351	LEGEND DAIRY FARMS	7233 EUCALYPTUS AVE , ONTARIO, CA 91762			ACTIVE
145279	MAJESTIC FARMS, #2	8911 EUCALYPTUS, ONTARIO, CA 91762			ACTIVE
144860	MINABERRY DAIRY, #1	8888 EUCALYPTUS AVE , ONTARIO, CA 91762			ACTIVE
144917	PLANE VIEW DAIRY	7565 EUCALYPTUS AVE , ONTARIO, CA 91762			
144883	TWO B DAIRY	10333 EUCALYPTUS AVE , ONTARIO, CA 91762			ACTIVE



### Facility Information Detail (FIND)

| Transportation

Search Results | Facility Details | Equipment List | Compliance | Emissions | Hearing Board

Facility Details

Facility ID 144860

Company Name MINABERRY DAIRY, #1

Address 8888 EUCALYPTUS AVE

ONTARIO, CA 91762

Status ACTIVE

Are there any back fees due?

40.

SIC Code Description
0241 DAIRY FARMS

First Prev Page 1 of 1 (2 records) Next Last Page 1 v Export To Excel



### Facility Information Detail (FIND)

February 1				
Search Again	Search Results   Facility Details	Equipment List   Compliance	Emissions   Hearing Board	Transportation
Equipment List	***************************************			
Facility ID	144860			
Company Name	MINABERRY DAIRY, #1			
Address	8888 EUCALYPTUS AVE			
	ONTARIO, CA 91762			

Appl Nbr	Permit Nbr	Issued Date	Permit Status	Eq Type	Equip Description	Appl Date	Appl Status
145046	F88630	3/29/2007	ACTIVE	Basic	AGOPS DAIRY	6/21/2005	PERMIT TO OPERATE GRANTED
445096	F88629	3/29/2007	INACTIVE	Basic	AGOPS EMERGENCY ICE (50-500 HP)	6/21/2005	PERMIT TO OPERATE GRANTED



### Facility INformation Detail (FIND)

Search Again | Search Results | Facility Details | Equipment List | Compliance | Emissions | Hearing Board

**Application Details** 

Application/Tracking Number 445046

Facility Information

Business Name MINABERRY DAIRY, #1

Facility ID 144860 Facility Status ACTIVE

Application Information

Application Type Existing Agricultural Operations Permit Application Received 6/21/2005

Application Status PERMIT TO OPERATE GRANTED Application Deemed Complete 6/29/2005

Equipment Desc AGOPS DAIRY

Permit Number F88630 Permit Status ACTIVE

View Permit Image

Engineer Information

Engineer Assigned CAROLYN D WILEY

Engineer Phone (909) 396-2631 Team Assigned C



### Facility INformation Detail (FIND)

Search Again | Search Results | Facility Details | Equipment List | Compliance | Emissions | Hearing Board

**Application Details** 

Application/Tracking Number 445096

Facility Information

Business Name MINABERRY DAIRY, #1

Facility ID 144860 Facility Status ACTIVE

Application Information

Application Type Existing Agricultural Operations Permit Application Received 6/21/2005

Application Status PERMIT TO OPERATE GRANTED Application Deemed Complete 6/29/2005

Equipment Desc AGOPS EMERGENCY ICE (50-500 HP)

Permit Number F88629 Permit Status INACTIVE

View Permit Image

Engineer Information

Engineer Assigned CAROLYN D WILEY

Engineer Phone (909) 396-2631 Team Assigned O



### Facility INformation Detail (FIND)

Search Again | Search Results | Facility Details | Equipment List | Compliance | Emissions | Hearing Board | Transportation

Compliance
Facility ID 144860

Company Name MINABERRY DAIRY, #1

Address 8888 EUCALYPTUS AVE
ONTARIO, CA 91762

Notices Of Violaton: NONE

Notices To Comply: NONE



### **PERMIT TO OPERATE**

Page 1 Permit No. F88630 A/N 445046

ID 144860

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership. If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner or Operator:

MINABERRY DAIRY, #1

8888 EUCALYPTUS AVE

ONTARIO, CA 91762

**Equipment Location:** 

8888 EUCALYPTUS AVE, ONTARIO, CA 91762

### **Equipment Description:**

CONFINED ANIMAL FEED OPERATION CONSISTING OF:

- 1. MILK COWS, DRY COWS, AND HEIFERS
- MILKING PARLOR
- SCRAPE TYPE MANURE HANDLING SYSTEM
- OPEN CORRALS WITH IN-CORRAL MOUNDS
- 5. TWO (2) STORAGE PONDS
- FEED STORAGE COMMODITY BARNS
- 7. MIXER FEED WAGON/LONG HAY/MILK BARN GRAIN

### **Conditions:**

- 1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
- 2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
- 3. THE MAXIMUM NUMBER OF MILKING COWS, DRY COWS, AND HEIFERS AT THIS FACILITY SHALL NOT EXCEED 2000 ANIMALS IN ANY ONE DAY.
- 4. THE MAXIMUM NUMBER OF MILK-PRODUCING COWS AT THIS FACILITY SHALL NOT EXCEED 999 IN ANY ONE DAY.
- 5. THIS FACILITY IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

FILE COPY



### **PERMIT TO OPERATE**

Page 2 Permit No. F88630 A/N 445046

RULE 1127 EMISSION REDUCTION FROM LIVESTOCK WASTE RULE 1186 PM10 EMISSIONS FROM PAVED AND UNPAVED ROADS AND LIVESTOCK OPERATIONS

- 6. THE OPERATOR SHALL USE BEST MANAGEMENT PRACTICES AT ALL TIMES, IN ACCORDANCE WITH RULE 1127. FACILITY MAY BE EXEMPTED FROM ONE CORRAL CLEARING PER YEAR IF ALL THE REQUIREMENTS OF RULE 1127(J)(3) ARE MET. NOTIFICATION TO THE DISTRICT SHALL BE MADE BY CALLING 1 800 CUT SMOG.
- 7. MANURE DISPOSED OF WITHIN THE JURISDICTION OF THE DISTRICT SHALL ONLY BE REMOVED OR CONTRACTED TO BE REMOVED FROM THIS DAIRY TO:
  - A. AN APPROVED MANURE PROCESSING OPERATION; OR
  - B. AGRICULTURAL LAND WITHIN THE DISTRICT APPROVED BY LOCAL ORDINANCE AND/OR REGIONAL WATER QUALITY BOARD FOR THE SPREADING OF MANURE; OR
  - C. A COMBINATION OF DESTINATIONS IN A AND B.
- 8. THE OPERATOR SHALL MAINTAIN COPIES OF ALL MANURE MANIFESTS, TIPPING FEE INVOICES, MANURE MOISTURE TEST RECORDS, CORRAL CLEARING RECORDS, AND STOCKPILE REMOVAL RECORDS.
- 9. THE OPERATOR SHALL SUBMIT A WRITTEN ANNUAL REPORT BY JANUARY 15TH OF EACH YEAR AFTER JANUARY 1, 2007 PER THE REQUIREMENTS OF RULE 1127. THE REPORT SHALL BE SENT TO: SCAOMD, COMPLIANCE DIVISION, PO BOX 4941, DIAMOND BAR, CA 91765-0941.
- 10. THE OPERATOR SHALL:
  - A. CEASE ALL HAY GRINDING ACTIVITIES BETWEEN 2-5 PM EACH DAY IF VISIBLE EMISSIONS EXTEND MORE THAN 50 FEET FROM A HAY GRINDING SOURCE, AND
  - B. TREAT ALL UNPAVED ACCESS CONNECTIONS AND UNPAVED FEED LANE ACCESS AREAS WITH EITHER PAVEMENT, GRAVEL (MAINTAINED TO A DEPTH OF FOUR (4) INCHES), OR ASPHALTIC ROADBASE.
- 11. THE OPERATOR SHALL MAINTAIN RECORDS THAT SPECIFY THE MONTHLY AVERAGE NUMBER OF ANIMALS MAINTAINED AT THIS FACILITY.
- 12. THE OPERATOR SHALL MAINTAIN RECORDS, IN A MANNER APPROVED BY THE DISTRICT, TO DEMONSTRATE COMPLIANCE WITH CONDITIONS 3, 4, 7, 8, AND 11. ALL RECORDS SHALL BE RETAINED AT THE FACILITY FOR AT LEAST THREE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

FILE COPY



### **PERMIT TO OPERATE**

Page 3 Permit No. F88630 A/N 445046

### NOTICE

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**EXECUTIVE OFFICER** 

By Dorris M.Bailey/CW02 3/29/2007



### **PERMIT TO OPERATE**

Page 1-Permit No. F88629 A/N 445096

ID 144860

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership. If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner

or Operator:

MINABERRY DAIRY, #1 8888 EUCALYPTUS AVE

ONTARIO, CA 91762

**Equipment Location:** 

8888 EUCALYPTUS AVE, ONTARIO, CA 91762

### **Equipment Description:**

INTERNAL COMBUSTION ENGINE, ELECTRIC MACHINERY, SERIAL NO. 273911531; DIESEL FUELED, 125 KW DRIVING AN EMERGENCY ELECTRICAL GENERATOR

### **Conditions:**

- 1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
- 2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
- 3. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF RULE 431.2 SULFUR CONTENT OF LIQUID FUELS.
- 4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 20 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES..
- 5. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.
- 6. THE OPERATOR SHALL ONLY USE DIESEL FUEL WITH A SULFUR CONTENT THAT DOES NOT EXCEED 15PPM BY WEIGHT, UNLESS THE OPERATOR DEMONSTRATES IN WRITING TO THE EXECUTIVE OFFICER THAT SPECIFIC ADDITIONAL TIME IS NECESSARY.
- 7. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED ON FILE TO RECORD WHEN THIS ENGINE IS STARTED MANUALLY. THE LOG SHALL LIST THE DATE OF OPERATION, THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION, AND THE REASON FOR OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF THE THREE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION (INCLUDE HOURS FOR MANUAL AND AUTOMATIC OPERATION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.

**FILE COPY** 



### PERMIT TO OPERATE

Page 2, Permit No. F88629 A/N 445096

- 8. NOTIFICATION OF LOSS OF EXEMPTION FROM AQMD RULE 1470:
  - A. IN-USE STATIONARY COMPRESSION IGNITION (CI) ENGINES USED IN AGRICULTURAL OPERATIONS ARE CURRENTLY EXEMPT FROM THE REQUIREMENTS OF RULE 1470.

    OWNERS OR OPERATORS OF THESE ENGINES SHALL NOTIFY THE EXECUTIVE OFFICER IMMEDIATELY AFTER THEY BECOME AWARE THAT THE EXEMPTION NO LONGER APPLIES.
  - B. NO LATER THAN 180 DAYS AFTER NOTIFYING THE EXECUTIVE OFFICER, THE OWNER OR OPERATOR SHALL DEMONSTRATE COMPLIANCE WITH THE REQUIREMENTS AND SHALL PROVIDE EMISSION DATA IN ACCORDANCE WITH 1470(F) FOR THE PURPOSES OF DEMONSTRATING COMPLIANCE.
- 9. RECORDS SHALL BE MAINTAINED TO DEMONSTRATE COMPLIANCE WITH CONDITION NOS. 4
  AND 7. THE RECORDS SHALL BE RETAINED AT THE FACILITY FOR AT LEAST THREE YEARS AND
  MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.

### NOTICE

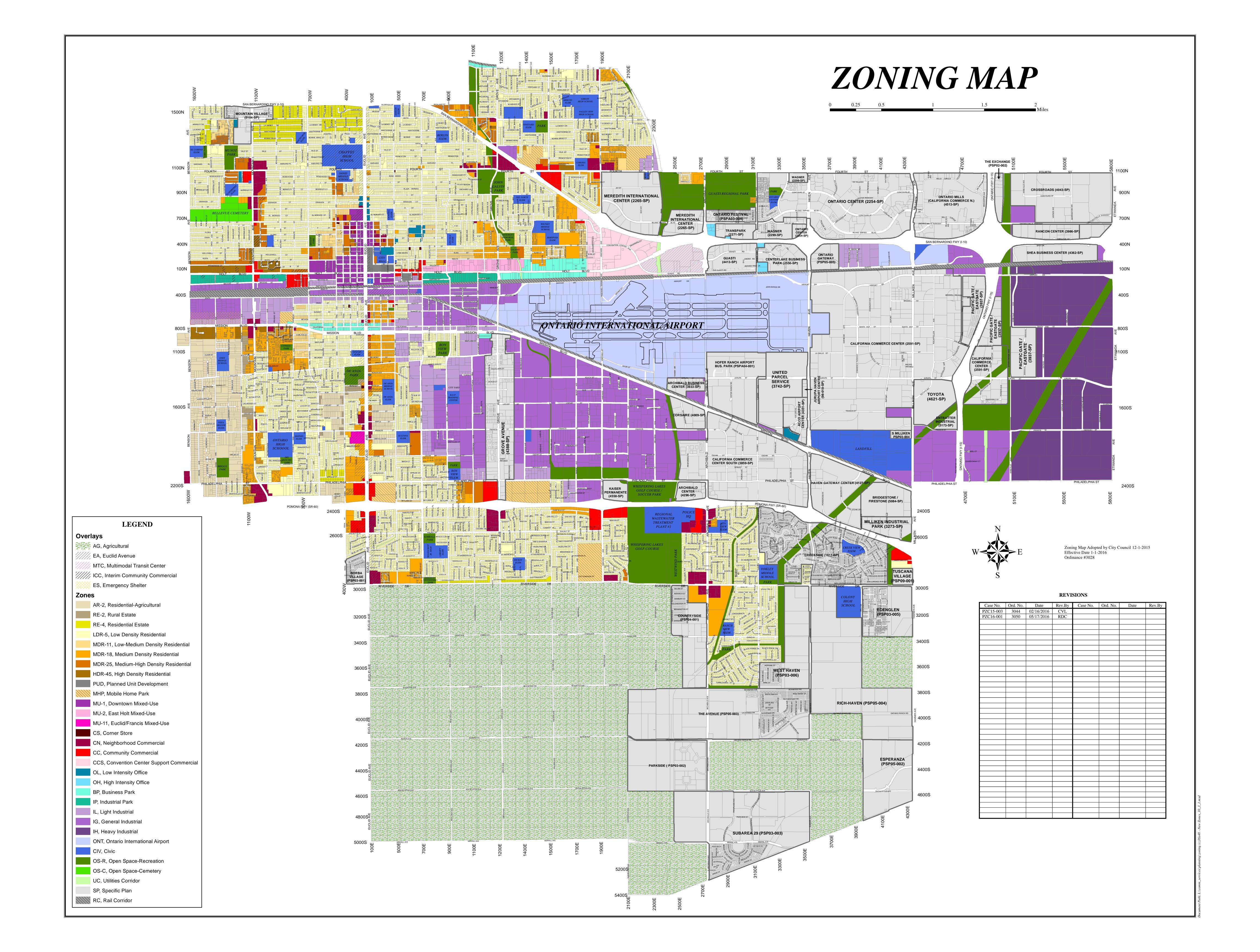
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**EXECUTIVE OFFICER** 

By Dorris M.Bailey/CW02

3/29/2007



*Looked up 8731 8634 8831 8888 Eucalyptus A	h/
Building Department: CHAND BD Date: 7-14-16  Contact Name: KIVA BOWLEY SV. PERMIT TECH *  Address/Phone Number: 303 E Street Ontando	
* W. W. W. W.	
C 12012 BOI 200145 Maye Minaberry Water tank 5000 Date of Permit Number Issued To: Purpose: Water tank Astalla trus	
5,000g blackt dark green	
tank + piping syptem	
5-16-12 B201201294 Minaberry Family include new 125	
amp sub panel, include ZHP pump	
+ Dis pump panel	
* only allowed to make copies of Res.  properties - no commercial  prop. permits  Rev: 07012016	
D:Agency/Bldg Dept Info Table PWP (PWWT)  Rev: 07012016	

ddress: 8831 E EUCALYP	TUS AV ONTA	ermit No. <b>B20120</b> (	0145	City	of (	Ontario в	uilc	ling Departi	ment 
WHER  INABERRY FAMILY LLC  388 EUCALYPTUS AVE  NTARIO, CA 91762 91762  Itended Permit Use:  escription / Comments: INSTALLATION		D CONST	esigner Lic #:			Date: 04/04/2 Tot Sq. Ft: New Sq.Ft/TL Units: 0 Stories: 0 Occ: DAB#:	0	Val:\$10,000. APN: 105417 0 Tret: Lot: Block: Const: Var: 0	
ereby affirm that I am licensed under provisition 7000) of Division 3 of the Business and ull force and effect.  The # 74 32 67 Lic. Class # HA	sions of Chapter 9 (commencing with d Professions Code, and my license is  Z Exp. Date 11/30/12  Z/31/12  or Low Low Law for the commencing with decrease is  ECLARATION  See Contractor's License Law for the or my employees with wages as their tructure is not intended or offered for e).  Intracting with licensed contractors to Professions Code).  ON DECLARATION  If the following:  Insent of self-insure for worker's  Insation Insurance.  Institute of Exemption, you should a provision of the Labor Code, you	Electrical Temp Power Service Temp Dist Sys Outlet/Switch 1-20 Outlet/Switch 1-20 Light Fix 1-20 Light Fix >20 Platform/Thea Res App Non-Res App Power to 1HP Power >1-10HP Power >50-100HP Power >50-100HP Power >50-100HP Pri Swim Pool Carvl/Circus Gen Display/Lighting/Etc: Busway Length (Feet) Service to 200 Amps Service 201-1000 Amps Service Over 600 Volta Misc. Equip Signs Addl. Sign Circ		Plumbing Fixtures/Vents Repair Vent/Drain Building Sewer Cesspool Priv Sewage Sys Ind. Waste Intercept Rainwater Sys. New/Repair Water Pipe Water Heaters Gas Outlets Gas Outlets >5 Lawn Spr Sys. Atm. Bckflw/Vac. >5 Bckflw Device to 2" Bckflw Device >2" Public Pools Public Spas Misc. Misc. Appl/Equip	000000000000000000000000000000000000000	Mechanical Furnace To 100M BTU Furnace Ovr 100M BTU Floor Furnace Unit/Wall Heater Boiler To 100M BTU Boiler 501-1000M BTU Boiler 501-1000M BTU Boiler 101-750M BTU Boiler 101-1750M BTU AH to 10K CFM AH Ovr 10K CFM Evap Cooler Vent Fan Vent Systetm Hood Equip Repair/Alter Appl Vents Domestic Inc Comm/Indust Inc		Issuance Fee Building Fee Electrical Fee Plumbing Fee Mechanical Fee Grading Fee Inspection Fee Plan Review Fee NMC Dev Fee Development Fee Sewer Assmnt SFD Sewer Assmnt COM Fire Facilities Fee Dust Control Fee S.M.1.P Fee Investigation Fee Microfilm-Permit Fee Microfilm-Plans Fee Xerox Copies Fee SB1473 Fee Min. Issuance Refund Amount	\$23.50 \$181.25 \$0.00 \$28.25 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$1.00 \$0.00 \$1.50 \$0.00 \$0.00 \$0.00

Total Fees \$505.50
Total Payments (-) \$505.50
Balance Due \$0.00

hature of Owner or Agent

perty for inspection purposes.

Date

rtify that I have read this application and state that the above rmation is correct. I agree to comply with all City and State laws ting to the building construction, and hereby authorize resentatives of this City to enter upon the above-mentioned



# City of Ontario Building Department

INSPECTION REQUEST LINE 909-395-2361

PERMIT #B20 | 200 | 45

POST this in a conspicuous place at the job site.

Main Line 909-395-2023/Inspectors 909-395-2362

You must furnish PERMIT NUMBER and JOB

ADDRESS for each respective inspection.

Approved plans must be at job site at all times.

### OTHER DEPARTMENT RELEASES

Other Department Approvals that may be required prior to the building being released by the City.

being released by the City.								
Department	Phone	Department	Phone					
Engineering	395-2025	Fire	395-2029					
Planning	395-2036	Police	395-2903					
Landscape	395-2237	Code	395-2007					
Electrical	Res/Com		Date Initial					
Gas	Standard/M	edium	Date Initial					

	garan tako 2007an 120-20au					
BUILDING APPROVALS	PLUMBING APPROVALS					
ine & Grade		Ground	5-1-12	PERSER 1		
Soils Cert.		Private Sewage System		. 0		
Footing/Steel/Ufer		Interceptor/Clarifier				
Slab on Grade		Water Service				
		On-Site Sewer				
Slab Pour Strip		On-Site Storm Drain				
Floor Framing		Rough Plumbing				
Floor Insulation Floor Sheathing		Gas Test				
		Multi-Purpose Fire Sprinklers				
Roof Framing/Sheathing		Roof Drains				
Ext. Wall Framing/Pre-Lath						
Tilt-Up Panels		Final	6712	de		
CMU Pre-Grout			AL APPROVALS	0		
Fire Stopping – Prelim.		Rough Mechanical				
Framing & Flashing		Rough Mechanical T-Bar				
Insulation		Rough Process Piping				
Drywall Nailing		Rough Refrigeration				
Fire Stopping		Ducts - Ventilating System				
Lathing/Siding/Flashing		Hoods/Booths				
T-Bar		110003/0000110				
Grading Cert.		Final				
			PA APPROVALS			
Final Complete Approve		Pool Steel/Bonding				
ELECTRICAL APPROVAL	.5	Barrier/Pre-Plaster				
Temp. Power System		Deck Bonding				
Underground Conduit		Demo				
Rough Electric		Final				
Rough Electric – T-Bar			APPROVALS	<u> </u>		
SRV's Grounding & Bonding		Sewer Cap/Septic Abandonmen	t			
<b>-</b> :1		Final				
Final						
NOTES:						
				<u> </u>		

ddress: 8831 E EUCALY	PTUS AV ONTA	Permit No. B2012012	94	City	<u> </u>	JIILAI 10 E		uing bepa	
wner (INABERRY FAMILY LLC 388 EUCALYPTUS AVE NTARIO, CA 91762 91762  Itended Permit Use: escription / Comments:INCLUDE NE CTRIC FOR PERMIT B201200145)	Contractor ECU INCORPORATED 19012 BIKINI LANE HUNT BEACH, CA 92646 714-965-2436 Lic #: 761075		:#:			Date: 05/16 Tot Sq. Ft.: New Sq. Ft/I Units: 0 Stories: 0 Occ: DAB#:	0		0.00 5417103
ereby affirm that I am licensed under pro- tion 7000) of Division 3 of the Business a	visions of Chapter 9 (commencing with and Professions Code, and my license is								
ense # 76/075 Lic. Class Critical Cl	the Contractor's License Law for the y, or my employees with wages as their estructure is not intended or offered for ode).  contracting with licensed contractors to in Professions Code).  from DECLARATION  of the following:  Consent of self-insure for worker's  constation Insurance.  er: NORGOARD  work for which this permit is issued, I so as to become subject to Worker's  dis Certificate of Exemption, you should don provision of the Labor Code, you or this permit shall be deemed revoked.	Electrical Temp Power Service Temp Dist Sys Outlet/Switch 1-20 Outlet/Switch >20 Light Fix 1-20 Light Fix >20 Platform/Thea Res App Non-Res App Power to 1HP Power >1-10HP Power >10-50HP Power >50-100HP Power >100HP Pri Swim Pool Carvl/Circus Gen Display/Lighting/Etc: Busway Length (Feet) Service to 200 Amps Service 201-1000 Amps Service Over 600 Volts Misc. Equip Signs Addl. Sign Circ	(0) Fig. (0) Re (0) Bu (0) Ca (0) Pr (0) Mu (0) Gi (1) Gi (0) Bu	imbing itures/Vents pair Vent/Drain ilding Sewer sspool v Sewage Sys I. Waste Intercept inwater Sys. w/Repair Water Pipe ater Heaters is Outlets is Outlets Soutlets		Mechanical Furnace To 100M BTU Furnace Ovr 100M BTU Floor Furnace Unit/Wall Heater Boiler To 100M BTU Boiler 501-1000M BTU Boiler 501-1750M BTU Boiler 1001-1750M BTU AH to 10K CFM AH Ovr 10K CFM Evap Cooler Vent Fan Vent Systetm Hood Equip Repair/Alter Appl Vents Domestic Inc Comm/Indust Inc	(0) (0) (0) (0) (0)	NMC Dev Fee Development Fet Sewer Assmnt SFI Sewer Assmnt CC Fire Facilities Fee Dust Control Fee S.M.I.P Fee Investigation Fee Microfilm-Permit Microfilm-Plans I	0M \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 Fee \$0.00 Fee \$0.00
ormation is correct. I agree to comating to the building construction, are santatives of this City to enter uperty for inspector purposes.	nply with all City and State laws and hereby authorize					Tot	al Fe	ees	\$141.30

Total Payments (-) \$141.30



# City of Ontario Building Department

INSPECTION REQUEST LINE 909-395-2361
PERMIT #B20 1201294

POST this in a conspicuous place at the job site.

Main Line 909-395-2023/Inspectors 909-395-2362

You must furnish PERMIT NUMBER and JOB

ADDRESS for each respective inspection.

Approved plans must be at job site at all times.

### OTHER DEPARTMENT RELEASES

Other Department Approvals that may be required prior to the building being released by the City.

being released by the City.								
Department	Phone	Department	Phone					
Engineering	395-2025	Fire	395-2029					
Planning	395-2036	Police	395-2903					
Landscape	395-2237	Code	395-2007					
Electrical	Res/Com New/Reset/Upgrade	Amps	Date Initial					
Gas	Standard/M		Date Initial					

BUILDING APPROVALS	PLUMBING APPROVALS
Line & Grade	Ground
Soils Cert.	Private Sewage System
Footing/Steel/Ufer	Interceptor/Clarifier
Slab on Grade	Water Service
Slab Pour Strip	On-Site Sewer
Floor Framing	On-Site Storm Drain
Floor Insulation	Rough Plumbing
Floor Sheathing	Gas Test
Roof Framing/Sheathing	Multi-Purpose Fire Sprinklers
Ext. Wall Framing/Pre-Lath	Roof Drains
Tilt-Up Panels	
CMU Pre-Grout	Final
Fire Stopping – Prelim.	MECHANICAL APPROVALS
Framing & Flashing	Rough Mechanical
Insulation	Rough Mechanical T-Bar
Drywall Nailing	Rough Process Piping
Fire Stopping	Rough Refrigeration
Lathing/Siding/Flashing	Ducts - Ventilating System
T-Bar	Hoods/Booths
Grading Cert.	
Grading Cert.	Final
Final	POOL & SPA APPROVALS
ELECTRICAL APPROVALS	Pool Steel/Bonding
Temp. Power System	Barrier/Pre-Plaster
Underground Conduit	Deck Bonding
Rough Electric	Demo
Rough Electric - T-Bar	Final
SRV's Grounding & Bonding	DEMO APPROVALS
	Sewer Cap/Septic Abandonment
Final 6-7-12	Final
NOTES:	

# **Property Information Management System**

San Bernardino County
Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 1054-181-01-0000



### **Property Information**

Property Address (Main Situs) Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Owner and Mailing Address MINABERRY FAMILY LLC

Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Effective Date 04/24/2006

Parcel 1054181010000

Parcel Status ACTIVE

Parcel Type REAL PROPERTY

**Property ID** 

Tax Status ASSESSED BY COUNTY

**Use Code DAIRY** 

Land Access PUBLIC PAVED

**Size** 7.001 TO 14.000 ACRES

Land Type AGRICULTURAL

**District ONTARIO** 

Resp Group REAL PROPERTY

Resp Unit AGRICULTURAL ZONE OR USE EXCEPT OSC

### **Current Owners**

### Name MINABERRY FAMILY LLC

**R/I** SOLE OWNER

% Int 100.0000000

Type BILLED OWNER

Acquisition Date 04/05/2006

**Document Date** 04/05/2006

**Inactive Date NONE** 

### **Document Numbers**

20060234627

### **Legal Parcel Map**

Parcel Map Parcel Nbr Unit Book	Page
---------------------------------	------

1054181010000

### **Legal Description**

RANCHO SANTA ANA DEL CHINO LOT 15 SEC 21 TP 2S R 7W EX MNL RTS RESERVATION OF RECORD

No Legal Reason for Change Found

No Active Homeowner's Exemptions Found



# **Property Information Management System**

San Bernardino County
Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 1054-181-02-0000



### **Property Information**

Property Address (Main Situs) Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Owner and Mailing Address MINABERRY FAMILY LLC

Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Effective Date 04/24/2006

Parcel 1054181020000

Parcel Status ACTIVE

Parcel Type REAL PROPERTY

**Property ID** 

Tax Status ASSESSED BY COUNTY

Use Code GRAZING

Land Access PUBLIC PAVED

**Size** 7.001 TO 14.000 ACRES

Land Type SINGLE FAMILY

RESIDENTIAL

**District ONTARIO** 

Resp Group REAL PROPERTY

Resp Unit AGRICULTURAL ZONE OR

USE EXCEPT OSC

### **Current Owners**

### Name MINABERRY FAMILY LLC

R/I SOLE OWNER

% Int 100.0000000

Type BILLED OWNER

Acquisition Date 04/05/2006

**Document Date 04/05/2006** 

**Inactive Date NONE** 

### **Document Numbers**

20060234627

### **Legal Parcel Map**

Parcel Nbr Unit Book Page	cel Map Parcel Nbr
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1054181020000

### **Legal Description**

RANCHO SANTA ANA DEL CHINO LOT 16 SEC 21 TP 2S R 7W EX MNL RTS RESERVATION OF RECORD 9.5 AC

No Legal Reason for Change Found

No Active Homeowner's Exemptions Found



San Bernardino County
Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 1054-191-01-0000



Property Address (Main Situs) Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Owner and Mailing Address MINABERRY FAMILY LLC

Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Effective Date 04/24/2006

Parcel 1054191010000

Parcel Status ACTIVE

Parcel Type REAL PROPERTY

**Property ID** 

Tax Status ASSESSED BY COUNTY

Use Code LIVESTOCK

Land Access PUBLIC PAVED

**Size** 7.001 TO 14.000 ACRES

Land Type AGRICULTURAL

**District ONTARIO** 

Resp Group REAL PROPERTY

Resp Unit AGRICULTURAL ZONE OR USE EXCEPT OSC

#### **Current Owners**

#### Name MINABERRY FAMILY LLC

R/I SOLE OWNER

% Int 100.0000000

Type BILLED OWNER

Acquisition Date 04/05/2006

**Document Date 04/05/2006** 

**Inactive Date NONE** 

### **Document Numbers**

20060234627

# **Legal Parcel Map**

Parcel Map Parcel Nbr Unit Book Page
--------------------------------------

1054191010000

## **Legal Description**

RANCHO SANTA ANA DEL CHINO LOT 18 SEC 21 TP 2S R 7W EX MNL RTS RESERVATION OF RECORD

No Legal Reason for Change Found



San Bernardino County
Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 1054-191-02-0000



Property Address (Main Situs) Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Owner and Mailing Address MINABERRY FAMILY LLC

Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Effective Date 04/24/2006

Parcel 1054191020000

Parcel Status ACTIVE

Parcel Type REAL PROPERTY

**Property ID** 

Tax Status ASSESSED BY COUNTY

Use Code LIVESTOCK

Land Access NONE

**Size** 7.001 TO 14.000 ACRES

Land Type AGRICULTURAL

**District ONTARIO** 

Resp Group REAL PROPERTY

Resp Unit AGRICULTURAL ZONE OR USE EXCEPT OSC

#### **Current Owners**

#### Name MINABERRY FAMILY LLC

R/I SOLE OWNER

% Int 100.0000000

Type BILLED OWNER

Acquisition Date 04/05/2006

**Document Date 04/05/2006** 

**Inactive Date NONE** 

### **Document Numbers**

20060234630

# **Legal Parcel Map**

Parcel Map Parcel Nbr Unit Book	Page
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1054191020000

## **Legal Description**

RANCHO SANTA ANA DEL CHINO LOT 17 SEC 21 TP 2S R 7W EX ST 9.25 AC M/L

No Legal Reason for Change Found



San Bernardino County
Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 1054-361-01-0000



Property Address (Main Situs) Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Owner and Mailing Address MINABERRY FAMILY LLC

Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Effective Date 04/24/2006

Parcel 1054361010000

Parcel Status ACTIVE

Parcel Type REAL PROPERTY

**Property ID** 

Tax Status ASSESSED BY COUNTY

Use Code LIVESTOCK

Land Access PUBLIC PAVED

**Size** 7.001 TO 14.000 ACRES

Land Type AGRICULTURAL

**District ONTARIO** 

Resp Group REAL PROPERTY

Resp Unit AGRICULTURAL ZONE OR USE EXCEPT OSC

#### **Current Owners**

#### Name MINABERRY FAMILY LLC

R/I SOLE OWNER

% Int 100.0000000

Type BILLED OWNER

Acquisition Date 04/05/2006

**Document Date 04/05/2006** 

**Inactive Date NONE** 

# **Document Numbers**

20060234627

# **Legal Parcel Map**

Parcel Map Parcel Nbr Unit Book Page
--------------------------------------

1054361010000

## **Legal Description**

RANCHO SANTA ANA DEL CHINO LOT 31 SEC 21 TP 2S R 7W EX MNL RTS RESERVATION OF RECORD

No Legal Reason for Change Found



San Bernardino County
Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 1054-361-02-0000



Property Address (Main Situs) Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Owner and Mailing Address MINABERRY FAMILY LLC

Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Effective Date 04/24/2006

Parcel 1054361020000

Parcel Status ACTIVE

Parcel Type REAL PROPERTY

**Property ID** 

Tax Status ASSESSED BY COUNTY

Use Code DAIRY

Land Access PUBLIC PAVED

Size 7.001 TO 14.000 ACRES

Land Type SINGLE FAMILY

RESIDENTIAL

**District ONTARIO** 

Resp Group REAL PROPERTY

Resp Unit ALL OPEN SPACE

CONTRACTS (WILLIAMSON ACT)

## Property Address for Single Family Residence Characteristic (Seq # 002)

Protected per CA. Govt. Code Sect. 6254.21

Protected per CA. Govt. Code Sect. 6254.21

# Property Address for Single Family Residence Characteristic (Seq # 001)

Protected per CA. Govt. Code Sect. 6254.21

Protected per CA. Govt. Code Sect.

6254.21

## **Current Owners**

# Name MINABERRY FAMILY LLC

R/I SOLE OWNER

% Int 100.0000000

Type BILLED OWNER

Acquisition Date 04/05/2006

**Inactive Date NONE** 

Document Date 04/05/2006

# **Document Numbers**

20060234630

# **Legal Parcel Map**

Parcel Map	Parcel Nbr	Unit	Book	Page	

1054361020000

# **Legal Description**

RANCHO SANTA ANA DEL CHINO LOT 32 SEC 21 TP 2S R 7W EX ST

# No Legal Reason for Change Found



San Bernardino County
Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 1054-171-01-0000



Property Address (Main Situs) Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Owner and Mailing Address MINABERRY FAMILY LLC

Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Effective Date 04/24/2006

Parcel 1054171010000

Parcel Status ACTIVE

Parcel Type REAL PROPERTY

**Property ID** 

Tax Status ASSESSED BY COUNTY

Use Code SFR

Land Access PUBLIC PAVED

**Size** 20,000 SQ. FEET TO 1.500

Land Type SINGLE FAMILY

RESIDENTIAL

**District ONTARIO** 

Resp Group REAL PROPERTY

Resp Unit AGRICULTURAL ZONE OR

USE EXCEPT OSC

#### **Current Owners**

#### Name MINABERRY FAMILY LLC

**R/I** SOLE OWNER

% Int 100.0000000

Type BILLED OWNER

Acquisition Date 04/05/2006

**Document Date** 04/05/2006

**Inactive Date NONE** 

### **Document Numbers**

20060234628

# **Legal Parcel Map**

Parcel Map Parcel Nbr Unit Book Page
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1054171010000

## **Legal Description**

RANCHO SANTA ANA DEL CHINO ELY 165 FT WLY 263 FT NLY 150 FT LOT 2 SEC 21 TP 2S R 7W EX MNL RTS RESERVATION OF RECORD

No Legal Reason for Change Found



San Bernardino County
Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 1054-171-02-0000



Property Address (Main Situs) Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Owner and Mailing Address MINABERRY FAMILY LLC

Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Effective Date 04/24/2006

Parcel 1054171020000

Parcel Status ACTIVE

Parcel Type REAL PROPERTY

**Property ID** 

Tax Status ASSESSED BY COUNTY

**Use Code DAIRY** 

Land Access PUBLIC PAVED

Size 7.001 TO 14.000 ACRES

Land Type AGRICULTURAL

**District ONTARIO** 

Resp Group REAL PROPERTY

Resp Unit AGRICULTURAL ZONE OR USE EXCEPT OSC

#### **Current Owners**

#### Name MINABERRY FAMILY LLC

**R/I** SOLE OWNER

% Int 100.0000000

Type BILLED OWNER

Acquisition Date 04/05/2006

**Document Date** 04/05/2006

**Inactive Date NONE** 

### **Document Numbers**

20060234627

# **Legal Parcel Map**

Parcel Map Parcel Nbr Unit	Book	Page
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1054171020000

## **Legal Description**

RANCHO SANTA ANA DEL CHINO LOT 2 SEC 21 TP 2S R 7W EX ELY 165 FT WLY 263 FT NLY 150 FT AND EX MNL RTS RESERVATION OF RECORD

No Legal Reason for Change Found



San Bernardino County
Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 1054-171-03-0000



Property Address (Main Situs) Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Owner and Mailing Address MINABERRY FAMILY LLC

Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Effective Date 04/24/2006

Parcel 1054171030000

Parcel Status ACTIVE

Parcel Type REAL PROPERTY

**Property ID** 

Tax Status ASSESSED BY COUNTY

Use Code SFR

Land Access PUBLIC PAVED

**Size** 20,000 SQ. FEET TO 1.500

Land Type SINGLE FAMILY

RESIDENTIAL

**District ONTARIO** 

Resp Group REAL PROPERTY

Resp Unit AGRICULTURAL ZONE OR

USE EXCEPT OSC

#### **Current Owners**

#### Name MINABERRY FAMILY LLC

**R/I** SOLE OWNER

% Int 100.0000000

Type BILLED OWNER

Acquisition Date 04/05/2006

**Document Date** 04/05/2006

**Inactive Date NONE** 

### **Document Numbers**

20060234629

# **Legal Parcel Map**

Parcel Map Parcel Nbr Unit	Book	Page
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1054171030000

## **Legal Description**

RANCHO SANTA ANA DEL CHINO WLY 185 FT NLY 150 FT LOT 1 SEC 21 TP 2S R 7W EX MNL RTS RESERVATION OF RECORD

No Legal Reason for Change Found



San Bernardino County
Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 1054-171-04-0000



Property Address (Main Situs) Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Owner and Mailing Address MINABERRY FAMILY LLC

Protected per CA. Govt. Code

Sect. 6254.21

Protected per CA. Govt. Code

Sect. 6254.21

Effective Date 04/24/2006

Parcel 1054171040000

Parcel Status ACTIVE

Parcel Type REAL PROPERTY

**Property ID** 

Tax Status ASSESSED BY COUNTY

**Use Code DAIRY** 

Land Access PUBLIC PAVED

Size 7.001 TO 14.000 ACRES

Land Type AGRICULTURAL

**District ONTARIO** 

Resp Group REAL PROPERTY

Resp Unit AGRICULTURAL ZONE OR USE EXCEPT OSC

#### **Current Owners**

#### Name MINABERRY FAMILY LLC

R/I SOLE OWNER

% Int 100.0000000

Type BILLED OWNER

Acquisition Date 04/05/2006

**Document Date** 04/05/2006

**Inactive Date NONE** 

### **Document Numbers**

20060234627

# **Legal Parcel Map**

Parcel Map Parcel Nbr Unit Book Page
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1054171040000

## **Legal Description**

RANCHO SANTA ANA DEL CHINO LOT 1 SEC 21 TP 2S R 7W EX WLY 185 FT NLY 150 FT AND EX MNL RTS RESERVATION OF RECORD 8.363 AC

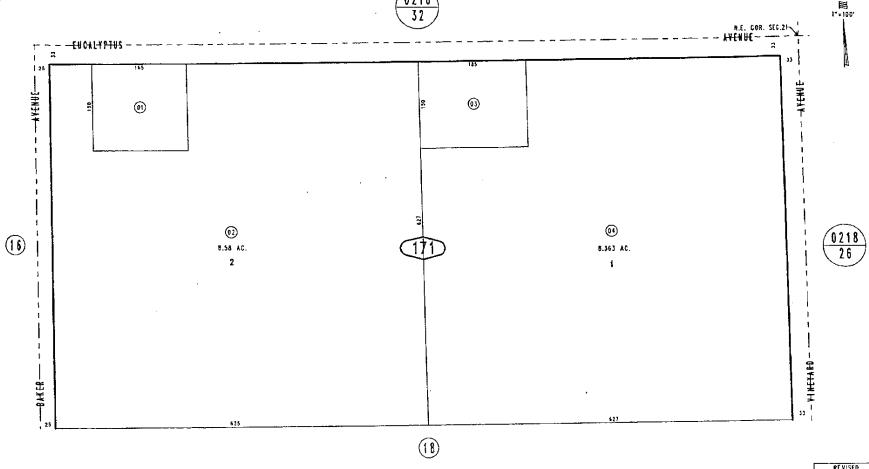
No Legal Reason for Change Found



City of Ontario Tax Rate Area 4073

1054 - 17





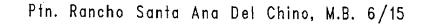
October 2004

Ptn. N.E.1/4, Sec.21 T.2S.,R.7W.

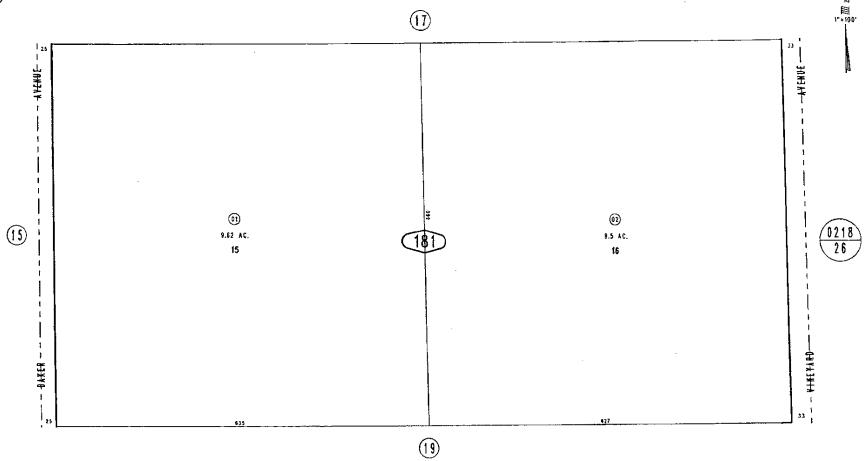
Assessor's Map Book 1054 Page 17 San Bernardino County

REVISED



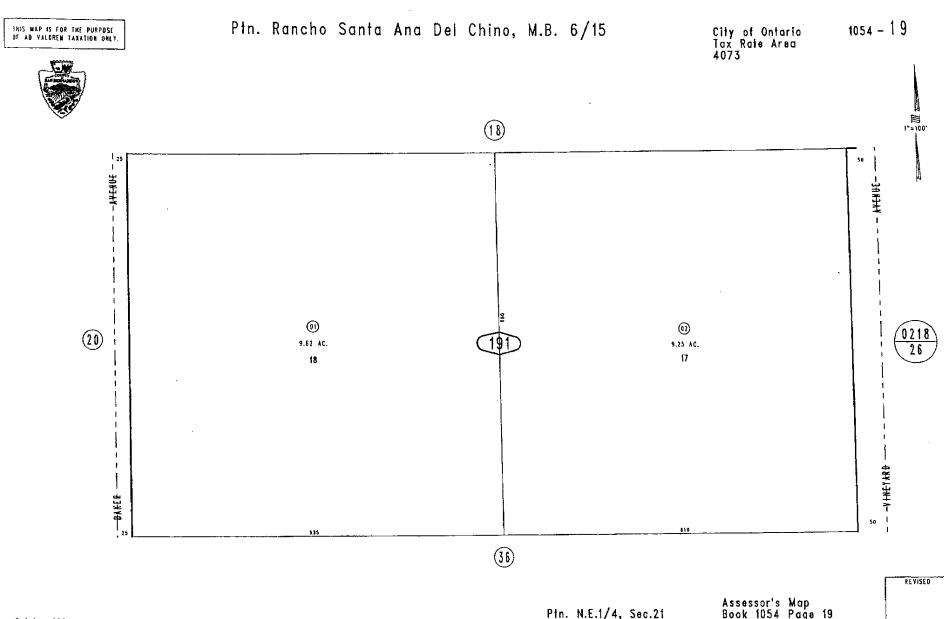


City of Ontario Tax Rate Area 4073 1054 - 18



October 2004

Ptn. N.E.1/4, Sec.21 T.2S.,R.7W. Assessor's Map Book 1054 Page 18 San Bernardino County REVISED



October 2004

Pin. N.E.1/4, Sec.21 T.2S.,R.7W.

Assessor's Map Book 1054 Page 19 San Bernardino County

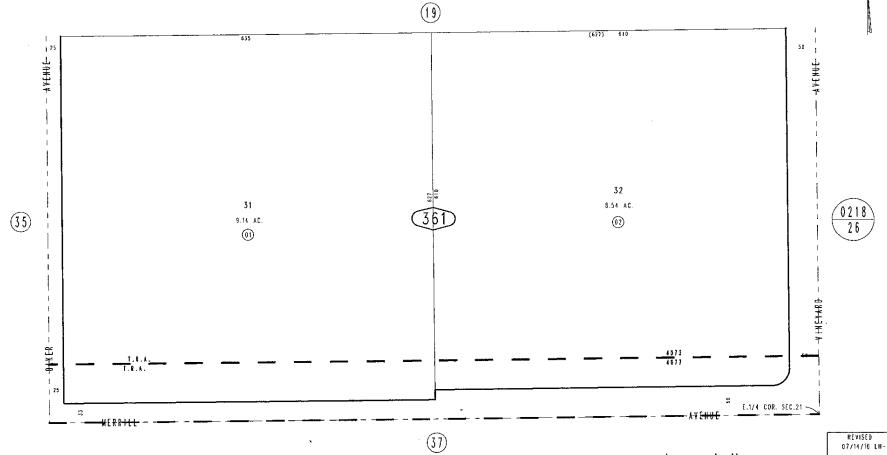
THIS MAP IS FOR THE PURPOSE OF AD VALOREM TAXATION ONLY.

Ptn. Rancho Santa Ana Del Chino, M.B. 6/15

City of Ontario Tax Rate Area 4073,4077

1054 - 36





October 2004

Pin. N.E.1/4, Sec.21 T.2S.,R.7W.

Assessor's Map Book 1054 Page 36 San Bernardino County

REVISED 07/14/10 LH-NC





ome Consumers State & Local Government Business & Industry About Us

SWIS Home
Search Facility Database
Download Data File
Facility Database Definitions
Data Entry Form
- Fillable PDF (119 KD)
updated 04/15/16
- Fillable Word (139 KB)
updated 04/15/16
Required Data New SWIS #
LEA Central
Investory
Digital Inspection Program
Digital Inspection

Facility/Site Summary Details: Partida Fertilizer (36-AA-0480)

LEA Contact: See the "Local Enforcement Agency (LEA)" information below CalRecycle Contact: Dianne Ohiosumus (916) 323-0792

Detail Inspection Enforcement Maps Documents

Identification:
Location: Partida Fertilizer
8888 Eucalyptus Ave.
Ontario, CA 91762
Latitude: 33,98995
Longitude: -117,61164
GIS Confidence: Map Local Enforcement Agency (LEA): Local Enforcement Agency (LEA): County of San Bernardino Div. of Environmental Health Services 365 N Arrowhead Ave San Bernardino, CA 92415-0160 Phone: (800).442-2233 Fax: (909) 387-4323

US EPA FRS ID: Not Available

US EPA FRS ID: Not Available Operator/Business Owner: Partida Fertilizer 824 Tam O'Shanter St. Ontario, CA 91762 Phone: (909) 239-7403 Fax: (909) 923-9811 Land Owner(s): Henri Minaberry 8888 Eucalyptus Ave. Ontario, CA 91762 Phone: (909) 239-7403 Fax: (909) 923-9811

Surrouding Land Use:
Not Available
Permit Distable:
Contex - Permit totals:
Contex - Permit tot EA Notification Issue Date: August 1, 2014 Type: Notification
Usit Specifications:
Contex - Contex - Permit to EA Notification

Unit: 01

Activity: Composting Operation (Ag)
Classification: Solid Waste Operation
Category: Composting Operation
Regulatory Status: Notification
Operational Status: Active
Operational Type: Not Available

Inspection Frequency: Quarterly
Max Permitted Throughput: 266.00 Cu Yards/day
Permitted Capacity: 96,000 Cu Yards/year
Total Acreage: 4.0000 Acres

#### Sold Waste Information System (SWIS) State of California California Integrated Waste Facility / Site /Operation Data Entry Form CIWMB 37 (Rev. 01/2008) Management Board ☑\*\*\* New SWIS Number ☐ Update information(\*☐) ☐ Change in address or phone #s ☐ Request to Archive CIWMB USE ONLY = Facility/Site/Operation SWIS Number 36 - AA - 0480 / LEA \* Facility Locator Information: see: http://www.ciwmb.ca.gov/SWIS/MinimumData.htm Facility/Site Name: Partida Fertilizer Ave Facility/Site Location/Address: 8888 Eucalyptus Nearest City/Place Name: Ontario County: San Bernardino State CA Zip:91762 -Facility locator info: Decimal Degrees = Longitude: - 1 1 7.6 1 1 6 4 Latitude 3 3. 8 8 9 9 5 Degrees, Minutes, and Seconds: Long: - Lat: Assessor Parcel Number(s): Map#: 682 Section: 22 Township: T2S Range: R7W Base/Meridian: SB D Operator (Business Owner) information: Person/Operator Name/Company Name: Partida Fertilizer Last Name: Partida First Name: Betty Title: Operator Organization: Mailing Address: 824 Tam O'Shanter St Zip: 9 1 7 6 2 -City: Ontario State: CA Phone Number: (909) 2 3 9 - 7 4 0 3 FAX: (909) 923-9811 E- Mail Address: E Land Owner(s) [Property Owner(s)] information: Person/Operator Name/Company Name: Henri Minaberry Last Name: Minaberry First Name: Henri Title: Land Owner Organization: Mailing Address: 8888 Eucalyptus Ave Zip: 9 1 7 6 2 - 7 7 7 City: Ontario State: Ca Phone Number: (909) 2 3 9 - 7 4 0 3 FAX: (909) 923-9811 E- Mail Address: \*\*\*Required Signature for submittal to CIWMB with supporting documents and maps: LEA or Operator or Owner signature: X Phone: 1(800)442-22& Date: 8/1/2014 ☑ Supporting documents attached ☑ Maps attached All signatures and dates present on documents See: http://www.ciwmb.ca.gov/SWIS/MinimumData.htm Facility /Site / Unit: Characteristics /Specifications: Unit Activity(s) name(s) and Code #: Agricultural 01 (See back of this form for list of Activity types and codes) Check one each: Regulatory Status Operator Type Operational Status Inspection Frequency: Quarterly □ Permitted ☐ Federal ☐ Planned Closure year (date): N/A □Unpermitted ☐ State Z Active Tons/Volume per Day: 266 Cubic vards/day □Exempt ☐ County ☐ Inactive Permit Date: N/A ☑ EA Notification ☐ City ☐ Closed EA Notification date:8/1/2014 ☐ Excluded ☑ Private ☐ Clean Closed ☐ Proposed ☐ District ☐ To be Determined List one or more Types of Waste to be received /permitted (see back of this form for list of waste types/ code #): Agricultural 01 CCR 17856

\*\*\*Required CIWMB staff Signature (Received and Reviewed for completeness)

Phone:

Date:

by: X

# **ENFORCEMENT AGENCY NOTIFICATION**

Enforcement Agency:		Official Use Only			
Environmental Health Service	ces	SWIS Number:	36-AA	-0480	
County SAN Bernardino		Date Received	8/1/2	3/1/2014	
		With a little and the			
I. GENERAL II	NFORMATION			* 4 . · ·	
Operation Name: PARHOA FERHIZER	1		A RESULT	0:	
Address 888 Eucalyptus Ave City	ONTARI	O State:	CA Zip	9/762	
Phone (951)817-5184   Fax: (96	19)923-	2668			
Operator Name. Getty A. PARtia	TA				
address: 824 Tam O Shanter City	Ontario	) State	CA Zip	41761	
Phone (909) 947-8054 Fax: (90	9)423-3	1668			
and Owner Henri Minaberry				·	
Address 8888 Eucalyptus Ave City.	Ontreio	State:	Off Zip	4/762	
Phone (909) 239-17403 Fax: (9)	09) 423-	9811			
II. OPERATION	INFORMATION				
Authorizing Eligibility (State Section of 14 CCR Division 7, Chapter 3 or 3 1) S	see back for more details	1785	56		
Type(s) of Waste/Material Handled: DAILY MANUE	elchicke	N MANUEL	1 Horse M	Anuce/	
/olume of Waste/Material Handled 8000 cu. yds	per month	LADPOX.	2000 to 4	100 eu. vds	
	Annual Loading:	196,000		Tons dille	
Days and Hours of Operation. Mon theu SAt Gam	5pm	Operation Acre	age HAC	les to	
Brief Description of the Operation			- 17 17		
Cheening and blending OF dairy	nanure 1	Chicken 1	nAnuke	<u>.</u>	
Horsemanues, Showings/saudi	ust woo	there top	soil ldi	et	
and sand. Delivering preducti					
nurseries throughout Souther	0 1.0	enna.			
, , , , , , , , , , , , , , , , , , , ,					
III. DOCUMENTATION OF LOCAL NOTIFICA	ATION (check one	and submit with EA	Notification)		
Proof of Compliance with the California Environmental Q	Quality Act (CEQA)				
Correspondence from the local planning department that obtain local land use approval.	t compliance with	CEQA is not requ	ired for the op	eration to	
Written notice to the local planning department of the op-	erator's intent to o	ommence operati	ons		
IV. OWNER/OPERAT	TOR CERTIFICAT	TON			
I hereby certify under penalty of perjury that the information provi	rided is true and accur	ate to the best of my l	knowledge and be	elief	
Signature of Land Owner Lill	lung	Dat	te 7-	25-14	
Signature of Operator: Reffa Pa	1	Dat	A 7/	sula.	
organization of operation.	balla	Da	1/0	17/2019	

<sup>\*</sup> Completion of this form is not required by regulation; however, it will provide the enforcement agency with the information required by 14 CCR 18103.1.

• A separate Notification is required for each eligible operation.



Wednesday, July 30, 2014

TO: City of Ontario Planning Department 303 East "B" Street Ontario, CA 91764

RE: Intent to Apply for a Conditional Use Permit

To whom it may concern:

This letter is intended to notify the city of Ontario of the intent by Partida Fertilizer to commence its application process for a Conditional Use Permit for the purpose of composting at 8888 Eucalyptus Ave. Ontario, CA 91762.

With Regards,

Betty Partida - Partida Fertilizer

JUL 31 2014

RECEIVED

City of Cottario Play may Department

received.

P O. Box 945, Chino, CA 91708

(951) 817-5184 Fax (909) 923-2668

Email: partidafertilizer@hotmail.com

# Hettinga Dairy and Minaberry Land - 111.19 acres

Eucalyptus Avenue Chino, CA 91710

Inquiry Number: 4670058.8

July 14, 2016

# **EDR Environmental Lien and AUL Search**



## **EDR Environmental Lien and AUL Search**

The EDR Environmental Lien and AUL 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**

Eucalyptus Avenue Hettinga Dairy and Minaberry Land - 111.19 acres Chino, CA 91710

#### **RESEARCH SOURCE**

#### Source 1:

San Bernardino Recorder San Bernardino, CA

## **PROPERTY INFORMATION**

#### Deed 1:

Type of Deed: deed

Title is vested in: Minaberry Family LLC
Title received from: Marie & Michel Philip

Deed Dated 3/28/2006 Deed Recorded: 4/5/2006 Book: NA Page: na Volume: na Instrument: na Docket: NA Land Record Comments: apn chg

Miscellaneous Comments:

Legal Description: See Exhibit

Legal Current Owner: Minaberry Family LLC

Parcel # / Property Identifier: 1054-191-02, 1054-361-02

Comments: See Exhibit

#### Deed 2:

Type of Deed: deed

Title is vested in: Minaberry Family LLC
Title received from: Marie & Michel Philip

 Deed Dated
 3/28/2006

 Deed Recorded:
 4/5/2006

 Book:
 NA

 Page:
 na

 Volume:
 na

 Instrument:
 na

 Docket:
 NA

Land Record Comments:

# **EDR Environmental Lien and AUL Search**

apn chg

Miscellaneous Comments:

Legal Description: See Exhibit

Legal Current Owner: Minaberry Family LLC

Parcel # / Property Identifier: 1054-171-02, 1054-171-0, 1054-181-01, 1054-181-02, 1054-191-01, 1054-361-01

Comments: See Exhibit

Deed 3:

Type of Deed: deed

Title is vested in: Minaberry Family LLC
Title received from: Marie & Michel Philip

 Deed Dated
 3/28/2006

 Deed Recorded:
 4/5/2006

 Book:
 NA

 Page:
 na

 Volume:
 na

 Instrument:
 na

 Docket:
 NA

Land Record Comments: Miscellaneous Comments:

Legal Description: See Exhibit

Legal Current Owner: Minaberry Family LLC

Parcel # / Property Identifier: 1054-171-03

Comments: See Exhibit

Deed 4:

Type of Deed: deed

Title is vested in: Minaberry Family LLC
Title received from: Marie & Michel Philip

 Deed Dated
 3/28/2006

 Deed Recorded:
 4/5/2006

 Book:
 NA

 Page:
 na

 Volume:
 na

 Instrument:
 na

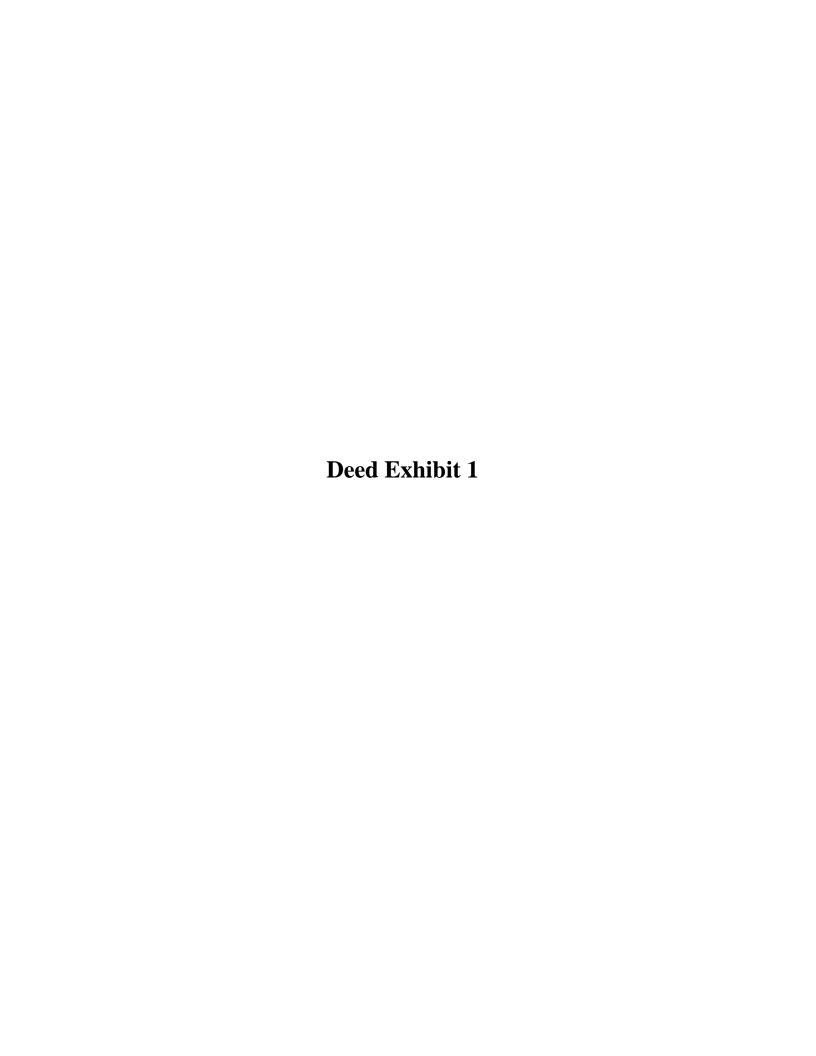
 Docket:
 NA

Land Record Comments: Miscellaneous Comments:

Legal Description: See Exhibit

# **EDR Environmental Lien and AUL Search**

Legal Current Owner:	Minaberry Family LLC
Parcel # / Property Identifier:	1054-171-01
Comments:	See Exhibit
Deed 5:	
Type of Deed:	deed
Title is vested in:	GH Dairy
Title received from:	GH Dairy
Deed Dated	8/7/2013
Deed Recorded:	8/9/2013
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	GH Dairy
Parcel # / Property Identifier:	1054-151-02, 1054-161-03, 1054-351-02, 1054-201-02
Comments:	See Exhibit
ENVIRONMENTAL LIEN	
Environmental Lien:	Found Not Found
OTHER ACTIVITY AND USE LIMITA	TIONS (AULs)
AULs:	Found Not Found



• Order No. Escrow No. Loan No.

WHEN RECORDED MAIL TO:

Marie Minaberry 8888 Eucalyptus Avenue Ontario, CA 91762 Recorded in Official Records, County of San Bernardino

LARRY WALKER
Auditor/Controller – Recorder

4/05/2006 4:15 PM BN

P Counter

Doc#: 2006 — 0234630

 Titles:
 1
 Pages:

 Fees
 9.00

 Taxes
 0.00

 Other
 0.00

 PAID
 \$9.00

DOCUMENTARY TRANSFER TAX: \$ -0- Changing Manner in Which title

Is Held - R & T 11911

- .....Computed on the consideration or value of property conveyed; OR
- .....Computed on the consideration or value less liens or encumbrances remaining at time of sale.

SPACE ABOVE THIS LINE FOR RECORDER'S USE

Signature of Declarant or Agent determining tax - Firm Name

TODD M. LITMAN, Esq.

APN: 1054-361-02

Re: 8810 Merrill Avenue, Ontario

# QUITCLAIM DEED

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

MARIE MINABERRY AND MICHEL PHILLIP MINABERRY, Trustees of The Minaberry Family Trust dated March 14, 1985

do(es) hereby REMISE, RELEASE AND FOREVER QUITCLAIM to

# MINABERRY FAMILY, LLC

the real property in the City of Ontario, County of San Bernardino, State of California, described as:

See Exhibit "A" attached hereto and incorporated herein by reference

Dated _	3-28-	06	
STATE O	OF CALIFORNIA	$\mathcal{I}_{m}$	} }ss
COUNT	Y OF	Trange	}
On	3-28-06		before me
LIS	SA M. LEIBLEIN,	NOTARY PUB	LIC

personally appeared: Marie Minaberry and Michel Phillip Minaberry

personally known to me (or 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.

MAIL TAX STATEMENTS TO: To same address as set forth above

Marie Minaberry, Trustee

Marie Minaberry, Trustee

Wichel Phillip Minaberry, Trustee Justee



(This area for official notarial seal)

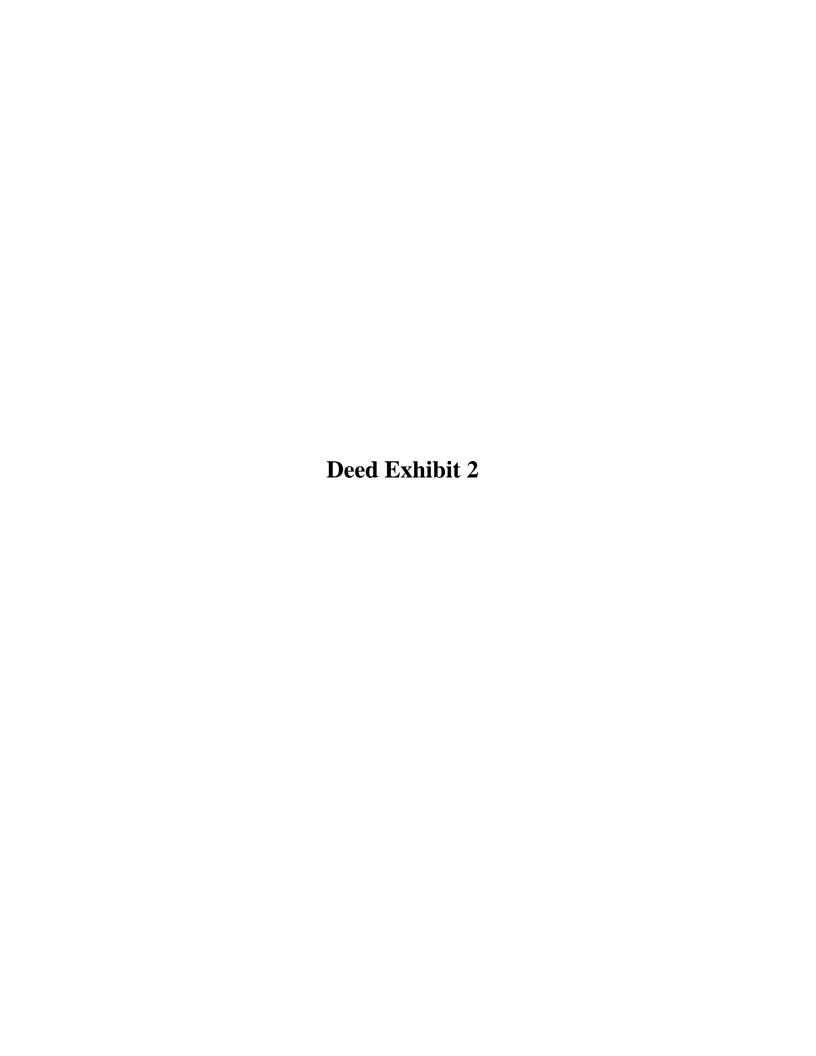
#### EXHIBIT "A"

#### PARCEL 1:

LOT 17, IN SECTION 21, TOWNSHIP 2 SOUTH, RANGE 7 WEST, SAN BERNARDING BASE AND MERIDIAN, ACCORDING TO MAP OF RANCHO SANTA DEL CHINO, IN THE CITY OF ONTARIO, COUNTY OF SAN BERNARDING, STATE OF CALIFORNIA, AS PER PLAT RECORDED IN BOOK 6 OF MAPS, PAGE 15, RECORDS OF SAID COUNTY.

#### PARCEL 2:

LOT 32, IN SECTION 21, TOWNSHIP 2 SOUTH, RANGE 7 WEST, SAN BERNARDING BASE AND MERIDINA ACCORDING TO MAP OF PART OF RANCHO SANTA DEL CHINI, IN THE CITY OF ONTARIOM COUNTY OF SAN BERNARIDNO, STATE OF CALIFORNIA, AS PER PLAT RECORDED IN BOOK 6 OF MAPS, PAGE 15, RECORDS OF SAID COUNTY.



Order No. Escrow No. Loan No.

WHEN RECORDED MAIL TO:

Marie Minaberry 8888 Eucalyptus Avenue Ontario, CA 91762

Recorded in Official Records, County of San Bernardino



4/05/2006 4:15 PM BN

P Counter

2006 **– 0234627** Doc#:

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Ш	П	Ш		П			H		l	Ш	ı	H	Ш	Ш		Ш

Titles:	1	Pages:	2
Fees		9.00	
Taxes		0.00	
Other		0.00	
PAID		\$9.00	

DOCUMENTARY TRANSFER TAX: \$ -0- Changing Manner in Which title Is Held - R & T 11911

- ....Computed on the consideration or value of property conveyed; OR
- .....Computed on the consideration or value less liens or encumbrances remaining at time of sale.

SPACE ABOVE THIS LINE FOR RECORDER'S USE

Signature of Declarant or Agent determining tax - Firm Name TODD M. LITMAN, Esq.

APN: 1054-191-02 \*\* see addt'l #s belovy **QUITCLAIM DEED** Re: 8888 Eucalyptus Avenue, Ontario

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

MARIE MINABERRY AND MICHEL PHILLIP MINABERRY, Trustees of The Minaberry Family Trust dated March 14, 1985

do(es) hereby REMISE, RELEASE AND FOREVER QUITCLAIM to

# MINABERRY FAMILY, LLC

the real property in the City of Ontario, County of San Bernardino, State of California, described as: ..

See Exhibit "A" attached hereto and incorporated herein by reference

\*\*1054-171-04, 1054-171-02, 1054-361-01, 1054-181-01, 1054-161-02, 1054-181-02, 1054-191-01

Dated 3-28-06. STATE OF CALIFORNIA COUNTY OF \_\_\_\_\_\_\_ before me, LISA M. LEIBLEIN, NOTARY PUBLIC

personally appeared: Marie Minaberry and Michel Phillip Minaberry

personally known to me (or 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.

Signature \_

MAIL TAX STATEMENTS TO: To same address as set forth above

Marie Minaberry, Trustee

Marie Minaberry, Trustee

Michel Phillip Minaberry, Trustee

Trustee



(This area for official notarial seal)

#### PARCEL A:

LOTS 1, 2, 15, 16, 18 AND 31, SECTION 21, TOWNSHIP 2 SOUTH, RANGE 7 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, ACCORDING TO THE MAP OF SUBDIVISION OF PART OF RANCHO SANTA ANA DEL CHINO, AS PER MAP RECORDED IN BOOK 6, PAGE 15 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPT THE EASTERLY 165 FEET OF THE WESTERLY 263 FEET OF THE NORTHERLY 150 FEET OF LOT 2 IN SECTION 21, TOWNSHIP 2 SOUTH, RANGE 7 WEST. SAN BERNARDINO MERIDIAN, ACCORDING TO MAP OF SUBDIVISION OF RANCHO SANTA ANA DEL CHINO, IN THE COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 6, PAGE 15 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPT THE WESTERLY 185 FEET OF THE NORTHERLY 150 FEET OF LOT 1 IN SECTION 21, TOWNSHIP 2 SOUTH, RANGE 7 WEST, SAN BERNARDINO MERIDIAN, ACCORDING TO MAP OF SUBDIVISION OF RANCHO SANTA ANA DEL CHINO, IN THE COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 6, PAGE 15 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

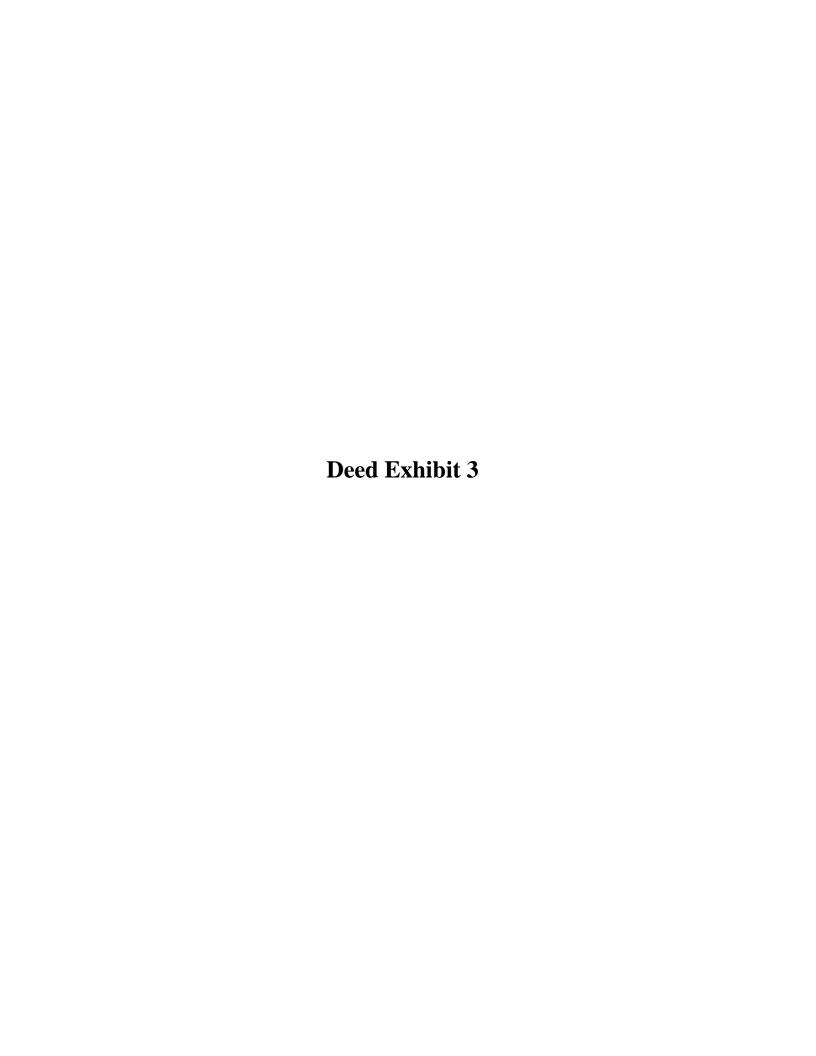
EXCEPTING AN UNDIVIDED QUARTER INTEREST IN AND TO ALL MINERALS, OIL,—GAS AND KINDRED SUBSTANCES LYING IN, UPON AND UNDER THE PREMISES DESCRIBED ABOVE, TOGETHER WITH THE RIGHT OF ENTRY THEREON FOR THE PURPOSE OF DEVELOPING, EXTRACTING AND REMOVING SAID SUBSTANCES THEREFROM, AS EXCEPTED IN THE DEED FROM POMONA COLLEGE, RECORDED DECEMBER 5, 1949, IN BOOK 2496, PAGE 82 OF OFFICIAL RECORDS AND AS MODIFIED IN DEED FROM POMONA COLLEGE TO WESTERN CONSUMERS FEED COMPANY, RECORDED JUNE 24, 1968, AS INSTRUMENT NO. 322, IN BOOK 7047, PAGE 994, OF OFFICIAL RECORDS.

ALSO EXCEPTING AN UNDIVIDED QUARTER INTEREST IN AND TO ALL MINERAL, OIL, GAS AND KINDRED SUBSTANCES LYING IN, UPON AND UNDER THE HEREINABOVE DESCRIBED PROPERTY OF A DEPTH OF MORE THAN 500 FEET BELOW THE SURFACE OF THE GROUND, BUT WITHOUT ANY RIGHT WHATSOEVER TO ENTER UPON OR USE IN ANY MANNER SAID SURFACE OF ANY PART OF SAID LAND LYING BETWEEN SAID SURFACE AND ABOVE 500 FEET BELOW SAID SURFACE; EXCEPT THAT THIS LIMITATION ON USE OF THE SURFACE SHALL NOT APPLY TO THE EAST 100 FEET OF THE SOUTHERLY 100 FEET OF SAID LOT 31; AS GRANTED TO POMONA COLLEGE. IN DEED RECORDED JUNE 24, 1968, AS INSTRUMENT NO. 321, IN BOOK 7047, PAGE 993, OF OFFICIAL RECORDS.

#### PARCEL B:

AN UNDIVIDED 3/5 INTEREST IN AND TO A PUMP SITE LOCATED ON THE MORTH 63.00 FEET OF THE EAST 30.00 FEET OF THE WEST 230.00 FEET OF LOT 3 IN SECTION 21, TOWNSHIP 2 SOUTH, RANGE 7 WEST, SAN BERNARDINO BASE AND MERIDIAN, ACCORDING TO A MAP OF SUBDIVISION OF RANCHO SANTA AND DEL CHINO, IN THE COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 6 PAGE 15 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS UPON SAID PROPERTY POR THE PURPOSE OF OPERATING AND MAINTAINING SAID PUMPING PLANT AND IRRIGATION LINES.



Order, Ns. Escrow No. Loan No.

WHEN RECORDED MAIL TO:

Marie Minaberry 8888 Eucalyptus Avenue Ontario, CA 91762

Recorded in Official Records, County of San Bernardino

LARRY WALKER Auditor/Controller - Recorder 4/05/2006 4:15 PM BN

P Counter

2006 - 0234629

Titles: 1	Pages: 2
Fees	9.00
Taxes	0.00
Other	0.00
PAID	\$9.00

DOCUMENTARY TRANSFER TAX: \$ -0- Changing Manner in Which title Is Held - R & T 11911

- .....Computed on the consideration or value of property conveyed; OR
- .....Computed on the consideration or value less liens or encumbrances remaining at time of sale.

SPACE ABOVE THIS LINE FOR RECORDER'S USE

Signature of Declarant or Agent determining tax - Firm Name TODD M. LITMAN, Esq.

APN: 1054-171-03

Re: 8831 Eucalyptus Avenue, Ontario

# QUITCLAIM DEED

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

MARIE MINABERRY AND MICHEL PHILLIP MINABERRY, Trustees of The Minaberry Family Trust dated March 14, 1985

do(es) hereby REMISE, RELEASE AND FOREVER QUITCLAIM to

# MINABERRY FAMILY, LLC

the real property in the City of Ontario, County of San Bernardino, State of California, described as: See Exhibit "A" attached hereto and incorporated herein by reference

Dated 3-28-06	
STATE OF CALIFORNI CANGE	} }ss }
On 328-06 ULISA M. LEIBLEIN, NOTARY PUBLIC	before me

personally appeared: Marie Minaberry and Michel Phillip **Minaberry** 

personally known to me (or 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.

Signature |

MAIL TAX STATEMENTS TO: To same address as set forth above

Marie Minaberry, Trustee

Michel Phillip Minaberry, Trustee

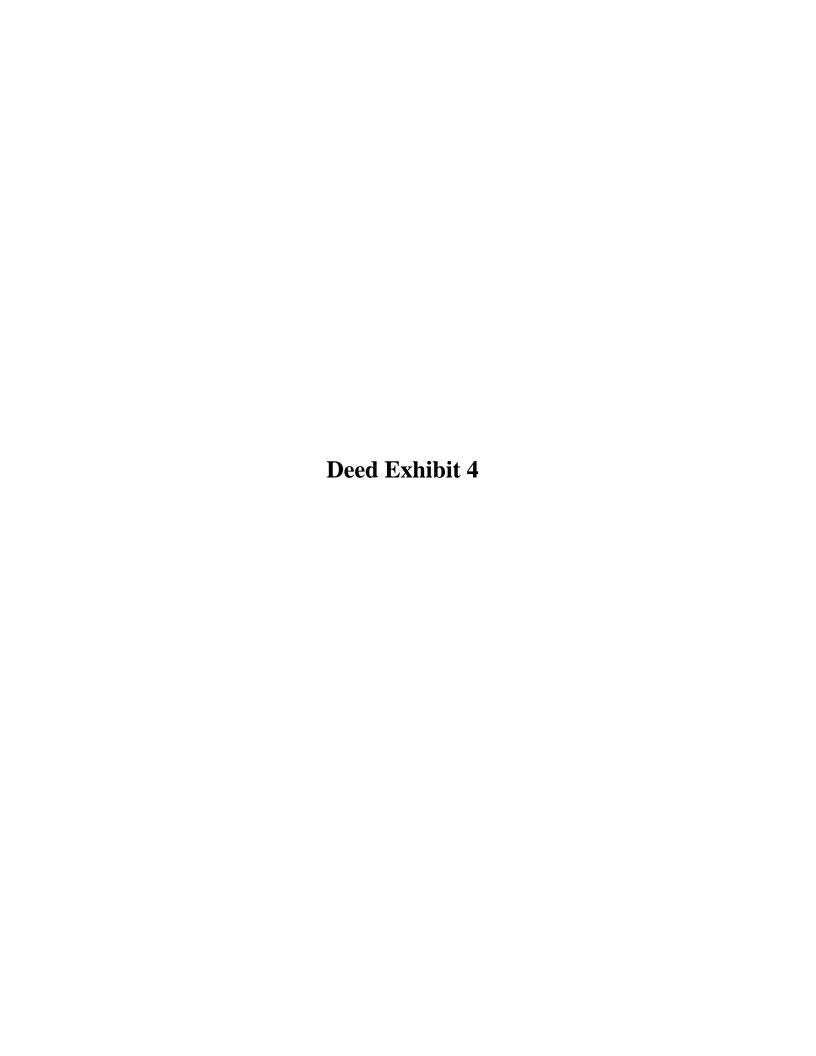
LISA M. LEIBLEIN **ORANGE COUNTY** OMM. EXP. JULY 31, 2004

(This area for official notarial seal)

# Exhibit "A"

THE WESTERLY 185 FEET OF THE NORTHERLY 150 FEET OF LOT 1 IN SECTION 21, TOWNSHIP 2 SOUTH, RANGE 7 WEST, SAN BERNARDINO MERIDIAN, ACCORDING TO MAP OF SUBDIVISION OF RANCHO SANTA DEL CHINO, RANCHO SANTA ANA MERIDIAN, ACCORDING TO MAP OF SUBDIVISION OF RANCHO SANTA DEL CHINO, IN THE CITY OF ONTARIO, COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 6 PAGE 15 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPT AN UNDIVIDED QUARTER INTEREST IN AND TO ALL MINERAL, OIL, GAS AND KINDRED SUBSTANCES LYING IN, UPON AND UNDER THE PREMISES DESCRIBED ABOVE, TOGETHER WITH THE RIGHT OF ENTRY THEREON FOR THE PURPOSE OF DEVELOPING, EXTRACTING AND REMOVING SAID SUBSTANCES THEREFROM. AS EXCEPTED IN THE DEED FROM POMONA COLLEGE, RECORDED DECEMBER 5, 1949, IN BOOK 2496, PAGE 82 OF OFFICIAL RECORDS AND AS MODIFIED IN DEED FROM POMONA COLLEGE TO WESTERN CONSUMERS FEED COMPANY, RECORDED JUNE 24, 1968, AS INSTRUMENT NO. 322, IN BOOK 7047, PAGE 994, OF OFFICIAL RECORDS.



Firdet No. Escrow No. Loan No.

WHEN RECORDED MAIL TO:

Marie Minaberry 8888 Eucalyptus Avenue Ontario, CA 91762 Recorded in Official Records, County of San Bernardino



# LARRY WALKER Auditor/Controller - Recorder

4/05/2006 4:15 PM BN

P Counter

Poc#: 2006 — 0234628

Titles:	1 Pages:	2
Fees	9.00	
Taxes	0.00	
Other	0.00	
PAID	\$9.00	

DOCUMENTARY TRANSFER TAX : \$ -0- Changing Manner in Which title

Is Held - R & T 11911

.....Computed on the consideration or value of property conveyed; OR

.....Computed on the consideration or value less liens or encumbrances remaining at time of sale.

SPACE ABOVE THIS LINE FOR RECORDER'S USE

Signature of Declarant or Agent determining tax - Firm Name TODD M. LITMAN, Esq.

APN: 1054-171-01

Re: 8731 Eucalyptus Avenue, Ontario

# QUITCLAIM DEED

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

MARIE MINABERRY AND MICHEL PHILIP MINABERRY, Trustees of The Minaberry Family Trust dated March 14, 1985

do(es) hereby REMISE, RELEASE AND FOREVER QUITCLAIM to

# MINABERRY FAMILY, LLC

the real property in the City of Ontario, County of San Bernardino, State of California, described as:

See Exhibit "A" attached hereto and incorporated herein by reference

Dated $3 - 28 - 06$	
STATE OF CALIFORNIA	} }ss
COUNTY OF	}
On 328-06 O	before me
LISA M. LEIBLEIN, NOTARY PUBLIC	

personally appeared: Marie Minaberry and Michel Philip Minaberry

personally known to me (or 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.

WITNESS my land and official soul
Signature \_\_\_\_\_\_\_.

MAIL TAX STATEMENTS TO: To same address as set forth above

Marie Minaberry, Trustee

Marie Minaberry, Trustee

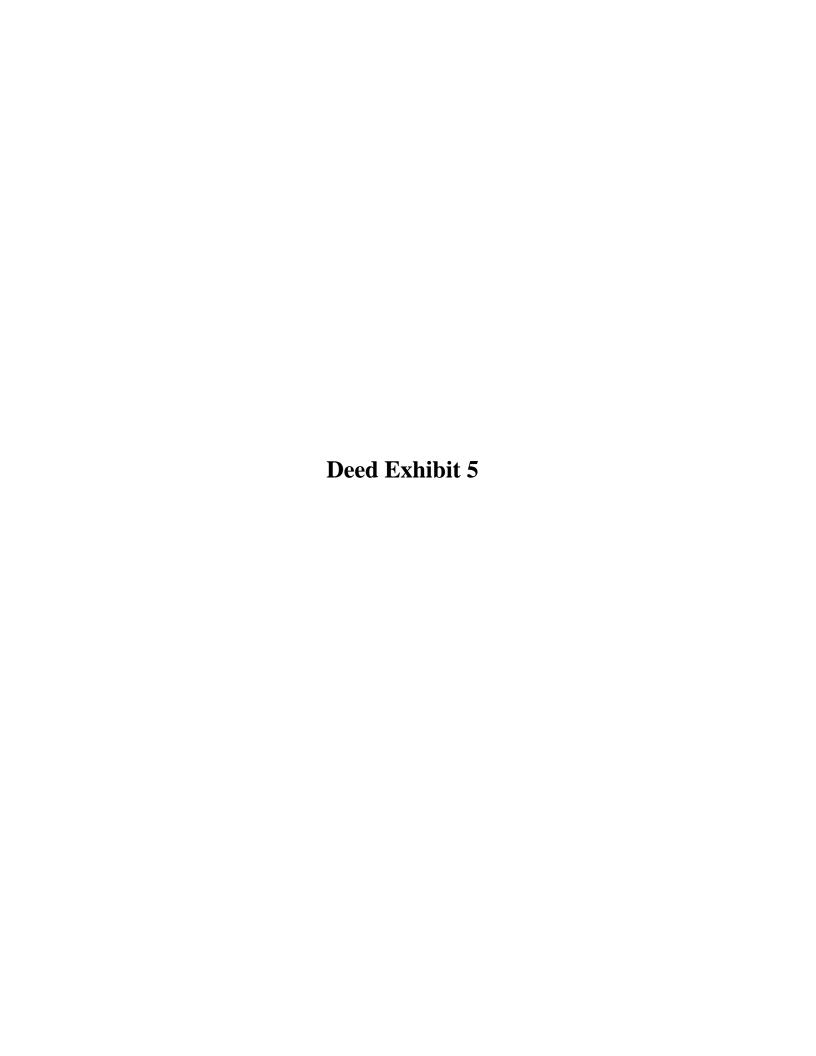
Michel Phillip, Mundery Turote Michel Philip Minaberry, Trustee



(This area for official notarial seal)

Exhibit "A"

THE EASTERLY 165 FEET OF THE WESTERLY 263 FEET OF THE NORTHERLY 150 FEET OF LOT 2 IN SECTION 21, TOWNSHIP 2 SOUTH, RANGE 7 WEST, SAN BERNARINO MERIDIAN, ACCORDING TO MAP OF SUBDIVISION OF RANCHO SANTA ANA DEL CHINO, IN THE CITY OF ONTARIO, COUNTY OF SAN BERNARIDNO, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 6 PAGE 15 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.



**RECORDING REQUESTED BY** 

AND WHEN RECORDED MAIL DOCUMENT AND TAX STATEMENT TO:

name Gitt Diany, a California general partnership address 14057 S. Errore Ave.

CITY, STATE & ZIP CODE UNTUMO, CAT 91762

Electronically Recorded in Official Records, County of San Bernardino

8/09/2013 12:25 PM EM



DENNIS DRAEGER
ASSESSOR - RECORDER - CLERK

691 First American

Doc#:

2013-0352936



Titles: 1	Pages: 4
Fees	24.00
Taxes	.00
Other	.00
PAID	24.00

SPACE ABOVE FOR RECORDER'S USE ONLY

MT: \$\$

Grant Deed

**Title of Document** 

# THISAREAFOR RECORDERS USE ONLY

THIS COVER SHEET ADDED TO PROVIDE ADEQUATE SPACE FOR RECORDING INFORMATION (\$3.00 Additional Recording Fee Applies)

MAIL TAX STATEMENT TO RETURN ADDRESS ABOVE

#### **RECORDING REQUESTED BY**

First American Title Insurance Company National Commercial Services

AND WHEN RECORDED MAIL DOCUMENT TO:

GH Dairy, a California general partnership 14651 S. Grove Avenue Ontario, CA 91762

Si	ace Above	This Line	for Recorder's	Use Only	
~	Juce House		141 1,000010010		

A.P.N.: 1054-151-02 and 1054-201-02 and 1054-161-03 and 1054-351-02-0-000

File No.: NCS-586611-ONT1 (MLB)

### **GRANT DEED**

The undersigned Grantor(s) declare(s) that Documentary Transfer Tax is NONE. "This conveyance confirms title to the grantee who continue to hold the same interest acquired on August 6, 2013, Document No. 2013-0346779 wherein \$2,669.15 Documentary Transfer Tax was paid, R & T 11911".

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, **GH Dairy**, a California general partnership which acquired title as G.H. Dairy, a California general partnership

hereby GRANTS to GH Dairy, a California general partnership

the following described property in the City of Ontario, County of San Bernardino, State of California:

LOTS 3, 14, 19 AND 30, OF SECTION 21, TOWNSHIP 2 SOUTH, RANGE 7 WEST, SAN BERNARDINO MERIDIAN, ACCORDING TO MAP OF SUBDIVISION OF PART OF RANCHO SANTA ANA DEL CHINO, AS PER MAP RECORDED IN BOOK 6, PAGE 15 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPTING THEREFROM A 3/5THS INTEEST IN AND TO A PUMP SITE LOCATED ON THE NORTH 63.00 FEET OF THE EAST 30.00 FEET OF THE WEST 230.00 FEET OF LOT 3 IN SECTION 21, TOWNSHIP 2 SOUTH, RANGE 7 WEST, SAN BERNARDINO MERIDIAN, ACCORDING TO MAP OF SUBDIVISION OF PART OF RANCHO SANTA ANA DEL CHINO, AS PER MAP RECORDED IN BOOK 6, PAGE 15 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, PURSUANT TO GRANT DEED RECORDED AUGUST 2, 1968, IN BOOK 7070, PAGE 513, OFFICIAL RECORDS.

EXCEPTION 25% OF ALL MINERAL, OIL, GAS AND KINDRED SUBSTANCES LYING IN, UPON AND UNDER THE PREMISES DESCRIBED ABOVE, AS CONTAINED IN THE DEED FROM WESTERN CONSUMERS FEED CO., RECORDED SEPTEMBER 1, 1965 IN BOOK 6464, PAGE 563, OFFICIAL RECORDS.

ALSO EXCEPTING AN UNDIVIDED QUARTER INTEREST IN AND TO ALL MINERAL, OIL, GAS AND KINDRED SUBSTANCES LYING IN, UPON AND UNDER THE PREMISES DESCRIBED ABOVE, TOGETHER WITH THE RIGHT OF ENTRY THEREON FOR THE PURPOSE OF DEVELOPING, EXTRACTING AND REMOVING SAID SUBSTANCES THEREFROM, AS CONTAINED IN THE DEED FROM POMONA COLLEGE, RECORDED DECEMBER 5, 1949 IN BOOK 2496, PAGE 82, OFFICIAL RECORDS.

# Grant Deed - continued

Date: **08/07/2013** 

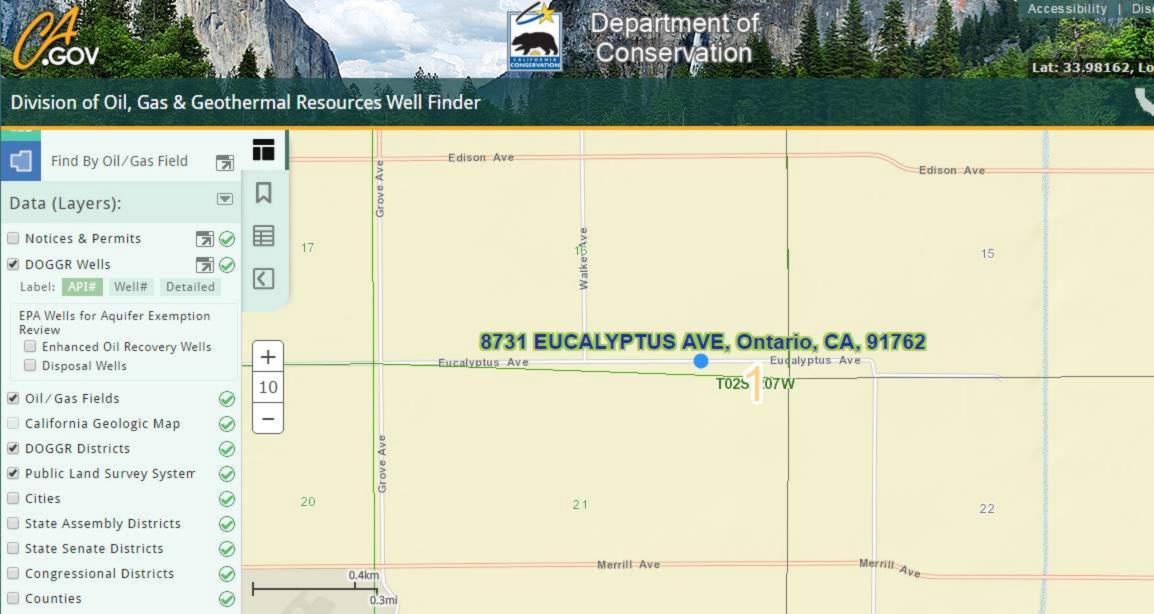
A.P.N.: 1054-151-02 and 1054-201-02 and 1054-161-03 and 1054-351-02-0-000	File No.: NCS-586611-ONT1 (MLB)
Dated: <u>08/07/2013</u>	
	· ·
GH Dairy, a California general partnership	
By: Gerben H. Hettinga, Partner	•
STATE OF <u>California</u> )SS COUNTY OF <u>San Bernardina</u> )	
Public, personally appeared	me, <u>Ilvlorus Rivorus</u> , Notary <u>ettrigas</u> , who proved to me on the basis of satisfactory evidence to
he/she/they executed the same in his/her/their auth	the within instrument and acknowledged to me that orized capacity(ies), and that by his/her/their signature(s) on all of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws true and correct.	of the State of California that the foregoing paragraph is
WITNESS my hand and official seal.	DOLORES RIVERA Commission # 1978279 Notary Public - California
Signature  Dolong Biveru	San Bernerdino County My Comm. Expires Jun 12, 2016
My Commission Expires: <u>June 12</u> , 2016	This area for official notarial seal
Notary Name: <u>DOINTES RIVERA</u> Notary Registration Number: <u>1978279</u>	Notary Phone: 909-947-2371  County of Principal Place of Business: San Bernardino

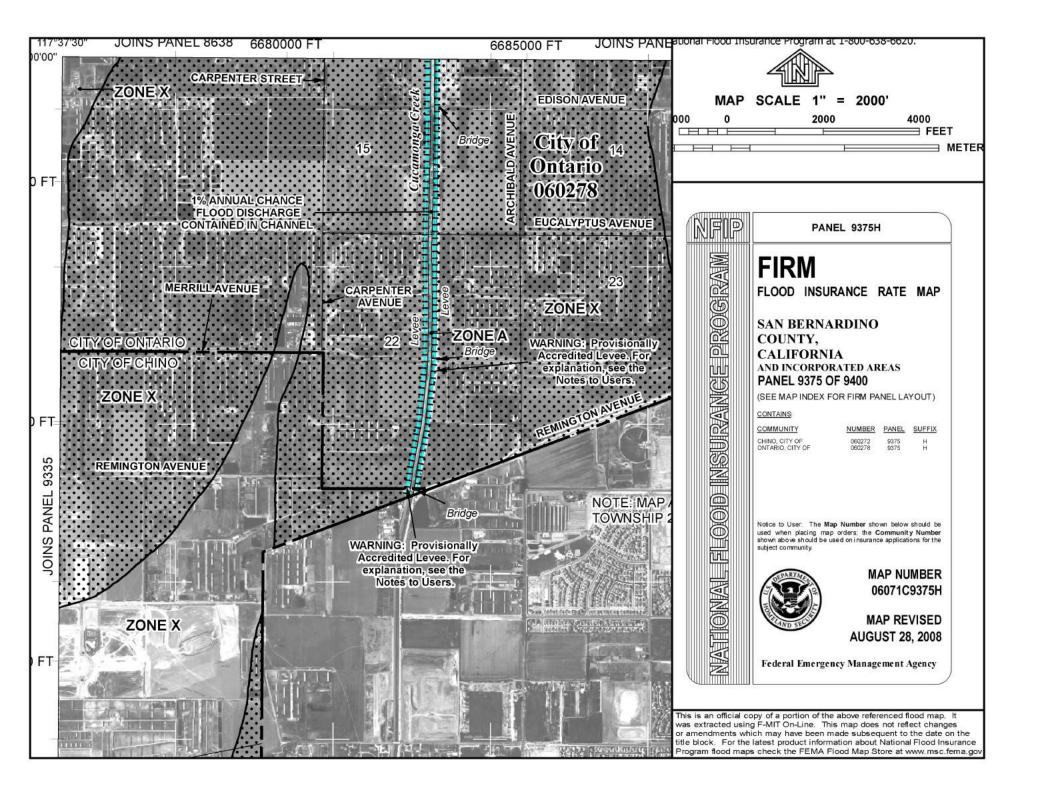
# **NOTARY SEAL**

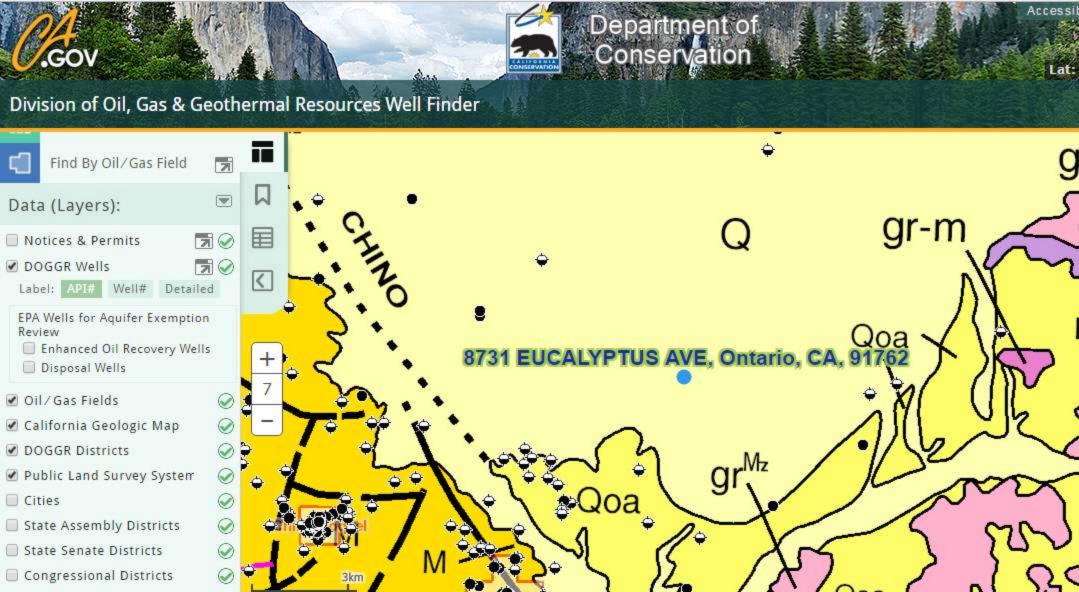
Under the provisions of Government Code 27361.7, I certify under the penalty of perjury that the Notary Seal on the document to which this statement is attached reads as follows:

Name of Notary: Dolores Pivera
Commission #: 1918279
Date Commission Expires: Jine 12,2014
County where Bond is filed Sun Bernardino
PLACE OF EXECUTION: San Bernardino
DATE: 8/9/13
SIGNATURE: V. De La Rosa, DPS Agent











#### Facility/Site Summary Details: Partida Fertilizer (36-AA-0480)

LEA Contact: See the "Local Enforcement Agency (LEA)" information below

CalRecycle Contact: Dianne Ohiosumua (916) 323-0792

Search New Facility

**Detail Inspection Enforcement Maps Documents** 

Identification:	Local Enforcement Agency (LEA)	١:
identification.	Local Elliorcement Agency (LLA)	/-

**Location:** Partida Fertilizer County of San Bernardino

8888 Eucalyptus Ave. Div. of Environmental Health Services

Ontario, CA 91762 385 N Arrowhead Ave

**Latitude:** 33.98995 San Bernardino, CA 92415-0160

**Longitude:** -117.61164 Phone: (800) 442-2283 **GIS Confidence:** Map Fax: (909) 387-4323

US EPA FRS ID: Not Available

#### Operator/Business Owner: Land Owner(s):

 Partida Fertilizer
 Henri Minaberry

 824 Tam O'Shanter St.
 8888 Eucalyptus Ave.

 Ontario, CA 91762
 Ontario, CA 91762

 Phone: (909) 239-7403
 Phone: (909) 239-7403

 Fax: (909) 923-9811
 Fax: (909) 923-9811

#### **Surrounding Land Use:**

Not Available

#### **Permit Details:**

Current - Permit or EA Notification Issue Date: August 1, 2014 Type: Notification

#### **Unit Specifications:**

**Data Dictionary** 

Unit: 01

Activity: Composting Operation (Ag) Inspection Frequency: Quarterly

Classification: Solid Waste Operation Max.Permitted Throughput: 266.00 Cu Yards/day

Category: Composting Permitted Capacity: 96,000 Cu Yards/year

Regulatory Status: Notification Total Acreage: 4.0000 Acres

Operational Status: Active

Operational Type: Not Available

Closure Date:

Closure Type: Not Available

Waste Type: Agricultural, Manure

Top of Page Page: 1 of 1

Last updated: Data updated continuously.
Solid Waste Information System(SWIS), <a href="http://www.CalRecycle.ca.gov/SWFacilities/Directory/">http://www.CalRecycle.ca.gov/SWFacilities/Directory/</a>
Cody Oquendo @CalRecycle.ca.gov (916) 341-6719

<u>Conditions of Use | Privacy Policy | Language Complaint Form</u>
<a href="mailto:object-10"><u>©1995, 2017</u></a> California Department of Resources Recycling and Recovery (CalRecycle). All rights reserved.

☑ Wetlands

☑ Data Source

# National Wetlands Inventory - V2

ABOUT

GET DATA

**PRINT** 

Q FIND LOCATION

surface waters and wetlands

BASEMAPS

MAP LAYERS >

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☑ Riparian ① ②

☑ Riparian Mapping Areas

O Source Type

O Image Scale

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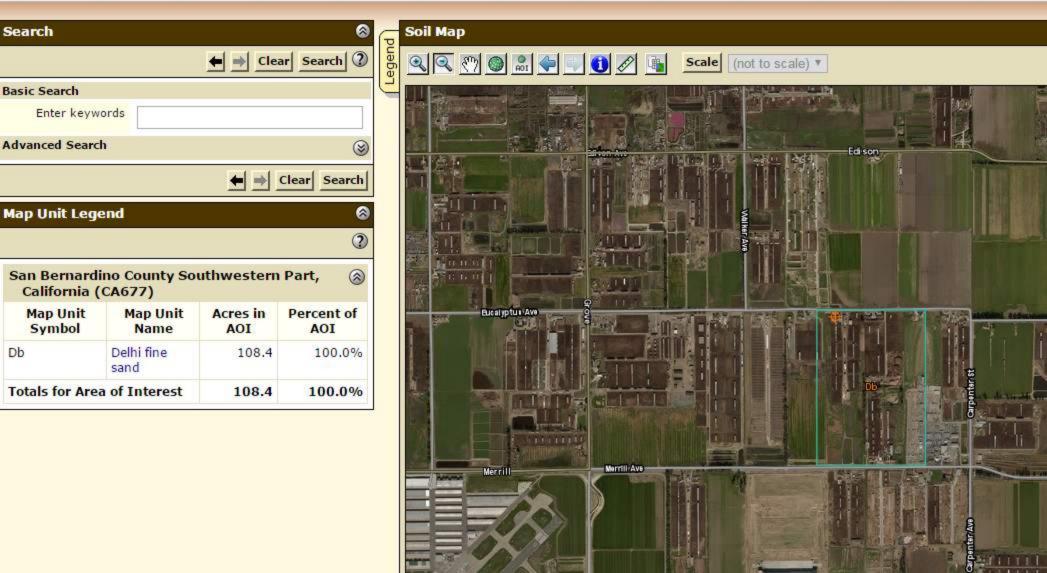
☐ Areas of Interest

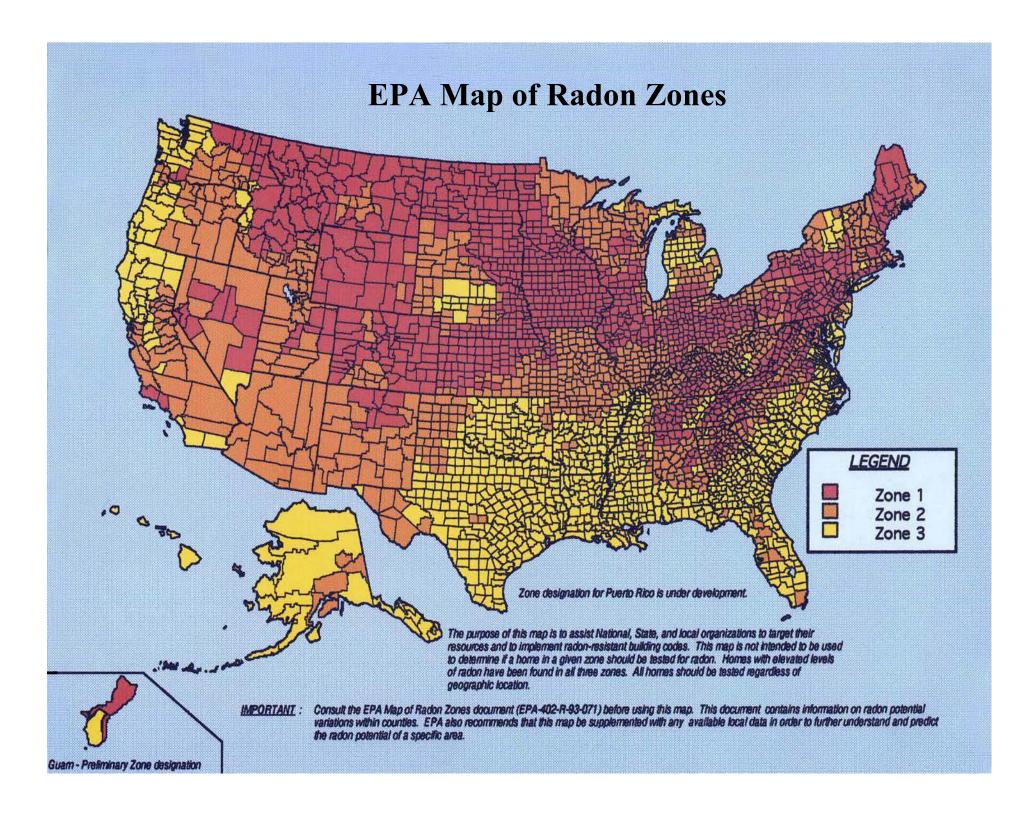
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☐ Historic Wetland Data









#### **IO-SHIELD**

#### **SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : IO-SHIELD

Other means of identification : not applicable

Recommended use Teat dip

Restrictions on use Reserved for industrial and professional use.

Product dilution information Product is sold ready to use.

Company Ecolab Inc.

370 N. Wabasha Street

St. Paul, Minnesota USA 55102

1-800-352-5326

Emergency telephone : 1-800-328-0026 (US/Canada), 1-651-222-5352 (outside US)

Issuing date 08/05/2014

#### **SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification** 

Eye irritation : Category 2B

**GHS Label element** 

Signal Word : Warning

**Hazard Statements** : Causes eye irritation.

**Precautionary Statements** : Prevention:

Wash skin thoroughly after handling. Do not mix with bleach or other

chlorinated products - will cause chlorine gas.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye

irritation persists: Get medical advice/ attention.

Other hazards : None known.

#### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Pure substance/mixture Mixture

**Chemical Name** CAS-No. Concentration (%)

Nonylphenol, ethoxylated iodine complex 11096-42-7 1 - 5 glycerin 56-81-5 1 - 5 dodecylbenzene sulfonic acid 27176-87-0 0.1 - 1

#### **SECTION 4. FIRST AID MEASURES**

In case of eye contact : Rinse with plenty of water.

In case of skin contact : Rinse with plenty of water.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

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#### **IO-SHIELD**

If inhaled : Get medical attention if symptoms occur.

Protection of first-aiders : No special precautions are necessary for first aid responders.

Notes to physician : Treat symptomatically.

See toxicological information (Section 11)

#### **SECTION 5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

Unsuitable extinguishing

media

: None known.

Specific hazards during fire

fighting

: Not flammable or combustible.

Hazardous combustion

products

: Decomposition products may include the following materials:

Carbon oxides

nitrogen oxides (NOx)

Sulfur oxides

Oxides of phosphorus

Special protective equipment

for fire-fighters

: Use personal protective equipment.

Specific extinguishing

methods

: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire

and/or explosion do not breathe fumes.

#### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures : Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up

: Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain

material to ensure runoff does not reach a waterway.

#### **SECTION 7. HANDLING AND STORAGE**

Advice on safe handling : Wash hands thoroughly after handling. Do not mix with bleach or other

chlorinated products - will cause chlorine gas.

Conditions for safe storage : Keep out of reach of children. Store in suitable labeled containers.

Storage temperature : 5 °C to 45 °C

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#### **IO-SHIELD**

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Ingredients	CAS-No.	Form of exposure	Permissible concentration	Basis
glycerin 56-81-5	56-81-5	TWA	10 mg/m3	ACGIH
		TWA	5 mg/m3	OSHA Z1
	(respirable			
		fraction)		

Engineering measures : Good general ventilation should be sufficient to control worker

exposure to airborne contaminants.

#### Personal protective equipment

Eye protection : No special protective equipment required.

Hand protection : No special protective equipment required.

Skin protection : No special protective equipment required.

Respiratory protection : No personal respiratory protective equipment normally required.

Hygiene measures : Handle in accordance with good industrial hygiene and safety

practice.

#### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : liquid

Color : clear, dark brown

Odor : iodine

pH : 4.0 - 4.4, 100 %
Flash point : not applicable
Odor Threshold : no data available
Melting point/freezing point : no data available

Initial boiling point and

boiling range

: > 100 °C

Evaporation rate : no data available
Flammability (solid, gas) : no data available
Upper explosion limit : no data available
Lower explosion limit : no data available
Vapor pressure : no data available
Relative vapor density : no data available
Relative density : 1.031 - 1.041

Water solubility : soluble

Solubility in other solvents : no data available

Partition coefficient: n- : no data available

octanol/water

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#### **IO-SHIELD**

Autoignition temperature : no data available Thermal decomposition : no data available

Viscosity, kinematic : 676.892 mm2/s (40 °C)

: no data available Explosive properties Oxidizing properties : no data available : no data available Molecular weight VOC : no data available

#### **SECTION 10. STABILITY AND REACTIVITY**

Chemical stability : Stable under normal conditions.

Possibility of hazardous

reactions

: Do not mix with bleach or other chlorinated products - will cause

chlorine gas.

Conditions to avoid : None known.

Incompatible materials : Bases

Hazardous decomposition

products

: Decomposition products may include the following materials:

Carbon oxides

nitrogen oxides (NOx)

Sulfur oxides

Oxides of phosphorus

#### **SECTION 11. TOXICOLOGICAL INFORMATION**

Information on likely routes of : Inhalation, Eye contact, Skin contact

exposure

#### **Potential Health Effects**

Eyes : Causes eye irritation.

Skin : Health injuries are not known or expected under normal use.

Ingestion : Health injuries are not known or expected under normal use.

Inhalation : Health injuries are not known or expected under normal use.

Chronic Exposure : Health injuries are not known or expected under normal use.

#### **Experience with human exposure**

Eye contact : Redness, Irritation

Skin contact : No symptoms known or expected.

Ingestion : No symptoms known or expected.

Inhalation : No symptoms known or expected.

**Toxicity** 

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#### **IO-SHIELD**

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg

Acute inhalation toxicity : no data available Acute dermal toxicity : no data available Skin corrosion/irritation : no data available Serious eye damage/eye : Mild eye irritation

irritation

Respiratory or skin

sensitization

: no data available

Carcinogenicity : no data available Reproductive effects : no data available Germ cell mutagenicity : no data available Teratogenicity : no data available STOT-single exposure : no data available STOT-repeated exposure : no data available

Aspiration toxicity

: no data available

Ingredients

Acute dermal toxicity : Nonylphenol, ethoxylated iodine complex

LD50 rabbit: > 2,000 mg/kg

glycerin

LD50 rabbit: 23,000 mg/kg

dodecylbenzene sulfonic acid

LD50 rabbit: 800 mg/kg

#### **SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity** 

**Environmental Effects** : Harmful to aquatic life.

**Product** 

Toxicity to fish : no data available Toxicity to daphnia and other : no data available

aquatic invertebrates

: no data available

Toxicity to algae Ingredients

Toxicity to fish glycerin

96 h LC50 Fish: 855 mg/l

dodecylbenzene sulfonic acid 96 h LC50 Fish: 4.3 mg/l

Persistence and degradability

no data available

**Bioaccumulative potential** 

no data available

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#### **IO-SHIELD**

#### Mobility in soil

no data available

#### Other adverse effects

no data available

#### **SECTION 13. DISPOSAL CONSIDERATIONS**

Disposal methods : The product should not be allowed to enter drains, water courses or

the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste

disposal facility.

Disposal considerations : Dispose of as unused product. Empty containers should be taken to

an approved waste handling site for recycling or disposal. Do not re-

use empty containers.

#### **SECTION 14. TRANSPORT INFORMATION**

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

#### Land transport (DOT)

Not dangerous goods

#### Sea transport (IMDG/IMO)

Not dangerous goods

#### **SECTION 15. REGULATORY INFORMATION**

#### **EPCRA - Emergency Planning and Community Right-to-Know**

#### **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : SARA 302: No chemicals in this material are subject to the reporting

requirements of SARA Title III, Section 302.

SARA 313 : SARA 313: This material does not contain any chemical components

with known CAS numbers that exceed the threshold (De Minimis)

reporting levels established by SARA Title III, Section 313.

#### California Prop 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

#### The ingredients of this product are reported in the following inventories:

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#### **IO-SHIELD**

#### 1907/2006 (EU):

not determined

#### Switzerland. New notified substances and declared preparations :

The mixture contains substances listed on the Swiss Inventory not determined

#### **United States TSCA Inventory:**

On TSCA Inventory

#### Canadian Domestic Substances List (DSL):

All components of this product are on the Canadian DSL.

#### Australia Inventory of Chemical Substances (AICS):

not determined

#### New Zealand. Inventory of Chemical Substances:

not determined

#### Japan. ENCS - Existing and New Chemical Substances Inventory :

not determined

#### Japan. ISHL - Inventory of Chemical Substances (METI) :

not determined

#### Korea. Korean Existing Chemicals Inventory (KECI):

not determined

#### Philippines Inventory of Chemicals and Chemical Substances (PICCS):

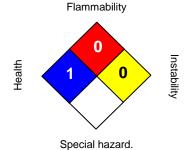
not determined

#### China. Inventory of Existing Chemical Substances in China (IECSC):

not determined

#### **SECTION 16. OTHER INFORMATION**

#### NFPA:



#### HMIS III:



0 = not significant, 1 = Slight,

2 = Moderate, 3 = High

4 = Extreme, \* = Chronic

Issuing date : 08/05/2014

Version : 1.0

Prepared by : Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

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#### **IO-SHIELD**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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HD PL-10 PLUS

#### Section 1. Chemical product and company identification

**Product name** : HD PL-10 PLUS Recommended use and

restrictions

: Cleaning product

Use only for the purpose on the product label.

Product dilution information : Up to 1 oz/10 gal or 1 ml/L in water

Supplier's information : Ecolab Inc. Food & Beverage Division

> 370 N. Wabasha Street St. Paul. MN 55102 1-800-392-3392

Code : 916098-03 Date of issue : 22 May 2013

EMERGENCY HEALTH INFORMATION: 1-800-328-0026

Outside United States and Canada CALL 1-651-222-5352 (in USA)

#### Section 2. Hazards identification

**Product AS SOLD** 

**GHS Classification** : CORROSIVE TO METALS - Category 1

> SKIN CORROSION/IRRITATION - Category 1 SERIOUS EYE DAMAGE/ EYE IRRITATION -

Category 1

**GHS label elements** 

**Hazard statements** 

Signal word : Danger

**Symbol** 

: May be corrosive to metals.

Causes severe skin burns and eye damage.

**Precautionary statements** 

Prevention : Wear protective gloves. Wear eye or face

protection. Wear protective clothing. Do not mix with bleach or other chlorinated products - will cause chlorine gas. Wash hands thoroughly

after handling.

: Absorb spillage to prevent material damage. IF Response

INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Immediately call a POISON CENTER or physician. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with **Product AT USE DILUTION** 

Not classified.

No signal word.

No known significant effects or critical

hazards.

Wash thoroughly after handling.

Get medical attention if symptoms appear.

Page: 1/8

HD PL-10 PLUS 22 May 2013

#### Section 2. Hazards identification

water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER

or physician.

Storage : Store in corrosive resistant container with a

resistant inner liner.

**Disposal** : See section 13 for waste disposal information.

Other hazards : None known.

No other specific measures identified.

See section 13 for waste disposal

information.

None known.

#### Section 3. Composition/information on ingredients

Substance/mixture

: Mixture

**Product AS SOLD** 

Hazardous ingredientsConcentration Range (%)CAS numbernitric acid137697-37-2PHOSPHORIC ACID117664-38-2SULFURIC ACID57664-93-9

#### **Product AT USE DILUTION**

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

#### Section 4. First aid measures

Pro	ndu	ct	ΔS	SO	LD

**Eye contact** : Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

Continue rinsing. Get medical attention

immediately.

**Skin contact**: Take off immediately all contaminated clothing.

Rinse skin with water or shower. Get medical attention immediately. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Inhalation** : Remove victim to fresh air and keep at rest in a

position comfortable for breathing. Get medical

attention immediately.

**Ingestion**: Get medical attention immediately. Rinse mouth.

Do not induce vomiting.

#### **Product AT USE DILUTION**

No known effect after eye contact. Rinse with

water for a few minutes.

No known effect after skin contact. Rinse

with water for a few minutes.

No special measures required. Treat

symptomatically.

Get medical attention if symptoms occur.

Protection of first-

aiders

: No action shall be taken involving any personal risk or without suitable training. It may be

dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated

clothing thoroughly with water before removing it, or wear gloves.

Notes to physician : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The

exposed person may need to be kept under medical surveillance for 48 hours.

See toxicological information (section 11)

# Section 5. Fire-fighting measures

**Product AS SOLD** 

Suitable fire extinguishing

media

: Use water spray, fog or foam.

Specific hazards arising from the chemical **Hazardous thermal** decomposition products : In a fire or if heated, a pressure increase will occur and the container may burst.

: Decomposition products may include the following materials: nitrogen oxides sulfur oxides

phosphorus oxides

Specific fire-fighting methods

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without

suitable training.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

# Section 6. Accidental release measures

#### **Product AS SOLD**

Personal precautions : Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see section 8). Do not touch or walk through spilled material.

**Environmental** precautions

: Avoid contact of spilled material and runoff with soil and surface waterways.

Methods for cleaning up

: Follow company's spill procedures. Keep people away from spill. Put on appropriate personal protective equipment (see section 8). Absorb/ neutralize liquid material. Use a tool to scoop up solid or absorbed material and put into appropriate labeled container. Use a tool to scoop up solid or absorbed material and place into appropriate labeled waste container. Use a water rinse for final clean-up.

#### Product AT USE DILUTION

Use personal protective equipment as required.

Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

Use a water rinse for final clean-up.

# Section 7. Handling and storage

#### **Product AS SOLD**

Handling

: Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Use only with adequate ventilation. Do not mix with bleach or other chlorinated products - will cause chlorine gas. Wash thoroughly after handling.

**Storage** 

: Keep out of reach of children. Keep container

tightly closed.

Store between the following temperatures: -30 and 50°C

**Product AT USE DILUTION** 

Wash thoroughly after handling.

Keep out of reach of children.

# Section 8. Exposure controls/personal protection

## **Control parameters**

Ingredient name	Exposure limits
nitric acid	ACGIH TLV (United States, 3/2012).  STEL: 10 mg/m³ 15 minutes.  STEL: 4 ppm 15 minutes.  TWA: 5.2 mg/m³ 8 hours.  TWA: 2 ppm 8 hours.  OSHA PEL (United States, 6/2010).  TWA: 5 mg/m³ 8 hours.  TWA: 2 ppm 8 hours.  NIOSH REL (United States, 6/2009).  TWA: 2 ppm 10 hours.  TWA: 5 mg/m³ 10 hours.  STEL: 4 ppm 15 minutes.  STEL: 10 mg/m³ 15 minutes.
PHOSPHORIC ACID  SULFURIC ACID	ACGIH TLV (United States, 3/2012).  STEL: 3 mg/m³ 15 minutes.  TWA: 1 mg/m³ 8 hours.  OSHA PEL (United States, 6/2010).  TWA: 1 mg/m³ 8 hours.  NIOSH REL (United States, 6/2009).  TWA: 1 mg/m³ 10 hours.  STEL: 3 mg/m³ 15 minutes.  ACGIH TLV (United States, 3/2012).  TWA: 0.2 mg/m³ 8 hours. Form: Thoracic fraction  OSHA PEL (United States, 6/2010).  TWA: 1 mg/m³ 8 hours.
	NIOSH REL (United States, 6/2009). TWA: 1 mg/m³ 10 hours.

#### **Product AS SOLD**

## **Appropriate** engineering controls

: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

#### Personal protection

## Eye protection

: Use chemical splash goggles. For continued or severe exposure wear a face shield over the

Hand protection

: Use chemical-resistant, impervious gloves.

Skin protection

Respiratory

protection

: Use synthetic apron, other protective equipment as necessary to prevent skin contact.

: A respirator is not needed under normal and intended conditions of product use.

Hygiene measures

#### **Product AT USE DILUTION**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

No protective equipment is needed under normal use conditions.

No protective equipment is needed under normal use conditions.

No protective equipment is needed under normal use conditions.

A respirator is not needed under normal and intended conditions of product use.

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing

before reusing.

# Section 9. Physical and chemical properties

**Product AS SOLD** 

Physical state : Liquid.

Color : Red

Odor : Pungent
pH : 1 (100%)

Flash point : > 100°C

Product does not support combustion.

**Explosion limits**: Not available. **Flammability (solid,**: Not available.

gas)

Melting point : Not available.

Boiling point : >100°C (>212°F)

Evaporation rate (butyl acetate = 1)

Vapor pressure : Not available.
Vapor density : Not available.

**Relative density** : 1.171 to 1.181 (Water = 1)

**Solubility** : Easily soluble in the following materials: cold

water and hot water.

Partition coefficient: : Not available.

n-octanol/water

Auto-ignition : N

: Not available.

temperature

Decomposition temperature

: Not available.

Odor threshold : Not available.

Viscosity : Not available.

# Section 10. Stability and reactivity

**Product AS SOLD** 

**Stability**: The product is stable.

Possibility of hazardous

reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

**Materials to avoid** : Extremely reactive or incompatible with alkalis.

Reactive with organic materials, metals.

Do not mix with bleach or other chlorinated products - will cause chlorine gas.

**Hazardous decomposition** : Und

products

: Under normal conditions of storage and use, hazardous decomposition products

should not be produced.

# **Section 11. Toxicological information**

Route of exposure : Skin contact, Eye contact, Inhalation, Ingestion

Liquid.

**Product AT USE DILUTION** 

Colorless Odorless 2.5 to 4.3

> 100°C

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# **Section 11. Toxicological information**

**Product AS SOLD** 

**Symptoms** 

**Eye contact**: Adverse symptoms may include the following:

pain watering redness

**Skin contact**: Adverse symptoms may include the following:

pain or irritation

redness

blistering may occur

**Inhalation**: Adverse symptoms may include the following:

coughing

Respiratory tract irritation

**Ingestion**: Adverse symptoms may include the following:

stomach pains

Acute toxicity

**Eye contact** : Causes serious eye damage.

**Skin contact**: Causes severe burns.

**Inhalation**: May cause respiratory irritation.

**Ingestion** : May cause burns to mouth, throat and stomach.

**Product AT USE DILUTION** 

No specific data.

No specific data.

No specific data.

No specific data.

No known significant effects or critical

hazards.

No known significant effects or critical

hazards.

No known significant effects or critical

hazards.

No known significant effects or critical

hazards.

## **Toxicity data**

Product/ingredient name

phosphoric acid LC50 Inhalation Rat 0.962 mg/l

Dusts and mists

LD50 Dermal Rat >2000 mg/kg LD50 Oral Rat >2000 mg/kg

**Chronic toxicity** 

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

No known significant effects or critical hazards.

# Section 12. Ecological information

#### **Product AS SOLD**

**Ecotoxicity** : This material is harmful to aquatic life.

Aquatic and terrestrial toxicity

Product/ingredient name Result Species **Exposure** nitric acid Acute LC50 72 mg/l Fish 96 hours phosphoric acid Acute LC50 75.1 mg/l Fish 96 hours Acute LC50 22 mg/l Fish 96 hours sulphuric acid

Other adverse effects : No known significant effects or critical hazards.

# Section 13. Disposal considerations

**Product AS SOLD** 

**Disposal methods**: Avoid disposal. Attempt to use product

completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

regional, national and local laws and to

RCRA classification : Unused product is D002 (Corrosive)

#### Product AT USE DILUTION

Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

# **Section 14. Transport information**

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

**DOT** 

DOT Classification UN3264

**DOT Proper shipping name**Corrosive liquid, acidic, inorganic, n.o.s. (phosphoric acid, nitric acid)

Class 8
Packing group II

**IMO/IMDG** 

IMO/IMDG Classification UN3264

IMO/IMDG Proper shipping name CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (nitric acid, phosphoric

acid)

Class 8
Packing group II

For transport in bulk, see shipping documents for specific transportation information.

#### Product AT USE DILUTION

Not intended for transport.

# Section 15. Regulatory information

**Product AS SOLD** 

**U.S. Federal regulations** 

TSCA 8(b) inventory : All components are listed or exempted. SARA 302/304/311/312 extremely hazardous substances: nitric acid SARA 302/304 emergency planning and notification: nitric acid

SARA 313 Product name CAS number Concentration

Form R - Reporting

requirements

: nitric acid

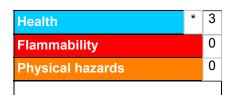
7697-37-2 13.026

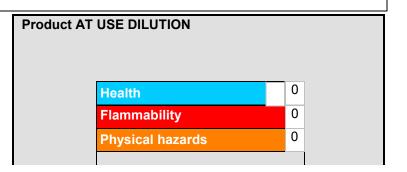
California Prop. 65 : No products were found.

# **Section 16. Other information**

Product AS SOLD

Hazardous Material Information System (U.S.A.)





# **Section 16. Other information**

National Fire Protection Association (U.S.A.)

Health 3 0 Instability/Reactivity

Special

Health 0 0 Instability/Reactivity
Special

Date of issue : 22 May 2013
Prepared by : Regulatory Affairs
1-800-352-5326

## Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

# **APPENDIX C: REGULATORY DATABASE REPORT**



Minaberry Land 73.86 acres 8731 Eucalyptus Avenue Chino, CA 91710

Inquiry Number: 4862189.2s

February 23, 2017

# The EDR Radius Map™ Report



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

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GEOCHECK ADDENDUM	•

GeoCheck - Not Requested

**Thank you for your business.**Please contact EDR at 1-800-352-0050 with any questions or comments.

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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) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

#### TARGET PROPERTY INFORMATION

#### **ADDRESS**

8731 EUCALYPTUS AVENUE CHINO, CA 91710

#### **COORDINATES**

Latitude (North): 33.9872060 - 33° 59' 13.94" Longitude (West): 117.6139180 - 117° 36' 50.10"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 443295.8 UTM Y (Meters): 3760712.8

Elevation: 674 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5640930 CORONA NORTH, CA

Version Date: 2012

Northeast Map: 5620426 GUASTI, CA

Version Date: 2012

Southwest Map: 5640938 PRADO DAM, CA

Version Date: 2012

Northwest Map: 5619074 ONTARIO, CA

Version Date: 2012

## **AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from: 20140603 Source: USDA

## MAPPED SITES SUMMARY

Target Property Address: 8731 EUCALYPTUS AVENUE CHINO, CA 91710

Click on Map ID to see full detail.

MAP		4DDDE00	DATABACE ACRONIVAGO	RELATIVE	DIST (ft. & mi.)
ID A1	SITE NAME AG-BOUMA DAIRY	ADDRESS 8731 EUCALYPTUS AVE	DATABASE ACRONYMS  UST	ELEVATION	DIRECTION TP
A2	MINABERRY DAIRY #1	8731 EUCALYPUS AVENU	ENF		TP
A3	BOUMA DAIRY	8731 EUCALYPTUS	HIST UST		TP
A4	BOUMA DAIRY	8731 EUCALYPTUS	SWEEPS UST, CA FID UST		TP
A5	MINABERRY DAIRY	8731 EUCALYPTUS	San Bern. Co. Permit		TP
6	MINABERRY DAIRY, #1	8888 EUCALYPTUS AVE	SWF/LF, EMI	Higher	1 ft.
7	B & B DAIRY	8521 EUCALYPTUS AVE	San Bern. Co. Permit	Higher	1 ft.
8	G H DAIRY #3	8643 EUCALYPTUS AVE	ENF, San Bern. Co. Permit	Higher	9, 0.002, NNW
9	HERITAGE DAIRY #2	8649 MERRILL AVE	San Bern. Co. Permit	Lower	115, 0.022, SSW
B10	JACK D STIEFEL DAIRY	8571 MERRILL AVE	HIST UST	Lower	120, 0.023, SSW
B11	JACK & MACK STIEFEL	8571 MERRILL AVE	SWEEPS UST, CA FID UST	Lower	120, 0.023, SSW
B12	JACK D STIEFEL	8571 MERRILL AVE	HIST UST, ENF, San Bern. Co. Permit	Lower	120, 0.023, SSW
C13	AG-TEUNE'S DAIRY	8749 MERRILL AVE	UST	Lower	126, 0.024, South
C14	TEUNES DAIRY	8749 MERRILL	HIST UST	Lower	126, 0.024, South
C15	STRUIKMANS AND SONS	8749 MERRILL AVE	ENF, San Bern. Co. Permit	Lower	126, 0.024, South
C16	TEUNE'S DAIRY	8749 MERRILL	SWEEPS UST, CA FID UST	Lower	126, 0.024, South
17	MAJESTIC FARMS #2	8911 EUCALYPTUS	EMI, ENF, San Bern. Co. Permit	Higher	343, 0.065, East
18	G H DAIRY #1	8451 EUCALYPTUS	San Bern. Co. Permit	Higher	465, 0.088, WNW
D19	GARDNER TRUCKING, IN	9032 MERRILL AVE	AST, HAULERS, HAZNET, San Bern. Co. Permit	Lower	626, 0.119, ESE
D20	R J LANTING HAY DEAL	9032 MERRILL AVE	RCRA-SQG, FINDS, ECHO	Lower	626, 0.119, ESE
21	ALEWYN DAIRY #2	9031 EUCALYPTUS	ENF, San Bern. Co. Permit	Higher	932, 0.177, ENE
22	MAJESTIC FARMS #1	14333 WALKER	ENF, San Bern. Co. Permit	Higher	1029, 0.195, NW
23	J & D STAR DAIRY #1	8315 MERRILL AVE	EMI, San Bern. Co. Permit, WDS	Lower	1043, 0.198, WSW
24	HALF & HALF DAIRY	14651 GROVE AVE	ENF, San Bern. Co. Permit	Lower	1157, 0.219, WNW
25	TILLEMA & VANDER MEU	14761 CARPENTER	ENF, San Bern. Co. Permit, WDS	Lower	1173, 0.222, SE

## TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
AG-BOUMA DAIRY 8731 EUCALYPTUS AVE CHINO, CA 91762	UST Database: UST, Date of Government Version: 09/12/2016 Facility Id: 87014276	N/A
MINABERRY DAIRY #1 8731 EUCALYPUS AVENU CHINO, CA 91710	ENF Status: Historical Status: Historical Facility Id: 240851	N/A
BOUMA DAIRY 8731 EUCALYPTUS CHINO, CA 91710	HIST UST Facility Id: 00000028129	N/A
BOUMA DAIRY 8731 EUCALYPTUS CHINO, CA 91710	SWEEPS UST Comp Number: 28129 CA FID UST Facility Id: 36008209 Status: I	N/A
MINABERRY DAIRY 8731 EUCALYPTUS ONTARIO, CA 91762	San Bern. Co. Permit Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0010990 Facility Id: FA0000364	N/A

# **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 CERCLIS NFRAP site list SEMS-ARCHIVE...... Superfund Enterprise Management System Archive 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-CESQG...... RCRA - Conditionally Exempt Small Quantity Generator Federal institutional controls / engineering controls registries \_\_\_\_\_Land Use Control Information System US ENG CONTROLS..... Engineering Controls Sites List US INST CONTROL..... Sites with Institutional Controls Federal ERNS list ERNS..... Emergency Response Notification System State- and tribal - equivalent NPL RESPONSE...... State Response Sites State- and tribal - equivalent CERCLIS ENVIROSTOR..... EnviroStor Database State and tribal leaking storage tank lists

...... Geotracker's Leaking Underground Fuel Tank Report

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

SLIC..... Statewide SLIC Cases

FEMA UST..... Underground Storage Tank Listing

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land

#### State and tribal voluntary cleanup sites

..... 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 DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

#### Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

HIST Cal-Sites Database

SCH...... School Property Evaluation Program

CDL..... Clandestine Drug Labs Toxic Pits...... Toxic Pits Cleanup Act Sites

US CDL\_\_\_\_\_ National Clandestine Laboratory Register

#### 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 data from FirstSearch

## Other Ascertainable Records

RCRA NonGen / NLR RCRA - Non Generators / No Longer Regulated

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

TSCA...... Toxic Substances Control Act
TRIS...... Toxic Chemical Release Inventory System

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)

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

FINDS\_\_\_\_\_\_Facility Index System/Facility Registry System DOCKET HWC\_\_\_\_\_\_Hazardous Waste Compliance Docket Listing

UXO...... Unexploded Ordnance Sites CA BOND EXP. PLAN...... Bond Expenditure Plan

EMI..... Emissions Inventory Data

Financial Assurance Information Listing

HAZNET..... Facility and Manifest Data

ICE.....ICE

HIST CORTESE...... Hazardous Waste & Substance Site List HWP...... EnviroStor Permitted Facilities Listing

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

Notify 65..... Proposition 65 Records

UIC\_\_\_\_\_UIC Listing

WASTEWATER PITS..... Oil Wastewater Pits Listing WDS..... Waste Discharge System

WIP...... Well Investigation Program Case List FUELS PROGRAM..... EPA Fuels Program Registered Listing

ABANDONED MINES..... Abandoned Mines

ECHO..... Enforcement & Compliance History Information

#### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP	<b>EDR Proprietary Manufactured Gas Plants</b>
EDR Hist Auto	EDR Exclusive Historic Gas Stations
EDR Hist Cleaner	EDR Exclusive Historic Dry 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.

#### STANDARD ENVIRONMENTAL RECORDS

#### 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 12/12/2016 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
R J LANTING HAY DEAL	9032 MERRILL AVE	ESE 0 - 1/8 (0.119 mi.)	D20	39

#### State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	<b>Direction / Distance</b>	Map ID	Page
MINABERRY DAIRY, #1	8888 EUCALYPTUS AVE	0 - 1/8 (0.000 mi.)	6	14
Database: SWF/LF (SWIS),	Date of Government Version: 11/14/2016			

Facility ID: 36-AA-0480 Operational Status: Active Regulation Status: Notification

#### State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AG-TEUNE'S DAIRY	8749 MERRILL AVE	S 0 - 1/8 (0.024 mi.)	C13	25
Database: UST, Date of Governm	ent Version: 09/12/2016			
Facility Id: 86008360				

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, and dated 07/06/2016 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GARDNER TRUCKING, IN	9032 MERRILL AVE	ESE 0 - 1/8 (0.119 mi.)	D19	35

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Lists of Registered Storage Tanks

SWEEPS UST: 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.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are

2 SWEEPS UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	<b>Direction / Distance</b>	Map ID	Page
JACK & MACK STIEFEL Status: A Tank Status: A Comp Number: 42511	8571 MERRILL AVE	SSW 0 - 1/8 (0.023 mi.)	B11	22
TEUNE'S DAIRY Status: A Tank Status: A Comp Number: 15088	8749 MERRILL	S 0 - 1/8 (0.024 mi.)	C16	31

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 HIST UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	<b>Direction / Distance</b>	Map ID	Page
JACK D STIEFEL DAIRY Facility Id: 00000065653	8571 MERRILL AVE	SSW 0 - 1/8 (0.023 mi.)	B10	21
JACK D STIEFEL Facility Id: 00000042511	8571 MERRILL AVE	SSW 0 - 1/8 (0.023 mi.)	B12	23
TEUNES DAIRY Facility Id: 00000015088	8749 MERRILL	S 0 - 1/8 (0.024 mi.)	C14	25

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	<b>Direction / Distance</b>	Map ID	Page
JACK & MACK STIEFEL Facility Id: 36008987 Status: A	8571 MERRILL AVE	SSW 0 - 1/8 (0.023 mi.)	B11	22
TEUNE'S DAIRY Facility Id: 36008701 Status: A	8749 MERRILL	S 0 - 1/8 (0.024 mi.)	C16	31

#### Other Ascertainable Records

San Bern. Co. Permit: San Bernardino County Fire Department Hazardous Materials Division.

A review of the San Bern. Co. Permit list, as provided by EDR, and dated 09/06/2016 has revealed that there are 13 San Bern. Co. Permit sites within approximately 0.25 miles of the target property.

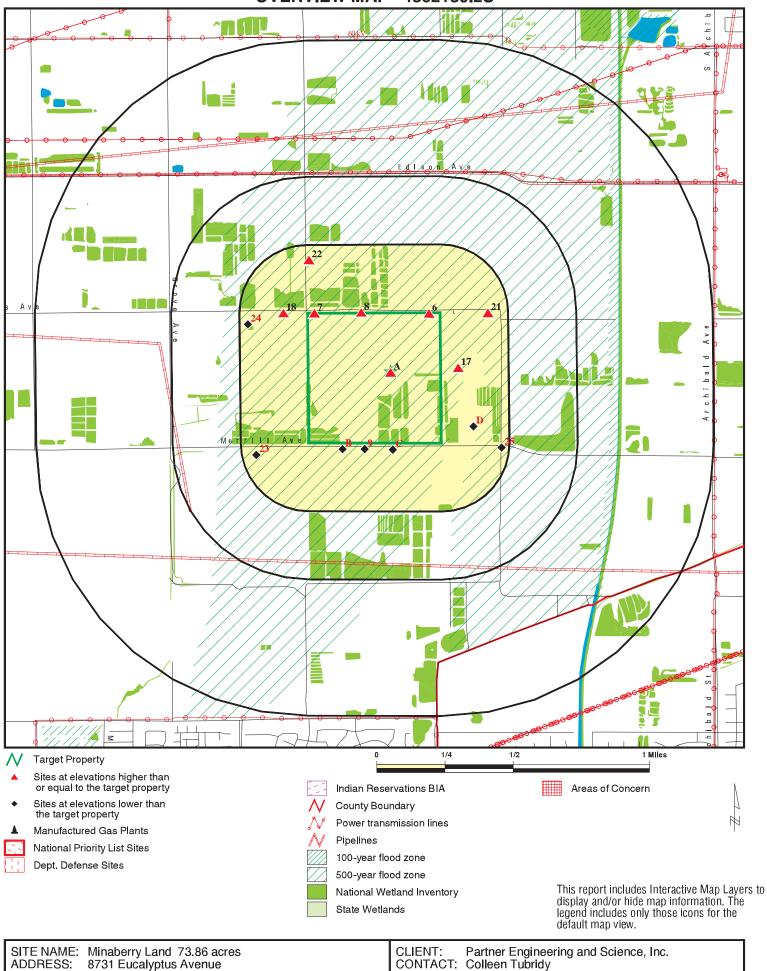
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
B & B DAIRY	8521 EUCALYPTUS AVE	0 - 1/8 (0.000 mi.)	7	17

Facility Status: INACTIVE Facility Id: FA0012185 Facility Id: FA0000475  MAJESTIC FARMS #2 Facility Id: FA0011156 G H DAIRY #1 Facility Id: FA0011156 G H DAIRY #1 Facility Id: FA0011764  ALEWYN DAIRY #2 Facility Status: INACTIVE Facility Id: FA0010464  ALEWYN DAIRY #2 Facility Id: FA0010966 Facility Id: FA0010966 Facility Id: FA0010961 Facility Id: FA001051  Lower Elevation Address Direction / Distance Map ID  HERITAGE DAIRY #2 Facility Status: INACTIVE Facility Id: FA0000333 JACK D STIEFEL Facility Id: FA0000498  STRUIKMANS AND SONS Facility Id: FA0000664 GARDNER TRUCKING, IN Facility Id: FA0000664  GARDNER TRUCKING, IN Facility Status: INACTIVE Facility Id: FA0000664  GARDNER TRUCKING, IN Facility Status: INACTIVE Facility Id: FA0000664  GARDNER TRUCKING, IN Facility Status: INACTIVE Facility Id: FA0000664  GARDNER TRUCKING, IN Facility Status: INACTIVE Facility Id: FA0000664  GARDNER TRUCKING, IN Facility Status: INACTIVE Facility Id: FA0000664  GARDNER TRUCKING, IN Facility Status: INACTIVE Facility Id: FA0000664  GARDNER TRUCKING, IN Facility Status: INACTIVE Facility Id: FA0000529  J & D STAR DAIRY #1 Facility Status: INACTIVE Facility Id: FA0000529  J & D STAR DAIRY #1 Facility Status: INACTIVE Facility Id: FA0000529  J & D STAR DAIRY #1 Facility Status: INACTIVE Facility Id: FA0000529  J & D STAR DAIRY #1 Facility Status: INACTIVE Facility Id: FA0000529  J & D STAR DAIRY #1 Facility Id: FA0000481	Facility Id: FA0000345  G H DAIRY #3  Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0012185 Facility Id: FA0000475	17
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Facility Status: INACTIVE Facility Id: FA0000498  STRUIKMANS AND SONS Facility Status: INACTIVE Facility Id: FA0010823 Facility Id: FA0000664  GARDNER TRUCKING, IN Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0005529  J & D STAR DAIRY #1 Facility Status: INACTIVE Facility Id: FA0000481  HALF & HALF DAIRY Facility Status: INACTIVE Facility Id: FA0000476  TILLEMA & VANDER MEU Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0000476  TILLEMA & VANDER MEU Facility Status: INACTIVE Facility Status: INACTIVE Facility Status: INACTIVE Facility Id: FA0000476	Facility Status: INACTIVE	21
Facility Status: INACTIVE Facility Id: FA0010823 Facility Id: FA0000664  GARDNER TRUCKING, IN Facility Status: ACTIVE Facility Status: INACTIVE Facility Status: INACTIVE Facility Id: FA0005529  J & D STAR DAIRY #1 Facility Status: INACTIVE Facility Id: FA0000481  HALF & HALF DAIRY Facility Status: INACTIVE Facility Status: INACTIVE Facility Id: FA0000476  TILLEMA & VANDER MEU Facility Status: ACTIVE Facility Status: ACTIVE Facility Status: INACTIVE Facility Status: ACTIVE Facility Status: ACTIVE Facility Status: INACTIVE Facility Status: INACTIVE	Facility Status: INACTIVE	23
Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0005529  J & D STAR DAIRY #1 8315 MERRILL AVE WSW 1/8 - 1/4 (0.198 mi.) 23 Facility Status: INACTIVE Facility Id: FA0000481  HALF & HALF DAIRY 14651 GROVE AVE WNW 1/8 - 1/4 (0.219 mi.) 24 Facility Status: INACTIVE Facility Id: FA0000476  TILLEMA & VANDER MEU Facility Status: ACTIVE Facility Status: INACTIVE Facility Status: INACTIVE	Facility Status: INACTIVE Facility Id: FA0010823	26
Facility Status: INACTIVE Facility Id: FA0000481  HALF & HALF DAIRY Facility Status: INACTIVE Facility Id: FA0000476  TILLEMA & VANDER MEU Facility Status: ACTIVE Facility Status: INACTIVE Facility Status: INACTIVE Facility Status: INACTIVE	Facility Status: ACTIVE Facility Status: INACTIVE	35
Facility Status: INACTIVE Facility Id: FA0000476  TILLEMA & VANDER MEU Facility Status: ACTIVE Facility Status: INACTIVE	Facility Status: INACTIVE	44
Facility Status: ACTIVE Facility Status: INACTIVE	·	40
1 acinty to: 1 A0000072	Facility Status: INACTIVE	48

Due to poor or inadequate address information, the following sites were not mapped. Count: 10 records.

Site Name	Database(s)
	CDL
	CDL
	CDL
	CDL
	CDL
	CDL
	CDL
	CDL
	CDL
	CDL

# **OVERVIEW MAP - 4862189.2S**



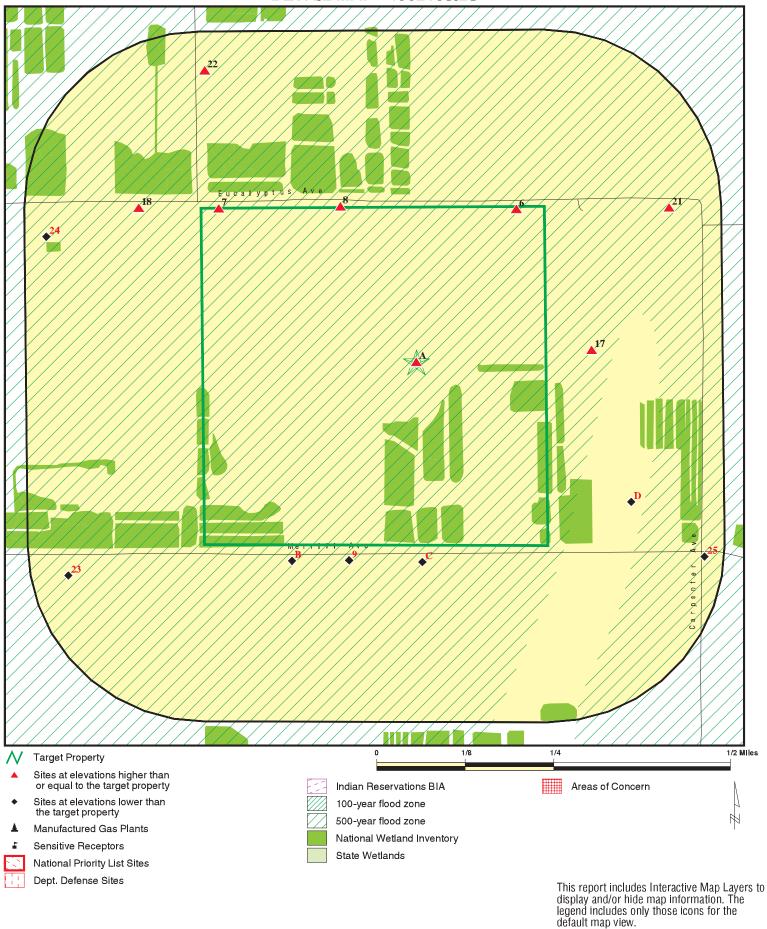
ADDRESS: 8731 Eucalyptus Avenue Chino CA 91710

LAT/LONG: 33.987206 / 117.613918

Colleen Tubridy INQUIRY#: 4862189.2s

DATE: February 23, 2017 6:42 pm Copyright © 2017 EDR, Inc. © 2015 TomTom Rel. 2015.

# **DETAIL MAP - 4862189.2S**



SITE NAME: Minaberry Land 73.86 acres

ADDRESS: 8731 Eucalyptus Avenue Chino CA 91710

LAT/LONG: 33.987206 / 117.613918

CLIENT: Partner Engineering and Science, Inc. CONTACT: Colleen Tubridy INQUIRY #: 4862189.2s
DATE: February 23, 2017 6:45 pm

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted
STANDARD ENVIRONMEN	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	e list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRA	P site list							
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD fa	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 1 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 1 0
Federal institutional con engineering controls reg								
LUCIS US ENG CONTROLS US INST CONTROL	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equiva	alent NPL							
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equiva	alent CERCLIS	8						
ENVIROSTOR	1.000		0	0	0	0	NR	0
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		1	0	0	NR	NR	1
State and tribal leaking	storage tank l	ists						
LUST	0.500		0	0	0	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	<u>1/2 - 1</u>	<u>&gt; 1</u>	Total Plotted
INDIAN LUST SLIC	0.500 0.500		0	0 0	0 0	NR NR	NR NR	0 0
State and tribal registere	ed storage tal	nk lists						
FEMA UST UST AST INDIAN UST	0.250 0.250 0.250 0.250	1	0 1 1 0	0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 2 1 0
State and tribal voluntar	y cleanup sit	es						
VCP INDIAN VCP	0.500 0.500		0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	elds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	ITAL RECORD	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
WMUDS/SWAT SWRCY HAULERS INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 TP 0.500 0.500 0.500 0.500		0 0 NR 0 0 0	0 0 NR 0 0 0	0 0 NR 0 0 0	NR NR NR NR NR NR	NR NR NR NR NR NR	0 0 0 0 0 0
Local Lists of Hazardous Contaminated Sites	s waste /							
US HIST CDL HIST Cal-Sites SCH CDL Toxic Pits US CDL	TP 1.000 0.250 TP 1.000 TP		NR 0 0 NR 0 NR	NR 0 0 NR 0 NR	NR 0 NR NR 0 NR	NR 0 NR NR 0 NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Registered	d Storage Tai	nks						
SWEEPS UST HIST UST CA FID UST	0.250 0.250 0.250	1 1 1	2 3 2	0 0 0	NR NR NR	NR NR NR	NR NR NR	3 4 3
Local Land Records								
LIENS LIENS 2 DEED	TP TP 0.500		NR NR 0	NR NR 0	NR NR 0	NR NR NR	NR NR NR	0 0 0
Records of Emergency I	Release Repo	rts						
HMIRS	TP		NR	NR	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	<u>1/2 - 1</u>	> 1	Total Plotted
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS MCS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Red								Ü
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	Ö	Ö	Ö	NR	0
SCRD DRYCLEANERS	0.500		Ö	Ö	Ö	NR	NR	Ö
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 ROD	TP 1.000		NR 0	NR 0	NR 0	NR 0	NR NR	0 0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	ŏ
PADS	TP		NR	NR	NR	NR	NR	Ō
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 RADINFO	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
HIST FTTS	TP		NR NR	NR NR	NR NR	NR NR	NR NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	Ö
INDIAN RESERV	1.000		Ö	Ö	Ö	Ö	NR	Ö
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
FINDS	TP TP		NR	NR	NR	NR	NR	0
DOCKET HWC UXO	1.000		NR 0	NR 0	NR 0	NR 0	NR NR	0 0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	Ö	NR	NR	0
CUPA Listings	0.250		Ö	Ö	NR	NR	NR	Ö
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP	1	NR	NR	NR	NR	NR	1
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	0	0	NR	NR NB	0 0
HWP	1.000		U	0	0	0	NR	U

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HWT	0.250		0	0	NR	NR	NR	0
MINES	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP	4	NR	NR	NR	NR	NR	0
San Bern. Co. Permit PEST LIC	0.250 TP	1	8 NR	5 NR	NR NR	NR NR	NR NR	14 0
PROC	0.500		0	0	0	NR NR	NR NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	Ö
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.500		0	0	0	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICA	AL 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 GOVERN	IMENT ARCHI	/ES						
Exclusive Recovered Go	vt. Archives							
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals		6	19	5	0	0	0	30

# NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

Elevation Site Database(s) EPA ID Number

A1 AG-BOUMA DAIRY UST U003785005
Target 8731 EUCALYPTUS AVE N/A

Property CHINO, CA 91762

Site 1 of 5 in cluster A

Actual:

UST:

**674 ft.** Facility ID: 87014276

Permitting Agency: SAN BERNARDINO COUNTY

Latitude: 33.991553 Longitude: -117.61302

A2 MINABERRY DAIRY #1 ENF S116676410
Target 8731 EUCALYPUS AVENUE N/A

Property CHINO, CA 91710

#### Site 2 of 5 in cluster A

Actual: ENF: Re

Region: Facility Id: 240851 Agency Name: Not reported Place Type: Growing Place Subtype: Animal Feeding Agricultural Facility Type: Agency Type: Not reported # Of Agencies: Not reported Place Latitude: 33.990525 Place Longitude: -117.611471

SIC Code 1: 241

SIC Desc 1: Dairy Farms 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: Source Of Facility: **Enf Action** Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Not reported Pretreatment: Facility Waste Type: Solid wastes, NEC Facility Waste Type 2: Stormwater runoff Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: **ANIWSTCOWS** Program Category1: **ANIMALWASTE** 

**ANIMALWASTE** 

# Of Programs:

Program Category2:

WDID: Not reported Reg Measure Id: 332712

Reg Measure Type: NPDES Permits

Region:

Order #: R8-2007-0001

**EDR ID Number** 

Distance Elevation

Site Database(s) EPA ID Number

#### MINABERRY DAIRY #1 (Continued)

S116676410

**EDR ID Number** 

Npdes# CA#: CAG018001 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: 12/24/2013 Effective Date: 09/07/2007 Expiration/Review Date: 09/06/2012 Termination Date: 06/06/2013 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: G

Fee Code: Not reported Direction/Voice: Passive Enforcement Id(EID): 347181

Region:

Order / Resolution Number: Not reported
Enforcement Action Type: Oral Communication

Effective Date: 11/27/2007
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 11/27/2007
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Oral Comm..(11/27/2007)

Description:

Program:

Latest Milestone Completion Date:

Not reported

ANIWSTCOWS

Not reported

# 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

 Region:
 8

 Facility Id:
 240851

Agency Name: Schoneveld, John
Place Type: Growing
Place Subtype: Animal Feeding
Facility Type: Agricultural

Agency Type: Privately-Owned Business

# Of Agencies:

Place Latitude: 33.990525
Place Longitude: -117.611471

SIC Code 1: 241

Direction Distance Elevation

on Site Database(s) EPA ID Number

#### MINABERRY DAIRY #1 (Continued)

S116676410

**EDR ID Number** 

SIC Desc 1: Dairy Farms 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:

Source Of Facility: Reg Meas
Design Flow: 0.0001
Threat To Water Quality: 2
Complexity: C

Pretreatment: X - Facility is not a POTW Solid wastes, NEC Facility Waste Type: Facility Waste Type 2: Stormwater runoff Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported ANIWSTCOWS Program: Program Category1: **ANIMALWASTE** Program Category2: **ANIMALWASTE** # Of Programs:

WDID: 8 365807001 Reg Measure Id: 211775 Reg Measure Type: Enrollee Region: Order #: 99-011 Npdes# CA#: CAG018001 Major-Minor: Not reported Npdes Type: Not reported N - No Reclamation: Dredge Fill Fee: Not reported 301H: Not reported 2000 Application Fee Amt Received: Status: Historical 03/23/2004 Status Date: 03/27/2001 Effective Date: Expiration/Review Date: Not reported

WDR Review - Revise/Renew:

WDR Review - Rescind:

WDR Review - No Action Required:

WDR Review - Pending:

WDR Review - Planned:

Not reported

Not reported

Not reported

Not reported

Status Enrollee: Individual/General:

Termination Date: WDR Review - Amend:

Fee Code: 10 - Confined animal feeding facility

03/23/2004

Not reported

Direction/Voice: Passive
Enforcement Id(EID): 236822
Region: 8

Order / Resolution Number: R8-2001-0049
Enforcement Action Type: Admin Civil Liability

Effective Date: 04/19/2001

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### MINABERRY DAIRY #1 (Continued)

S116676410

Adoption/Issuance Date: Not reported Not reported Achieve Date: **Termination Date:** 08/28/2001 ACL Issuance Date: Not reported **EPL Issuance Date:** Not reported Status: Historical

Title: ACLC R8-2001-0049 for John Schoneveld

Description: Discharge of manured runoff. \$5,000 suspended contingent

upon spending \$5,000 toward the elimination of future

discharges. SEP - Arrundo removal.

**ANIWSTCOWS** Program: 8/28/2001 Latest Milestone Completion Date:

# Of Programs1:

**Total Assessment Amount:** 10000 Initial Assessed Amount: 5000 Liability \$ Amount: Project \$ Amount: 5000 Liability \$ Paid: 0 Project \$ Completed: 5000 Total \$ Paid/Completed Amount: 10000

А3 **BOUMA DAIRY 8731 EUCALYPTUS Target Property** CHINO, CA 91710

HIST UST U001568857

N/A

#### Site 3 of 5 in cluster A

Actual: 674 ft.

HIST UST: File Number:

00029A59

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029A59.pdf

Region: STATE Facility ID: 00000028129 Facility Type: Other DAIRY Other Type: Contact Name: Not reported Telephone: 7149474349 Owner Name: **BOUMA DAIRY** 8731 EUCALYPUTS Owner Address: Owner City, St, Zip: CHINO, CA 91710

Total Tanks: 0002

Tank Num: 001 Container Num: Year Installed: 1970 00001000 Tank Capacity: Tank Used for: **PRODUCT** Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: Visual

Tank Num: 002 Container Num: 2

Year Installed: Not reported Tank Capacity: 00000000 Tank Used for: Not reported Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: Not reported

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### **BOUMA DAIRY (Continued)**

U001568857

Click here for Geo Tracker PDF:

Α4 **BOUMA DAIRY 8731 EUCALYPTUS Target Property** CHINO, CA 91710

S101618753 **SWEEPS UST CA FID UST** N/A

#### Site 4 of 5 in cluster A

Actual: 674 ft.

SWEEPS UST:

Status: Not reported Comp Number: 28129 Not reported Number: Board Of Equalization: Not reported Referral Date: Not reported Not reported Action Date: Created Date: Not reported Owner Tank Id: Not reported

SWRCB Tank Id: 36-000-028129-000001

Tank Status: Not reported 1000 Capacity: Active Date: Not reported Tank Use: M.V. FUEL **PRODUCT** STG: Not reported Content:

Number Of Tanks:

Status: Not reported Comp Number: 28129 Not reported Number: Board Of Equalization: Not reported Referral Date: Not reported Action Date: Not reported Created Date: Not reported Not reported Owner Tank Id:

SWRCB Tank Id: 36-000-028129-000002

Tank Status: Not reported Capacity: Not reported Not reported Active Date: UNKNOWN Tank Use: **PRODUCT** STG: Content: Not reported Number Of Tanks: Not reported

## CA FID UST:

Facility ID: 36008209 Regulated By: UTNKI Regulated ID: 00028129 Cortese Code: Not reported SIC Code: Not reported Facility Phone: Not reported Not reported Mail To:

Mailing Address: 8731 EUCALYPTUS

Mailing Address 2: Not reported Mailing City, St, Zip: **CHINO 91710** Contact: Not reported Contact Phone: Not reported **DUNs Number:** Not reported

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**BOUMA DAIRY (Continued)** S101618753

NPDES Number: Not reported Not reported EPA ID: Not reported Comments: Status: Inactive

Α5 MINABERRY DAIRY **8731 EUCALYPTUS Target Property ONTARIO, CA 91762**  San Bern. Co. Permit S108536475

N/A

Site 5 of 5 in cluster A

San Bern. Co. Permit: Actual:

674 ft. Region: SAN BERNARDINO

Facility ID: FA0010990

Owner: **HENRI & MARIE MINABERRY** 

Permit Number: PT0018933

Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS

Facility Status: **ACTIVE** Expiration Date: 05/31/2017

Region: SAN BERNARDINO

Facility ID: FA0010990

HENRI & MARIE MINABERRY Owner:

Permit Number: PT0018934

Permit Category: SPECIAL GENERATOR

Facility Status: INACTIVE Expiration Date: 05/31/2014

SAN BERNARDINO Region: Facility ID: FA0000364 Owner: **BOUMA DAIRY** Permit Number: PT0003503

Permit Category: HAZMAT HANDLER - UST ONLY

Facility Status: **INACTIVE** Expiration Date: 09/30/1989

Region: SAN BERNARDINO Facility ID: FA0000364 Owner: **BOUMA DAIRY** Permit Number: PT0011124

Permit Category: UST OWNERSHIP/OPERATING PERMIT (PER UST)

Facility Status: **INACTIVE** Expiration Date: 09/30/1989

SAN BERNARDINO Region: Facility ID: FA0000364 **BOUMA DAIRY** Owner: Permit Number: PT0011125

Permit Category: UST OWNERSHIP/OPERATING PERMIT (PER UST)

Facility Status: **INACTIVE** Expiration Date: 09/30/1989

Direction Distance

Elevation Site Database(s) EPA ID Number

6 MINABERRY DAIRY, #1 SWF/LF \$109282041 8888 EUCALYPTUS AVE EMI N/A

< 1/8 1 ft.

Actual:

681 ft.

SWF/LF (SWIS):

**ONTARIO, CA 91762** 

Relative: Region: Facility ID:

Lat/Long: 33.98995 / -117.61164
Owner Name: Henri Minaberry
Owner Telephone: 9092397403
Owner Address: Not reported

STATE

36-AA-0480

Owner Address2: 8888 Eucalyptus Ave.
Owner City,St,Zip: Ontario, CA 91762

Operational Status: Active

Operator: Partida Fertilizer
Operator Phone: 9092397403
Operator Address: Betty Partida

Operator Address2: 824 Tam O'Shanter St.
Operator City,St,Zip: Ontario, CA 91762
Permit Date: 08/01/2014
Permit Status: Notification

Permitted Acreage: \$4.00

Activity: Composting Operation (Ag)

Regulation Status: Notification
Landuse Name: Not reported
GIS Source: Map
Category: Composting
Unit Number: 01
Inspection Frequency: Quarterly

Accepted Waste: Agricultural,Manure
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: Not reported
SWIS Num: 36-AA-0480
Waste Discharge Requirement Num: Not reported
Program Type: Not reported

Permitted Throughput with Units: 266

Actual Throughput with Units: Cu Yards/day
Permitted Capacity with Units: 96000
Remaining Capacity: Not reported
Remaining Capacity with Units: Cu Yards/year
Lat/Long: 33.98995 / -117.61164

EMI:

 Year:
 2006

 County Code:
 36

 Air Basin:
 SC

 Facility ID:
 144860

 Air District Name:
 SC

 SIC Code:
 241

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 7.871457200114514743

Reactive Organic Gases Tons/Yr: 5.499
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0

**EDR ID Number** 

Distance Elevation

ation Site Database(s) EPA ID Number

#### MINABERRY DAIRY, #1 (Continued)

S109282041

**EDR ID Number** 

Particulate Matter Tons/Yr: 1.287
Part. Matter 10 Micrometers and Smllr Tons/Yr:.6297291

 Year:
 2007

 County Code:
 36

 Air Basin:
 SC

 Facility ID:
 144860

 Air District Name:
 SC

 SIC Code:
 241

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 7.871457200114514743

Reactive Organic Gases Tons/Yr: 5.499
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1.287
Part. Matter 10 Micrometers and Smllr Tons/Yr:.6297291

 Year:
 2008

 County Code:
 36

 Air Basin:
 SC

 Facility ID:
 144860

 Air District Name:
 SC

 SIC Code:
 241

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 3.936444317205840251

Reactive Organic Gases Tons/Yr: 2.75
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1.68
Part. Matter 10 Micrometers and Smllr Tons/Yr:.822024

 Year:
 2009

 County Code:
 36

 Air Basin:
 SC

 Facility ID:
 144860

 Air District Name:
 SC

 SIC Code:
 241

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 4.0223303750357804 Reactive Organic Gases Tons/Yr: 2.810000000000001

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1.72

Part. Matter 10 Micrometers and Smllr Tons/Yr:0.8415960000000001

Year: 2010
County Code: 36
Air Basin: SC

Direction Distance Elevation

Site Database(s) EPA ID Number

#### MINABERRY DAIRY, #1 (Continued)

S109282041

**EDR ID Number** 

Facility ID: 144860
Air District Name: SC
SIC Code: 241

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 4.1210850271972497 Reactive Organic Gases Tons/Yr: 2.878989999999999

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1.78068

Part. Matter 10 Micrometers and Smllr Tons/Yr:0.8712867239999996

 Year:
 2011

 County Code:
 36

 Air Basin:
 SC

 Facility ID:
 144860

 Air District Name:
 SC

 SIC Code:
 241

Air District Name: SOUTH COAST 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

 Year:
 2012

 County Code:
 36

 Air Basin:
 SC

 Facility ID:
 144860

 Air District Name:
 SC

 SIC Code:
 241

Air District Name: SOUTH COAST 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

 Year:
 2013

 County Code:
 36

 Air Basin:
 SC

 Facility ID:
 144860

 Air District Name:
 SC

 SIC Code:
 241

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

MINABERRY DAIRY, #1 (Continued)

S109282041

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

\_\_\_\_\_

7 B & B DAIRY

San Bern. Co. Permit S108536404 N/A

8521 EUCALYPTUS AVE ONTARIO, CA 91762

< 1/8 1 ft.

San Bern. Co. Permit:

Relative: Region: SAN BERNARDINO

Higher Facility ID: FA0000345

Owner: JOE & JAMES BORBA

Actual: Permit Number: PT0008941

675 ft. Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES

Facility Status: INACTIVE Expiration Date: 04/30/2008

Region: SAN BERNARDINO

Facility ID: FA0000345

Owner: JOE & JAMES BORBA

Permit Number: PT0008942

Permit Category: SPECIAL GENERATOR

Facility Status: INACTIVE Expiration Date: 04/30/1997

G H DAIRY #3 ENF S104761838 8643 EUCALYPTUS AVE San Bern. Co. Permit N/A

NNW 8643 EUCALYPTUS AVE < 1/8 ONTARIO, CA 91762

0.002 mi. 9 ft.

8

Relative: ENF: Higher Region: 8

Facility Id: 229450

Actual: Agency Name: Gerben Hettinga
679 ft. Place Type: Growing
Place Subtype: Animal Feeding

Facility Type: Animal Feeding
Facility Type: Agricultural
Agency Type: Privately-Owned Business

# Of Agencies:

Place Latitude: 33.990541
Place Longitude: -117.616264
SIC Code 1: 241
SIC Desc 1: Dairy Farms

SIC Desc 1: Dairy Farms 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

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

G H DAIRY #3 (Continued)

S104761838

NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

# Of Places:

Source Of Facility: Reg Meas Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported

Pretreatment: X - Facility is not a POTW Facility Waste Type: Solid wastes, NEC Facility Waste Type 2: Stormwater runoff Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: **ANIWSTCOWS** Program Category1: **ANIMALWASTE** Program Category2: **ANIMALWASTE** 

# Of Programs:

WDID: 8 365974001 Reg Measure Id: 374065 Reg Measure Type: Enrollee

Region:

Order #: R8-2013-0001 Npdes# CA#: CAG018001 Major-Minor: Minor OTH Npdes Type: Reclamation: N - No Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Active Status Date: 08/16/2010 Effective Date: 05/06/2010 Expiration/Review Date: 06/01/2018 **Termination Date:** Not reported Not reported WDR Review - Amend: WDR Review - Revise/Renew: Not reported Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported

Status Enrollee: Υ Individual/General:

Fee Code: 10 - Confined animal feeding facility

Direction/Voice: **Passive** 392038 Enforcement Id(EID): Region:

Order / Resolution Number: Not reported Enforcement Action Type: **Oral Communication** 

03/07/2013 Effective Date: Adoption/Issuance Date: 03/07/2013 Achieve Date: Not reported Termination Date: 03/07/2013 Not reported ACL Issuance Date: EPL Issuance Date: Not reported

Status: Historical

Title: Oral Com 03/07/2013 for Hein Hettinga

Description: Not reported Map ID MAP FINDINGS
Direction

Distance Elevation Site

Site Database(s) EPA ID Number

G H DAIRY #3 (Continued) S104761838

Program: ANIWSTCOWS
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
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Region: 8 Facility Id: 229450 Agency Name: Not reported Place Type: Growing Place Subtype: Animal Feeding Facility Type: Agricultural Agency Type: Not reported # Of Agencies: Not reported 33.990541 Place Latitude: Place Longitude: -117.616264

SIC Code 1: 241 SIC Desc 1: Dairy Farms 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

Not reported

Not reported

# Of Places: 1

NAICS Code 3:

NAICS Desc 3:

Source Of Facility: **Enf Action** Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Not reported Pretreatment: Facility Waste Type: Solid wastes, NEC Facility Waste Type 2: Stormwater runoff Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported **ANIWSTCOWS** Program: Program Category1: **ANIMALWASTE** Program Category2: **ANIMALWASTE** 

# Of Programs:

WDID: Not reported Reg Measure Id: 332712 Reg Measure Type: NPDES Permits

Region: 8
Order #: R8-2007-0001
Npdes# CA#: CAG018001
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported

**EDR ID Number** 

Direction Distance

Elevation Site Database(s) EPA ID Number

G H DAIRY #3 (Continued) S104761838

301H: Not reported Application Fee Amt Received: Not reported Status: Historical Status Date: 12/24/2013 Effective Date: 09/07/2007 Expiration/Review Date: 09/06/2012 Termination Date: 06/06/2013 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 Not reported WDR Review - Planned:

Status Enrollee: N Individual/General: G

Fee Code:

Direction/Voice:

Enforcement Id(EID):

Region:

Not reported
Passive
347229
847229
88

Order / Resolution Number: Not reported
Enforcement Action Type: Oral Communication

Effective Date: 04/11/1986
Adoption/Issuance Date: Not reported

Achieve Date: Not reported 04/11/1986 Termination Date: ACL Issuance Date: Not reported EPL Issuance Date: Not reported Status: Historical Title: Oral Comm.. Description: Not reported **ANIWSTCOWS** Program:

Not reported

# Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0

Latest Milestone Completion Date:

Total \$ Paid/Completed Amount: 0

San Bern. Co. Permit:

Region: SAN BERNARDINO Facility ID: FA0012185

Owner: GERBEN HETTINGA

Permit Number: PT0021465

Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS

Facility Status: ACTIVE Expiration Date: 04/30/2017

Region: SAN BERNARDINO Facility ID: FA0000475

Owner: HAAGSMA, RICHARD R

Permit Number: PT0008946

Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES

Facility Status: INACTIVE Expiration Date: 04/30/2010

**EDR ID Number** 

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

G H DAIRY #3 (Continued) S104761838

Region: SAN BERNARDINO

Facility ID: FA0000475

Owner: HAAGSMA, RICHARD R

Permit Number: PT0008947

Permit Category: SPECIAL GENERATOR

Facility Status: INACTIVE Expiration Date: 04/30/1997

9 HERITAGE DAIRY #2 San Bern. Co. Permit S104761599

SSW 8649 MERRILL AVE < 1/8 CHINO, CA 91710

0.022 mi. 115 ft.

Relative: San Bern. Co. Permit:

Lower Region: SAN BERNARDINO

Facility ID: FA0000333

Actual: Owner: ALBERS, RAYMOND ET AL

665 ft. Permit Number: PT0008950

Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES

Facility Status: INACTIVE Expiration Date: 04/30/2010

Region: SAN BERNARDINO

Facility ID: FA0000333

Owner: ALBERS, RAYMOND ET AL

Permit Number: PT0008951

Permit Category: SPECIAL GENERATOR

Facility Status: INACTIVE Expiration Date: 04/30/2009

B10 JACK D STIEFEL DAIRY HIST UST U001568924 SSW 8571 MERRILL AVE N/A

< 1/8 CHINO, CA 91710 0.023 mi.

120 ft. Site 1 of 3 in cluster B

Relative: HIST UST: Lower File Number: 0002A025

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A025.pdf

 Actual:
 Region:
 STATE

 663 ft.
 Facility ID:
 00000065653

 Facility Type:
 Other

 Other Type:
 DAIRY

 Contact Name:
 Not reported

Telephone: 7146284184
Owner Name: JACK D. STIEFEL
Owner Address: 8571 MERRILL AVE.
Owner City,St,Zip: CHINO, CA 91710

Total Tanks: 0001

Tank Num: 001 Container Num: 1

Year Installed: Not reported Tank Capacity: 00000000 Tank Used for: PRODUCT

N/A

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### **JACK D STIEFEL DAIRY (Continued)**

U001568924

S101591778

N/A

**SWEEPS UST** 

**CA FID UST** 

Type of Fuel: DIESEL Container Construction Thickness: Not reported Leak Detection: None

Click here for Geo Tracker PDF:

B11 **JACK & MACK STIEFEL DAIRY** 

SSW 8571 MERRILL AVE CHINO, CA 91710 < 1/8

0.023 mi.

120 ft. Site 2 of 3 in cluster B

Relative: Lower

SWEEPS UST:

Active Status: Comp Number: 42511 Actual: Number: 663 ft.

Board Of Equalization: Not reported Referral Date: 08-27-91 08-27-91 Action Date: Created Date: 02-29-88

Owner Tank Id:

SWRCB Tank Id: 36-000-042511-000001

Tank Status: 1000 Capacity: 07-01-85 Active Date: Tank Use: M.V. FUEL STG: Content: **DIESEL** 

Number Of Tanks: 1

CA FID UST:

Facility ID: 36008987 UTNKA Regulated By: Regulated ID: 00042511 Cortese Code: Not reported SIC Code: Not reported Not reported Facility Phone: Not reported Mail To: Mailing Address: 8571 MERRILL AVE

Mailing Address 2: Not reported Mailing City, St, Zip: CHINO 91710 Contact: Not reported Contact Phone: Not reported **DUNs Number:** Not reported NPDES Number: Not reported EPA ID: Not reported Comments: Not reported Active Status:

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

< 1/8 CHINO, CA 91710 San Bern. Co. Permit

0002A023

0.023 mi.

120 ft. Site 3 of 3 in cluster B

Relative: HIST UST: Lower File Number:

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A023.pdf

 Actual:
 Region:
 STATE

 663 ft.
 Facility ID:
 00000042511

 Facility Type:
 Other

Other Type: DAIRY (AGRICULTURE)

Contact Name: Not reported
Telephone: 7146284184
Owner Name: JACK D. STIEFEL
Owner Address: 8571 MERRILL AVE.,
Owner City,St,Zip: CHINO, CA 91710

Total Tanks: 0001

Tank Num: 001 Container Num: 1

Year Installed:
Tank Capacity:
O0001000
Tank Used for:
Type of Fuel:
Container Construction Thickness:
Leak Detection:
Not reported
DIESEL
Not reported
None

Click here for Geo Tracker PDF:

ENF:

Region: 8
Facility Id: 270193
Agency Name: Van Vliet, Nick
Place Type: Growing
Place Subtype: Animal Feeding

Place Subtype: Animal Feeding Facility Type: Agricultural

Agency Type: Privately-Owned Business

Not reported

# Of Agencies:

33.983252 Place Latitude: Place Longitude: -117.617731 SIC Code 1: 241 SIC Desc 1: Dairy Farms 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 Not reported NAICS Desc 1: NAICS Code 2: Not reported NAICS Desc 2: Not reported

NAICS Desc 3: Not reported # Of Places: 1

NAICS Code 3:

Source Of Facility: Reg Meas
Design Flow: 0.0001
Threat To Water Quality: 2

Complexity: C

Direction Distance

Elevation Site Database(s) EPA ID Number

JACK D STIEFEL (Continued)

U001568923

**EDR ID Number** 

X - Facility is not a POTW Pretreatment: Solid wastes, NEC Facility Waste Type: Facility Waste Type 2: Stormwater runoff Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported **ANIWSTCOWS** Program: Program Category1: **ANIMALWASTE** Program Category2: **ANIMALWASTE** 

# Of Programs: 1

 WDID:
 8 365697001

 Reg Measure Id:
 211723

 Reg Measure Type:
 Enrollee

 Region:
 8

 Order #:
 R8-2007-0001

Npdes# CA#: CAG018001 Major-Minor: Not reported Npdes Type: Not reported N - No Reclamation: Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: 2000 Status: Historical Status Date: 08/27/2014 Effective Date: 09/09/1999 Expiration/Review Date: 09/06/2012 Termination Date: 10/02/2007 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: \\Individual/General: \I

Fee Code: 10 - Confined animal feeding facility

Direction/Voice: Passive
Enforcement Id(EID): 238785
Region: 8
Order / Resolution Number: UNKNOWN

Enforcement Action Type: Staff Enforcement Letter

Effective Date: 12/10/2001
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 12/10/2001
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Enforcement - 8 365697001

Description: Notice

Program: ANIWSTCOWS Latest Milestone Completion Date: 12/13/2001

# Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

JACK D STIEFEL (Continued) U001568923

Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

San Bern. Co. Permit:

Region: SAN BERNARDINO

Facility ID: FA0000498

Owner: JACK & MARK STIEFEL DAIRY

Permit Number: PT0003639

Permit Category: HAZMAT HANDLER - AGRICULTURAL(FE)

Facility Status: INACTIVE Expiration Date: 02/28/1990

C13 AG-TEUNE'S DAIRY UST U003971267

N/A

South 8749 MERRILL AVE < 1/8 CHINO, CA 91710

0.024 mi.

126 ft. Site 1 of 4 in cluster C

Relative: UST:

Lower Facility ID: 86008360

Permitting Agency: SAN BERNARDINO COUNTY

 Actual:
 Latitude:
 33.983653

 666 ft.
 Longitude:
 -117.612422

C14 TEUNES DAIRY HIST UST U001568970
South 8749 MERRILL N/A

< 1/8 CHINO, CA 91710

0.024 mi.

126 ft. Site 2 of 4 in cluster C

Relative: HIST UST:

Lower File Number: 0002A777
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A777.pdf

 Actual:
 Region:
 STATE

 666 ft.
 Facility ID:
 00000015088

 Facility Type:
 Other

 Other Type:
 DAIRY

Contact Name:
Not reported
Telephone:
7149475347
Owner Name:
TEUNE'S DAIRY
Owner Address:
8749 MERRILL
Owner City, St, Zip:
CHINO, CA 91710

Total Tanks: 0001

Tank Num: 001 Container Num: 1 Year Installed: 1980 Tank Capacity: 00001000 Tank Used for: **PRODUCT** Type of Fuel: REGULAR **Container Construction Thickness:** Not reported Leak Detection: None

Click here for Geo Tracker PDF:

Direction Distance

Elevation Site Database(s) EPA ID Number

C15 STRUIKMANS AND SONS DAIRIES ENF S104762167
South 8749 MERRILL AVE San Bern. Co. Permit N/A

-117.613476

South 8749 MERRILL AVE < 1/8 CHINO, CA 91710

Place Longitude:

0.024 mi.

126 ft. Site 3 of 4 in cluster C

Relative: Lower

ENF:
Region: 8

Actual: 666 ft. Facility Id: 224042 Agency Name: Not reported Place Type: Growing Place Subtype: Animal Feeding Agricultural Facility Type: Not reported Agency Type: # Of Agencies: Not reported Place Latitude: 33.983036

SIC Code 1: 241

SIC Desc 1: Dairy Farms 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 Not reported NAICS Desc 2: NAICS Code 3: Not reported NAICS Desc 3: Not reported

# Of Places: 1
Source Of Facility: E

Enf Action Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Solid wastes, NEC Facility Waste Type 2: Stormwater runoff Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: **ANIWSTCOWS** Program Category1: ANIMALWASTE Program Category2: **ANIMALWASTE** 

# Of Programs: 1

WDID: Not reported
Reg Measure Id: 332712
Reg Measure Type: NPDES Permits

Region: 8

Region:
Order #:
R8-2007-0001
Npdes# CA#:
CAG018001
Major-Minor:
Not reported
Npdes Type:
Not reported
Reclamation:
Not reported
Dredge Fill Fee:
Not reported
301H:
Not reported
Not reported
Not reported
Not reported

Application Fee Amt Received:
Status:
Status Date:
Effective Date:
Expiration/Review Date:

Not reported
Historical
12/24/2013
09/07/2007
09/06/2012

**EDR ID Number** 

Direction Distance Elevation

tance EDR ID Number vation Site Database(s) EPA ID Number

#### STRUIKMANS AND SONS DAIRIES (Continued)

S104762167

Termination Date: 06/06/2013
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: G

Fee Code:
Direction/Voice:
Enforcement Id(EID):
Region:

Not reported
Passive
347331
847331
847331

Order / Resolution Number: Not reported
Enforcement Action Type: Oral Communication

Effective Date: 01/17/2007 Adoption/Issuance Date: Not reported Not reported Achieve Date: Termination Date: 01/17/2007 ACL Issuance Date: Not reported EPL Issuance Date: Not reported Status: Historical Title: Oral Comm.. Description: Not reported ANIWSTCOWS Program: 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
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Region: 8
Facility Id: 263256
Agency Name: Bouma, Peter
Place Type: Growing
Place Subtype: Animal Feeding
Facility Type: Agricultural

Agency Type: Privately-Owned Business

# Of Agencies: 1

 Place Latitude:
 33.983279

 Place Longitude:
 -117.613784

 SIC Code 1:
 241

SIC Desc 1: Dairy Farms SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported Not reported SIC Desc 3: 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 Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

# STRUIKMANS AND SONS DAIRIES (Continued)

# Of Places:

Source Of Facility: Reg Meas
Design Flow: 0
Threat To Water Quality: 2
Complexity: C

Pretreatment: X - Facility is not a POTW Solid wastes, NEC Facility Waste Type: Facility Waste Type 2: Stormwater runoff Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported **ANIWSTCOWS** Program: Program Category1: **ANIMALWASTE** Program Category2: **ANIMALWASTE** 

# Of Programs:

WDID: 8 365855001 Reg Measure Id: 211816 Reg Measure Type: Enrollee Region: Order #: 99-011 Npdes# CA#: CAG018001 Major-Minor: Not reported Npdes Type: Not reported Reclamation: N - No Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Historical Status Date: 10/28/2002 Effective Date: 06/27/2001 Expiration/Review Date: Not reported 10/28/2002 Termination Date: 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: Y
Individual/General: I

Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 238796
Region: 8

Order / Resolution Number: UNKNOWN

Enforcement Action Type: Staff Enforcement Letter

Effective Date: 12/10/2001
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 12/10/2001
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Enforcement - 8 365855001

Description:
Program:
ANIWSTCOWS
Latest Milestone Completion Date:
12/13/2001

# Of Programs1:

S104762167

**EDR ID Number** 

Direction Distance Elevation

vation Site Database(s) EPA ID Number

# STRUIKMANS AND SONS DAIRIES (Continued)

S104762167

**EDR ID Number** 

Total Assessment Amount:

Initial Assessed Amount:

Liability \$ Amount:

Project \$ Amount:

Liability \$ Paid:

Project \$ Completed:

Total \$ Paid/Completed Amount:

0

Region: 8
Facility Id: 263256
Agency Name: Haringa, Rudolph

Place Type: Growing
Place Subtype: Animal Feeding
Facility Type: Agricultural
Agency Type: Privately-Individual

# Of Agencies: 1

Place Latitude: 33.983279
Place Longitude: -117.613784

SIC Code 1: 241

Dairy Farms SIC Desc 1: 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:

Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported

Pretreatment: X - Facility is not a POTW Facility Waste Type: Solid wastes, NEC Facility Waste Type 2: Stormwater runoff Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported ANIWSTCOWS Program: Program Category1: **ANIMALWASTE** Program Category2: **ANIMALWASTE** 

# Of Programs:

WDID: 8 365973001
Reg Measure Id: 373912
Reg Measure Type: Enrollee

 Region:
 8

 Order #:
 R8-2013-0001

 Npdes# CA#:
 CAG018001

 Major-Minor:
 Minor

 Npdes Type:
 OTH

 Reclamation:
 N - No

 Dredge Fill Fee:
 Not reported

 301H:
 Not reported

Application Fee Amt Received: 920 Status: Active

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# STRUIKMANS AND SONS DAIRIES (Continued)

S104762167

Status Date: 04/27/2010 04/26/2010 Effective Date: Expiration/Review Date: 06/01/2018 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: Υ Individual/General:

Fee Code: 10 - Confined animal feeding facility

Direction/Voice: Enforcement Id(EID): 392036 Region:

Not reported Order / Resolution Number: Oral Communication Enforcement Action Type:

Effective Date: 04/11/2013 Adoption/Issuance Date: 04/11/2013 Achieve Date: Not reported Termination Date: 04/11/2013

ACL Issuance Date: Not reported **EPL Issuance Date:** Not reported Status: Historical

Oral Com 04/11/2013 for Haringa, Rudolph Title:

Description: Not reported Program: **ANIWSTCOWS** Latest Milestone Completion Date: Not reported

# Of Programs1: **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

San Bern. Co. Permit:

SAN BERNARDINO Region: Facility ID: FA0010823

Owner: STRUICKMANS AND SONS

Permit Number: PT0018596

Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES

Facility Status: INACTIVE Expiration Date: 02/28/2010

SAN BERNARDINO Region:

Facility ID: FA0010823

Owner: STRUICKMANS AND SONS

Permit Number: PT0018597

Permit Category: SPECIAL GENERATOR

Facility Status: **INACTIVE** Expiration Date: 02/28/2010

Region: SAN BERNARDINO

Facility ID: FA0000664

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# STRUIKMANS AND SONS DAIRIES (Continued)

S104762167

S101618817

N/A

**SWEEPS UST** 

**CA FID UST** 

Owner: **TEUNE'S DAIRY** Permit Number: PT0018371

Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES (W/GEN PRMT)

Facility Status: **INACTIVE** Expiration Date: 12/31/2006

SAN BERNARDINO Region:

Facility ID: FA0000664 Owner: TEUNE'S DAIRY Permit Number: PT0001039

Permit Category: HAZARDOUS WASTE GENERATOR - 0-10 EMPLOYEES

Facility Status: INACTIVE Expiration Date: 12/31/2006

C16 **TEUNE'S DAIRY** South 8749 MERRILL < 1/8 CHINO, CA 91710

0.024 mi.

126 ft. Site 4 of 4 in cluster C

SWEEPS UST: Relative:

Status: Active Lower 15088 Comp Number:

Actual: Number: 666 ft.

Board Of Equalization: Not reported Referral Date: 03-24-92 Action Date: 03-24-92 Created Date: 02-29-88

Owner Tank Id: 1

SWRCB Tank Id: 36-000-015088-000001

Tank Status: Α Capacity: 1000 Active Date: 07-01-85 Tank Use: M.V. FUEL STG: Content: **LEADED** Number Of Tanks:

CA FID UST:

Facility ID: 36008701 Regulated By: UTNKA 00015088 Regulated ID: Cortese Code: Not reported SIC Code: Not reported Facility Phone: Not reported Mail To: Not reported 8749 MERRILL Mailing Address: Mailing Address 2: Not reported **CHINO 91710** Mailing City, St, Zip: Contact: Not reported Not reported Contact Phone: **DUNs Number:** Not reported NPDES Number: Not reported EPA ID: Not reported Comments: Not reported Status: Active

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

17 **MAJESTIC FARMS #2** EMI S108724354 **East 8911 EUCALYPTUS ENF** N/A

San Bern. Co. Permit **ONTARIO, CA 91762** 

< 1/8 0.065 mi. 343 ft.

EMI: Relative: Year:

2006 Higher County Code: 36 Actual: Air Basin: SC 676 ft. Facility ID: 145279

> Air District Name: SC SIC Code: 241

> > SOUTH COAST AQMD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 5.669911251073575722

Reactive Organic Gases Tons/Yr: 3.961 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: 0 Particulate Matter Tons/Yr: 1.227 Part. Matter 10 Micrometers and Smllr Tons/Yr:.6003711

2007 Year: County Code: 36 Air Basin: SC Facility ID: 145279 Air District Name: SC SIC Code:

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

5.669911251073575722 Total Organic Hydrocarbon Gases Tons/Yr:

Reactive Organic Gases Tons/Yr: 3.961 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: 0 Particulate Matter Tons/Yr: 1.227 Part. Matter 10 Micrometers and Smllr Tons/Yr:.6003711

2008 Year: County Code: 36 Air Basin: SC Facility ID: 145279 Air District Name: SC SIC Code: 241

SOUTH COAST AQMD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 2.261666189521900944

Reactive Organic Gases Tons/Yr: 1.58 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: 0 Particulate Matter Tons/Yr: .41 Part. Matter 10 Micrometers and Smllr Tons/Yr:.200613

Direction Distance Elevation

Site Database(s) EPA ID Number

# MAJESTIC FARMS #2 (Continued)

S108724354

**EDR ID Number** 

ENF: Region: Facility Id: 239250 Agency Name: Not reported Place Type: Growing Animal Feeding Place Subtype: Facility Type: Agricultural Agency Type: Not reported # Of Agencies: Not reported Place Latitude: 33.990529 Place Longitude: -117.611039 SIC Code 1: Not reported SIC Desc 1: Not reported SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: 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 NAICS Desc 3: Not reported

# Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported

Complexity: Not reported Not reported Pretreatment: Facility Waste Type: Solid wastes, NEC Facility Waste Type 2: Stormwater runoff Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported **ANIWSTCOWS** Program: Program Category1: **ANIMALWASTE** Program Category2: **ANIMALWASTE** 

# Of Programs:

WDID: Not reported
Reg Measure Id: 332712
Reg Measure Type: NPDES Permits

Region: 8

Order #: R8-2007-0001 Npdes# CA#: CAG018001 Major-Minor: Not reported Npdes Type: Not reported Not reported Reclamation: Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Historical Status Date: 12/24/2013 Effective Date: 09/07/2007 Expiration/Review Date: 09/06/2012 06/06/2013 Termination Date: WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### **MAJESTIC FARMS #2 (Continued)**

S108724354

WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported

Status Enrollee: Ν Individual/General: G

Fee Code: Not reported Passive Direction/Voice: Enforcement Id(EID): 347176 Region:

Order / Resolution Number: Not reported Enforcement Action Type: **Oral Communication** 

01/24/2001 Effective Date: Adoption/Issuance Date: Not reported Achieve Date: Not reported 01/24/2001 Termination Date: ACL Issuance Date: Not reported EPL Issuance Date: Not reported Status: Historical Title: Oral Comm.. Description: Not reported **ANIWSTCOWS** Program: Latest Milestone Completion Date: Not reported

# Of Programs1: **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

San Bern. Co. Permit:

Region: SAN BERNARDINO

Facility ID: FA0011156 STRUIKMAN, NICHOLAS Owner:

Permit Number: PT0019169

Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES

Facility Status: **INACTIVE** Expiration Date: 09/30/2009

18 G H DAIRY #1 WNW 8451 EUCALYPTUS **ONTARIO, CA 91761** < 1/8

San Bern. Co. Permit \$109349319 N/A

0.088 mi. 465 ft.

San Bern. Co. Permit: Relative:

Region: SAN BERNARDINO Higher

Facility ID: FA0011764

Actual: Owner: **GERBEN HETTINGA** 675 ft.

Permit Number: PT0020440

Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS

Facility Status: **ACTIVE** Expiration Date: 08/31/2016

SAN BERNARDINO Region:

Facility ID: FA0011764

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

G H DAIRY #1 (Continued) S109349319

Owner: **GERBEN HETTINGA** 

Permit Number: PT0021466

Permit Category: SMALL QUANTITY GENERATOR

Facility Status: **ACTIVE** Expiration Date: 08/31/2016

SAN BERNARDINO Region:

Facility ID: FA0011764

Owner: **GERBEN HETTINGA** 

Permit Number: PT0026731

Permit Category: APSA FARM/CONSTRUCTION CONDITIONALLY EXEMPT

Facility Status: **ACTIVE** Expiration Date: 08/31/2016

**GARDNER TRUCKING, INC.** D19 AST S106718416

**ESE** 9032 MERRILL AVE **HAULERS** N/A

< 1/8 **ONTARIO, CA 91762 HAZNET** 0.119 mi. San Bern. Co. Permit

626 ft. Site 1 of 2 in cluster D

AST: Relative:

Certified Unified Program Agencies: San Bernardino Lower

LANTING INC. Owner:

Actual: Total Gallons: 17,830 669 ft. CERSID: Not reported

Property Owner Zip Code:

Property Owner Country:

EPAID:

Not reported Facility ID: **Business Name:** Not reported Phone: Not reported Fax: Not reported Mailing Address: Not reported Not reported Mailing Address City: 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 Not reported Owner Country: Property Owner Name: Not reported Property Owner Phone: Not reported Property Owner Mailing Address: Not reported Property Owner City: Not reported Property Owner Stat: Not reported

Certified Unified Program Agencies: Not reported Owner: LANTING INC. Total Gallons: Not reported CERSID: 10043488 Facility ID: FA0005529

Business Name: GARDNER TRUCKING, INC.

Not reported

Not reported

Not reported

Phone: (909) 563-5606 (909) 563-5612 Fax: Mailing Address: 9032 MERRILL

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# **GARDNER TRUCKING, INC. (Continued)**

S106718416

Mailing Address City: **ONTARIO** Mailing Address State: CA Mailing Address Zip Code: 91761

Operator Name: Thomas Lanting Operator Phone: 9095635800 (909) 930-5600 5622 Owner Phone: Owner Mail Address: 3152 GIANT FOREST LOOP

Owner State: CA Owner Zip Code: 91709 Owner Country: **United States** Property Owner Name: Not reported Property Owner Phone: Not reported Property Owner Mailing Address: Not reported Property Owner City: Not reported Property Owner Stat: Not reported Property Owner Zip Code: Not reported Not reported Property Owner Country: CAL000358380 EPAID:

# HAULERS:

1308452 Facility ID: Facility Phone: (909) 563-5606 **Business Email Address:** Not reported

Gregory Cheatham, Anne Knutzen Contact Person:

Mailing Address: PO Box 747 Mailing City: Chino Mailing State: CA Mailing Zip: 91708-0747

Mailing County: San Bernardino (909) 563-5622 Mailing Phone:

Waste Tire Permit Summary: No Permit record for this business.

#### HAZNET:

S106718416 envid: 2015 Year:

GEPAID: CAL000381129 Contact: STEPHEN HALEY Telephone: 9095635678 Mailing Name: Not reported Mailing Address: PO BOX 747 Mailing City, St, Zip: CHINO, CA 91708 Gen County: San Bernardino TSD EPA ID: CAD982444481 TSD County: San Bernardino Waste Category: Other organic solids

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.15

Other organic solids Cat Decode:

Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery Method Decode:

(H010-H129) Or (H131-H135)

Facility County: San Bernardino

envid: S106718416 2015 Year:

GEPAID: CAL000381129

Direction Distance

Elevation Site Database(s) EPA ID Number

# GARDNER TRUCKING, INC. (Continued)

S106718416

**EDR ID Number** 

Contact: STEPHEN HALEY Telephone: 9095635678 Mailing Name: Not reported PO BOX 747 Mailing Address: Mailing City, St, Zip: CHINO, CA 91708 Gen County: San Bernardino TSD EPA ID: CAD982444481 TSD County: San Bernardino

Waste Category: Aqueous solution with total organic residues less than 10 percent Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.525

Cat Decode: Aqueous solution with total organic residues less than 10 percent Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Facility County: San Bernardino

envid: \$106718416 Year: 2015

GEPAID: CAL000381129 Contact: STEPHEN HALEY Telephone: 9095635678 Mailing Name: Not reported Mailing Address: PO BOX 747 Mailing City, St, Zip: CHINO, CA 91708 Gen County: San Bernardino TSD EPA ID: CAD028409019 TSD County: Los Angeles Waste Category: Tank bottom waste

Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without

Treatment)

Tons: 1.251

Cat Decode: Tank bottom waste

Method Decode: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without

Treatment)

Facility County: San Bernardino

envid: \$106718416 Year: 2015

GEPAID: CAC002823126
Contact: JAMES SALTER
Telephone: 7149815878
Mailing Name: Not reported

Mailing Address: 6825 ROSECRANS AVE
Mailing City,St,Zip: PARAMOUNT, CA 907232536

Gen County: San Bernardino
TSD EPA ID: CAD028409019
TSD County: Los Angeles

Waste Category: Unspecified oil-containing waste

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 4.75

Cat Decode: Unspecified oil-containing waste

Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Facility County: San Bernardino

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# **GARDNER TRUCKING, INC. (Continued)**

S106718416

envid: S106718416 Year: 2013 CAL000381129 GEPAID:

Contact: STEPHEN HALEY Telephone: 9095635678 Mailing Name: Not reported Mailing Address: PO BOX 747 Mailing City,St,Zip: CHINO, CA 91708 Gen County: San Bernardino TSD EPA ID: CAD982444481 San Bernardino TSD County: Waste Category: Not reported

Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery Disposal Method:

(H010-H129) Or (H131-H135)

Tons: 0.15 Cat Decode: Not reported Method Decode: Not reported Facility County: Not reported

> Click this hyperlink while viewing on your computer to access 2 additional CA\_HAZNET: record(s) in the EDR Site Report.

San Bern. Co. Permit:

SAN BERNARDINO Region:

Facility ID: FA0005529 Owner: LANTING INC. Permit Number: PT0008636

Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS

Facility Status: **ACTIVE** Expiration Date: 08/31/2016

Region: SAN BERNARDINO Facility ID: FA0005529 Owner: LANTING INC. Permit Number: PT0008638

Permit Category: APSA 1,320-10,000 GAL FAC CAPACITY

Facility Status: **ACTIVE** Expiration Date: 08/31/2016

SAN BERNARDINO Region: Facility ID: FA0005529 Owner: LANTING INC. Permit Number: PT0008637

Permit Category: SMALL QUANTITY GENERATOR

Facility Status: **ACTIVE** Expiration Date: 08/31/2016

SAN BERNARDINO Region: Facility ID: FA0005529

Owner: LANTING INC. Permit Number: PT0020320 Permit Category: EPCRA FACILITY Facility Status: **INACTIVE** Expiration Date: 08/31/2013

Direction Distance

Elevation Site Database(s) EPA ID Number

D20 R J LANTING HAY DEALER INC RCRA-SQG 1000819670
ESE 9032 MERRILL AVE FINDS CAD983656661

CHINO, CA 91710 ECHO

< 1/8 0.119 mi.

626 ft. Site 2 of 2 in cluster D

Relative: RCRA-SQG:

**Lower** Date form received by agency: 01/08/1993

Facility name: R J LANTING HAY DEALER INC

Actual: Facility address: 9032 MERRILL AVE 669 ft. 9032 MERRILL AVE CHINO, CA 91710

EPA ID: CAD983656661

Mailing address: MERRILL AVE
CHINO, CA 91710

Contact: RON LANTING
Contact address: 9032 MERRILL AVE

CHINO, CA 91710

Contact country: US

Contact telephone: (909) 930-5600 Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: RONALD LANTING
Owner/operator address: 9032 MERRILL AVE

CHINO, CA 91710

Owner/operator country: Not reported
Owner/operator telephone: (909) 930-5600

Legal status: Private
Owner/Operator Type: Owner

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Violation Status: No violations found

**EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### R J LANTING HAY DEALER INC (Continued)

1000819670

FINDS:

Registry ID: 110002890550

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.

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.

ECHO:

Envid: 1000819670 Registry ID: 110002890550

DFR URL: http://echo.epa.gov/detailed\_facility\_report?fid=110002890550

21 **ALEWYN DAIRY #2 ENF** S108536396 **ENE** 9031 EUCALYPTUS San Bern. Co. Permit N/A

1/8-1/4 0.177 mi.

ONTARIO, CA 91761

932 ft.

683 ft.

ENF: Relative: Region:

Higher Facility Id: 204959 Actual: Agency Name: Not reported

Place Type: Growing Place Subtype: Animal Feeding Facility Type: Agricultural Not reported Agency Type: # Of Agencies: Not reported Place Latitude: 33.990564 Place Longitude: -117.608331

SIC Code 1: 241

SIC Desc 1: Dairy Farms 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 Not reported NAICS Code 3: NAICS Desc 3: Not reported

# Of Places:

Source Of Facility: Enf Action Design Flow: Not reported Threat To Water Quality: Not reported Not reported Complexity:

Map ID MAP FINDINGS
Direction

Elevation Site

Distance

Site Database(s) EPA ID Number

# **ALEWYN DAIRY #2 (Continued)**

S108536396

**EDR ID Number** 

Pretreatment: Not reported Solid wastes, NEC Facility Waste Type: Facility Waste Type 2: Stormwater runoff Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported **ANIWSTCOWS** Program: Program Category1: ANIMALWASTE Program Category2: **ANIMALWASTE** 

# Of Programs:

WDID: Not reported
Reg Measure Id: 332712
Reg Measure Type: NPDES Permits

Region: 8

Order #: R8-2007-0001 Npdes# CA#: CAG018001 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: 12/24/2013 Effective Date: 09/07/2007 Expiration/Review Date: 09/06/2012 Termination Date: 06/06/2013 WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported

Status Enrollee: N Individual/General: G

WDR Review - Pending: WDR Review - Planned:

Fee Code:
Direction/Voice:
Enforcement Id(EID):
Region:

Not reported
Passive
347253
88

Order / Resolution Number: Not reported
Enforcement Action Type: Oral Communication

Not reported

Not reported

Effective Date: 11/02/2001 Adoption/Issuance Date: Not reported Achieve Date: Not reported 11/02/2001 Termination Date: Not reported ACL Issuance Date: Not reported EPL Issuance Date: Status: Historical Title: Oral Comm.. Description: Not reported Program: **ANIWSTCOWS** 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

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**ALEWYN DAIRY #2 (Continued)** 

S108536396

Project \$ Completed: 0 Total \$ Paid/Completed Amount: 0

San Bern. Co. Permit:

SAN BERNARDINO Region:

Facility ID: FA0010966

JACK & ELANE ALEWYN Owner:

Permit Number: PT0018906

Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES

Facility Status: **INACTIVE** Expiration Date: 05/31/2013

SAN BERNARDINO Region:

Facility ID: FA0000487

Owner: HIGHSTREET DAIRY

Permit Number: PT0003719

Permit Category: HAZMAT HANDLER - AGRICULTURAL(FE)

Facility Status: **INACTIVE** Expiration Date: 03/31/1991

22 **MAJESTIC FARMS #1 ENF** S108724299 **14333 WALKER** San Bern. Co. Permit N/A

NW 1/8-1/4 0.195 mi.

**ONTARIO, CA 91762** 

1029 ft. ENF:

Relative: Higher Region: Facility Id: 239249

Actual: Agency Name: Struikmans, Henry 683 ft.

Growing Place Type: Place Subtype: Animal Feeding Facility Type: Agricultural

Agency Type: **Privately-Owned Business** 

# Of Agencies:

Place Latitude: 33.993203 Place Longitude: -117.618212 SIC Code 1: 241

SIC Desc 1: Dairy Farms 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:

Source Of Facility: Reg Meas Design Flow: 0.0001 Threat To Water Quality: 2 Complexity: С

Pretreatment: X - Facility is not a POTW Facility Waste Type: Solid wastes, NEC Facility Waste Type 2: Stormwater runoff

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# MAJESTIC FARMS #1 (Continued)

S108724299

Facility Waste Type 3: Not reported Not reported Facility Waste Type 4: **ANIWSTCOWS** Program: Program Category1: **ANIMALWASTE** Program Category2: **ANIMALWASTE** 

# Of Programs:

WDID: 8 365236002 Reg Measure Id: 211615 Reg Measure Type: Enrollee Region:

R8-2013-0001 Order #: Npdes# CA#: CAG018001 Major-Minor: Minor Npdes Type: Not reported Reclamation: N - No Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Active Status Date: 01/26/2010 Effective Date: 06/09/1978 Expiration/Review Date: 06/01/2018 Not reported Termination Date: 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: Individual/General:

Fee Code: 10 - Confined animal feeding facility

Direction/Voice: Passive Enforcement Id(EID): 391902 Region:

Order / Resolution Number: Not reported **Enforcement Action Type: Oral Communication** 

Effective Date: 08/09/2012 Adoption/Issuance Date: 08/09/2012 Achieve Date: Not reported Termination Date: 08/09/2012 ACL Issuance Date: Not reported **EPL Issuance Date:** Not reported Status: Historical

Title: Oral Com 08/09/2012 for Struikmans, Henry

Description: Not reported Program: **ANIWSTCOWS** Latest Milestone Completion Date: Not reported

# Of Programs1: 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

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### MAJESTIC FARMS #1 (Continued)

S108724299

San Bern. Co. Permit:

SAN BERNARDINO Region:

Facility ID: FA0011051

Owner: STRUIKMAN, NICHOLAS

Permit Number: PT0019049

Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES

Facility Status: INACTIVE Expiration Date: 07/31/2009

2006

23 wsw 1/8-1/4 0.198 mi. J & D STAR DAIRY #1 8315 MERRILL AVE CHINO, CA 91710

EMI S104857882 San Bern. Co. Permit N/A

**WDS** 

1043 ft.

EMI: Relative: Year: Lower

County Code: 36 Actual: Air Basin: SC 656 ft. Facility ID: 148675 Air District Name: SC SIC Code: 241

SOUTH COAST AQMD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 4.813677278578396698

Reactive Organic Gases Tons/Yr: 3.363 Carbon Monoxide Emissions Tons/Yr: .003 NOX - Oxides of Nitrogen Tons/Yr: .012 SOX - Oxides of Sulphur Tons/Yr: 0 Particulate Matter Tons/Yr: 1.122 Part. Matter 10 Micrometers and Smllr Tons/Yr:.5495053

2007 Year: County Code: 36 Air Basin: SC Facility ID: 148675 Air District Name: SC SIC Code: 241

SOUTH COAST AQMD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 4.813677278578396698

Reactive Organic Gases Tons/Yr: 3.363 Carbon Monoxide Emissions Tons/Yr: .003 NOX - Oxides of Nitrogen Tons/Yr: .012 SOX - Oxides of Sulphur Tons/Yr: 0 Particulate Matter Tons/Yr: 1.122 Part. Matter 10 Micrometers and Smllr Tons/Yr:.5495053

2008 Year: County Code: 36 SC Air Basin: Facility ID: 155418 Air District Name: SC SIC Code: 241

Air District Name: SOUTH COAST AQMD Map ID MAP FINDINGS
Direction

Direction Distance Elevation

tion Site Database(s) EPA ID Number

# J & D STAR DAIRY #1 (Continued)

S104857882

**EDR ID Number** 

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 6.341253936444317205

Reactive Organic Gases Tons/Yr: 4.43
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1.16
Part. Matter 10 Micrometers and Smllr Tons/Yr:.567588

 Year:
 2009

 County Code:
 36

 Air Basin:
 SC

 Facility ID:
 155418

 Air District Name:
 SC

 SIC Code:
 241

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 6.3126252505010001 Reactive Organic Gases Tons/Yr: 4.4100000000000001

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0

 Year:
 2010

 County Code:
 36

 Air Basin:
 SC

 Facility ID:
 155418

 Air District Name:
 SC

 SIC Code:
 241

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System:
Consolidated Emission Reporting Rule:
Not reported
Not reported
Not reported
6.2142141425708504
Reactive Organic Gases Tons/Yr:
4.3412499999999996

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1.14632

Part. Matter 10 Micrometers and Smllr Tons/Yr:0.56089437600000003

 Year:
 2011

 County Code:
 36

 Air Basin:
 SC

 Facility ID:
 155418

 Air District Name:
 SC

 SIC Code:
 241

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 6.2417692528 Reactive Organic Gases Tons/Yr: 4.3605

Reactive Organic Gases Tons/Yr: 4.3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# J & D STAR DAIRY #1 (Continued)

S104857882

SOX - Oxides of Sulphur Tons/Yr: 1.15344 Particulate Matter Tons/Yr: Part. Matter 10 Micrometers and Smllr Tons/Yr:0.564378192

Year: 2012 County Code: 36 Air Basin: SC Facility ID: 155418 Air District Name: SC SIC Code: 241

SOUTH COAST AQMD Air District Name:

Not reported Community Health Air Pollution Info System: Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 6.2417692528 Reactive Organic Gases Tons/Yr: 4.3605 Carbon Monoxide Emissions Tons/Yr: NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: 0 Particulate Matter Tons/Yr: 1.15344 Part. Matter 10 Micrometers and Smllr Tons/Yr:0.564378192

Year: 2013 County Code: 36 Air Basin: SC Facility ID: 155418 Air District Name: SC SIC Code: 241

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 6.1664107218

Reactive Organic Gases Tons/Yr: 4.417 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: 0 Particulate Matter Tons/Yr: 1.16768 Part. Matter 10 Micrometers and Smllr Tons/Yr:0.571345824

2014 Year: County Code: 36 Air Basin: SC Facility ID: 155418 Air District Name: SC SIC Code: 241

SOUTH COAST AQMD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 56.042625 Reactive Organic Gases Tons/Yr: 4.48341 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: Particulate Matter Tons/Yr: 1.18192

Part. Matter 10 Micrometers and Smllr Tons/Yr:0.569449056

San Bern. Co. Permit:

SAN BERNARDINO Region:

Direction Distance

Elevation Site Database(s) EPA ID Number

# J & D STAR DAIRY #1 (Continued)

S104857882

**EDR ID Number** 

Facility ID: FA0000481

Owner: HARRY WIERSEMA DAIRY

Permit Number: PT0003992

Permit Category: HAZMAT HANDLER - AGRICULTURAL(FE)

Facility Status: INACTIVE Expiration Date: 10/31/1988

WDS:

Facility ID: Santa Ana River 365839001

Facility Type: Agricultural - Facility that treats and/or disposes of the wastes

associated with confined and concentrated animal feeding, confined animal feeding, confined animal holding, confined and concentrated aquatic animal production facilities, and aquaculture. the treatment and/or disposal of agricultural return water is included in this

category.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is

under Waste Discharge Requirements.

NPDES Number: CAG018001 The 1st 2 characters designate the state. The remaining 7

are assigned by the Regional Board

Subregion: 8

Facility Telephone: 9095978687

Facility Contact: CHARLES VAN DER KOOI
Agency Name: VAN DER KOOI CHARLES
Agency Address: 8315 MERRILL AVENUE

Agency City, St, Zip: CHINO 91710

Agency Contact: CHARLES VAN DER KOOI

Agency Telephone: Not reported Agency Type: Private SIC Code: 241

SIC Code 2: Not reported

Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to

water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Primary Waste: STORMS

Waste Type2: D

Waste2: Stormwater Runoff

Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to

water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Secondary Waste: Solid Wastes

Secondary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to

water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Design Flow: 0
Baseline Flow: 0

Reclamation: No reclamation requirements associated with this facility.

POTW: The facility is not a POTW.

Treat To Water: Moderate Threat to Water Quality. A violation could have a major

adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance

from a waste treatment facility.

Complexity: Category C - Facilities having no waste treatment systems, such as

cooling water dischargers or thosewho must comply through best

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### J & D STAR DAIRY #1 (Continued)

S104857882

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.

24 **HALF & HALF DAIRY ENF** S108536446 WNW 14651 GROVE AVE San Bern. Co. Permit N/A

1/8-1/4 0.219 mi. 1157 ft.

ENF: Relative: Region: Lower

**ONTARIO, CA 91762** 

Facility Id: 229503 Actual: Agency Name: Borba, Joe & Lindsey

673 ft. Place Type: Growing Place Subtype: Animal Feeding Facility Type: Agricultural

> Agency Type: **Privately-Owned Business**

# Of Agencies:

Place Latitude: 33.989774 Place Longitude: -117.623036 SIC Code 1: 241

SIC Desc 1: Dairy Farms 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: Source Of Facility: Reg Meas 0.0001 Design Flow: Threat To Water Quality: Complexity:

Pretreatment: X - Facility is not a POTW Facility Waste Type: Solid wastes, NEC Facility Waste Type 2: Stormwater runoff Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported **ANIWSTCOWS** Program: Program Category1: **ANIMALWASTE** 

ANIMALWASTE

# Of Programs:

Program Category2:

WDID: 8 365293001 Reg Measure Id: 211630 Reg Measure Type: Enrollee Region: Order #: 99-011 Npdes# CA#: CAG018001 Major-Minor: Not reported Npdes Type: Not reported Reclamation: N - No Dredge Fill Fee: Not reported

Direction Distance Elevation

on Site Database(s) EPA ID Number

# HALF & HALF DAIRY (Continued)

S108536446

**EDR ID Number** 

301H: Not reported Application Fee Amt Received: Not reported Status: Historical Status Date: 02/02/2006 Effective Date: 09/10/1982 Expiration/Review Date: 02/02/2006 Termination Date: 02/02/2006 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: \text{\text{Individual/General:}}

Fee Code: 10 - Confined animal feeding facility

Direction/Voice: Passive
Enforcement Id(EID): 391908
Region: 8

Order / Resolution Number: Not reported

Enforcement Action Type: Oral Communication
Effective Date: 04/10/2013

Adoption/Issuance Date: 04/10/2013
Achieve Date: Not reported
Termination Date: 04/10/2013
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Oral Com 04/10/2013 for Borba, Joe

Description:
Program:
ANIWSTCOWS
Latest Milestone Completion Date:
Not reported
Not reported

# 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

Region: 8 Facility Id: 229503

Agency Name: Borba, Joe & Lindsey

Place Type: Growing
Place Subtype: Animal Feeding
Facility Type: Agricultural

Agency Type: Privately-Owned Business

Not reported

# Of Agencies:

SIC Desc 3:

Place Latitude: 33.989774
Place Longitude: -117.623036

SIC Code 1: 241
SIC Desc 1: Dairy Farms
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported

MAP FINDINGS Map ID Direction

Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# **HALF & HALF DAIRY (Continued)**

S108536446

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:

Source Of Facility: Reg Meas Design Flow: 0.0001 Threat To Water Quality: Complexity: C

Pretreatment: X - Facility is not a POTW Facility Waste Type: Solid wastes, NEC Facility Waste Type 2: Stormwater runoff Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: **ANIWSTCOWS ANIMALWASTE** Program Category1: Program Category2: **ANIMALWASTE** 

# Of Programs:

WDID: 8 365293001 Reg Measure Id: 211630 Reg Measure Type: Enrollee Region: Order #: 99-011 CAG018001 Npdes# CA#: Major-Minor: Not reported Npdes Type: Not reported N - No Reclamation: Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Historical Status Date: 02/02/2006 09/10/1982 Effective Date: Expiration/Review Date: 02/02/2006

WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported Not reported WDR Review - Pending: WDR Review - Planned: Not reported

Status Enrollee: Individual/General:

Termination Date:

Fee Code: 10 - Confined animal feeding facility

02/02/2006

Direction/Voice: Passive 391885 Enforcement Id(EID): Region:

Order / Resolution Number: Not reported Enforcement Action Type: **Oral Communication** 

Effective Date: 04/10/2013 04/10/2013 Adoption/Issuance Date: Achieve Date: Not reported Termination Date: 04/10/2013 ACL Issuance Date: Not reported **EPL Issuance Date:** Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# **HALF & HALF DAIRY (Continued)**

S108536446

Status: Historical

Title: Oral Com 04/10/2013 for Borba, Joe

Not reported Description: Program: ANIWSTCOWS Latest Milestone Completion Date: Not reported

# Of Programs1: **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

Region: 8 Facility Id: 229503

Agency Name: Gerben Hettinga Place Type: Growing Place Subtype: Animal Feeding Facility Type: Agricultural

Agency Type: **Privately-Owned Business** 

Not reported

# Of Agencies: Place Latitude: 33.989774 Place Longitude: -117.623036

SIC Code 1: 241 SIC Desc 1: Dairy Farms 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

Not reported # Of Places:

NAICS Code 3:

NAICS Desc 3:

Source Of Facility: Reg Meas Not reported Design Flow: Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Solid wastes, NEC Facility Waste Type: Facility Waste Type 2: Stormwater runoff Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: **ANIWSTCOWS** Program Category1: **ANIMALWASTE** 

Program Category2: **ANIMALWASTE** # Of Programs:

WDID: 8 365963001 Reg Measure Id: 349895 Reg Measure Type: Enrollee Region:

R8-2013-0001 Order #: Npdes# CA#: CAG018001 Major-Minor: Minor

Direction Distance Elevation

Site Database(s) **EPA ID Number** 

# **HALF & HALF DAIRY (Continued)**

S108536446

**EDR ID Number** 

Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: 2500 Active Status: Status Date: 08/28/2008 09/04/2008 Effective Date: Expiration/Review Date: 06/01/2018 Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported

Status Enrollee: Individual/General:

Fee Code: 10 - Confined animal feeding facility

Direction/Voice: **Passive** Enforcement Id(EID): 360913 Region: 8

Order / Resolution Number: Not reported **Enforcement Action Type:** Notice of Violation 01/30/2009 Effective Date: Adoption/Issuance Date: 01/30/2009 Achieve Date: Not reported Termination Date: 01/30/2009 ACL Issuance Date: Not reported EPL Issuance Date: Not reported Historical

Title: Notice of Violation for Hettinga, Gerben

Description: Not reported ANIWSTCOWS Program: Latest Milestone Completion Date: Not reported

# Of Programs1: **Total Assessment Amount:** 0 Initial Assessed Amount: 0 Liability \$ Amount: 0 Project \$ Amount: n Liability \$ Paid: 0 Project \$ Completed: 0 Total \$ Paid/Completed Amount: 0

Status:

Region: 8 229503 Facility Id: Agency Name: Not reported Place Type: Growing Place Subtype: Animal Feeding Facility Type: Agricultural Agency Type: Not reported # Of Agencies: Not reported 33.989774 Place Latitude: Place Longitude: -117.623036 SIC Code 1: 241

SIC Desc 1: Dairy Farms SIC Code 2: Not reported Map ID MAP FINDINGS
Direction

Distance Elevation

tion Site Database(s) EPA ID Number

Not reported

Not reported

# HALF & HALF DAIRY (Continued)

Order #:

Npdes# CA#:

S108536446

**EDR ID Number** 

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 Not reported NAICS Code 2: NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported # Of Places:

Source Of Facility: Enf Action 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: **ANIMALWASTE** # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Region: Not reported

Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Not reported Application Fee Amt Received: Not reported Status: Status Date: Not reported Effective Date: Not reported Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported Not reported WDR Review - Revise/Renew: WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported

Status Enrollee:

Individual/General:

Fee Code:

Direction/Voice:

Enforcement Id(EID):

Region:

Order / Resolution Number:

Not reported

Not reported

239640

8

R8-2005-0036

Enforcement Action Type: Admin Civil Liability
Effective Date: 04/13/2005
Adoption/Issuance Date: Not reported
Achieve Date: Not reported

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### **HALF & HALF DAIRY (Continued)**

S108536446

Termination Date: 05/17/2005 ACL Issuance Date: Not reported **EPL Issuance Date:** Not reported Status: Historical

Title: ACLC R8-2005-0083 for Joe Borba

Description: Prohibited disposal of manure on pastureland not previously

used to grow crops.

**ANIWSTCOWS** Program: Latest Milestone Completion Date: 5/17/2005

# Of Programs1:

**Total Assessment Amount:** 50000 Initial Assessed Amount: 0 Liability \$ Amount: 25000 Project \$ Amount: Liability \$ Paid: 25000 Project \$ Completed: Total \$ Paid/Completed Amount: 25000

San Bern. Co. Permit:

SAN BERNARDINO Region:

Facility ID: FA0000476

Owner: JOE BORBA & M HARDISTY

Permit Number: PT0018881

Permit Category: HAZARDOUS WASTE GENERATOR - 0-10 EMPLOYEES

Facility Status: **INACTIVE** Expiration Date: 07/31/2006

Region: SAN BERNARDINO

Facility ID: FA0000476

JOE BORBA & M HARDISTY Owner:

Permit Number: PT0018882

Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES (W/GEN PRMT)

Facility Status: INACTIVE Expiration Date: 07/31/2006

**TILLEMA & VANDER MEULEN DAIRY** 

14761 CARPENTER SE 1/8-1/4 ONTARIO, CA 0

**ENF** S106571513 San Bern. Co. Permit N/A **WDS** 

0.222 mi. 1173 ft.

25

ENF: Relative:

Region: Lower Facility Id:

264514 Actual: Agency Name: Vander Meulen, Dickie

666 ft. Place Type: Growing

Place Subtype: Animal Feeding Facility Type: Agricultural

Agency Type: **Privately-Owned Business** 

# Of Agencies:

33.985356 Place Latitude: Place Longitude: -117.606697 SIC Code 1: 241

SIC Desc 1: Dairy Farms SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### **TILLEMA & VANDER MEULEN DAIRY (Continued)**

S106571513

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:

Source Of Facility: Reg Meas Design Flow: Threat To Water Quality: 2 Complexity: С

X - Facility is not a POTW Pretreatment: Facility Waste Type: Solid wastes, NEC Facility Waste Type 2: Stormwater runoff Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported

**ANIWSTCOWS** Program: Program Category1: **ANIMALWASTE** Program Category2: ANIMALWASTE

# Of Programs:

301H:

Application Fee Amt Received:

WDR Review - Planned:

WDID: 8 365918001 Reg Measure Id: 211877 Reg Measure Type: Enrollee

Region: Order #: R8-2013-0001 Npdes# CA#: CAG018001 Major-Minor: Minor Npdes Type: Not reported Reclamation: N - No Dredge Fill Fee: Not reported

Status: Active 07/26/2004 Status Date: 07/26/2004 Effective Date: Expiration/Review Date: 06/01/2018 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

Status Enrollee: Υ Individual/General:

Fee Code: 10 - Confined animal feeding facility

Not reported

Not reported

1308

Direction/Voice: **Passive** 392025 Enforcement Id(EID): Region:

Order / Resolution Number: Not reported Enforcement Action Type: **Oral Communication** 

04/11/2013 Effective Date: Adoption/Issuance Date: 04/11/2013 Achieve Date: Not reported 04/11/2013 Termination Date: ACL Issuance Date: Not reported Map ID MAP FINDINGS

Direction Distance Elevation

vation Site Database(s) EPA ID Number

### **TILLEMA & VANDER MEULEN DAIRY (Continued)**

S106571513

**EDR ID Number** 

EPL Issuance Date: Not reported Status: Historical

Title: Oral Com 04/11/2013 for Vander Meulen, Dickie

8

264514

Not reported

Description:
Program:
ANIWSTCOWS
Latest Milestone Completion Date:
Not reported
Not reported

# 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

Region:

Facility Id:

Agency Name:

# Of Places:

Place Type: Growing Animal Feeding Place Subtype: Facility Type: Agricultural Agency Type: Not reported # Of Agencies: Not reported Place Latitude: 33.985356 -117.606697 Place Longitude: SIC Code 1: 241 SIC Desc 1: **Dairy Farms** 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

Source Of Facility: Enf Action Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Solid wastes, NEC Facility Waste Type 2: Stormwater runoff Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported **ANIWSTCOWS** Program: Program Category1: ANIMALWASTE Program Category2: **ANIMALWASTE** # Of Programs:

WDID: Not reported
Reg Measure Id: 332712
Reg Measure Type: NPDES Permits
Region: 8

Order #: R8-2007-0001
Npdes# CA#: CAG018001

Map ID MAP FINDINGS

Direction Distance Elevation

vation Site Database(s) EPA ID Number

### TILLEMA & VANDER MEULEN DAIRY (Continued)

S106571513

**EDR ID Number** 

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 12/24/2013 Status Date: Effective Date: 09/07/2007 Expiration/Review Date: 09/06/2012 06/06/2013 Termination Date: WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported Not reported WDR Review - No Action Required: WDR Review - Pending: Not reported WDR Review - Planned: Not reported

Status Enrollee: N Individual/General: G

Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 347355
Region: 8

Order / Resolution Number: Not reported

Enforcement Action Type: Oral Communication

07/26/2004 Effective Date: Adoption/Issuance Date: Not reported Achieve Date: Not reported 07/26/2004 Termination Date: ACL Issuance Date: Not reported EPL Issuance Date: Not reported Status: Historical Title: Oral Comm.. Description: Not reported ANIWSTCOWS Program: 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
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

San Bern. Co. Permit:

Region: SAN BERNARDINO

Facility ID: FA0000672

Owner: DICKIE VANDERMEULEN

Permit Number: PT0008751

Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS

Facility Status: ACTIVE Expiration Date: 04/30/2017

Region: SAN BERNARDINO

Facility ID: FA0000672

Owner: DICKIE VANDERMEULEN

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

### TILLEMA & VANDER MEULEN DAIRY (Continued)

S106571513

**EDR ID Number** 

Permit Number: PT0008752

Permit Category: SPECIAL GENERATOR

Facility Status: INACTIVE Expiration Date: 04/30/1997

WDS:

Facility ID: Santa Ana River 365918001

Facility Type: Agricultural - Facility that treats and/or disposes of the wastes

associated with confined and concentrated animal feeding, confined animal feeding, confined animal holding, confined and concentrated aquatic animal production facilities, and aquaculture. the treatment and/or disposal of agricultural return water is included in this

category.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is

under Waste Discharge Requirements.

NPDES Number: CAG018001 The 1st 2 characters designate the state. The remaining 7

are assigned by the Regional Board

Subregion:

Facility Telephone: 9099233997

Facility Contact: DICK VANDER MEULEN
Agency Name: VANDER MEULEN DICK
Agency Address: 14761 CARPENTER
Agency City, St, Zip: ONTARIO 91761

Agency Contact: DICK VANDER MEULEN

Agency Telephone: 9099233997 Agency Type: Private SIC Code: 241 SIC Code 2: Not reported

Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to

water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Primary Waste: STORMS

Waste Type2: D

Waste2: Stormwater Runoff

Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to

water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Secondary Waste: Solid Wastes

Secondary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to

water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Design Flow: 0
Baseline Flow: 0

Reclamation: No reclamation requirements associated with this facility.

POTW: The facility is not a POTW.

Treat To Water: Moderate Threat to Water Quality. A violation could have a major

adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance

from a waste treatment facility.

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

Map ID		MAP FINDINGS		
Direction	· ·			
Distance				EDR ID Number
Elevation	Site		Database(s)	EPA ID Number

## TILLEMA & VANDER MEULEN DAIRY (Continued)

S106571513

dischargers having waste storage systems with land disposal such as dairy waste ponds.

Count: 10 records. ORPHAN SUMMARY

City	EDR ID Site Name	Site Address	Zip	Database(s)
CHINO	S107539760	ON CARPENTER RD,1/8 MI S OF ME	91710	CDL
ONTARIO	S107533176	3500 BLOCK OF EUCALYPTUS	91761	CDL
ONTARIO	S107537995	CARPENTER 100 YDS S OF MERRILL		CDL
ONTARIO	S107538042	CHINO AVE, BETW WALKER & ARCHI		CDL
ONTARIO	S107538085	CLEVELAND, NORTH OF EUCALYPTUS		CDL
ONTARIO	S107538467	EUCALYPTUS ST/SUMNER ST		CDL
ONTARIO	S107538463	EUCALYPTUS AND MILLIKEN ST	91762	CDL
ONTARIO	S107538468	EUCALYPTUS W OF BON VIEW	91761	CDL
ONTARIO	S107539821	ON EUCALYPTUS, 3/4 MI E OF ARC	91762	CDL
ONTARIO	S107541120	WALKER ST. SOUTH OF EDISON	91761	CDL

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: 12/05/2016 Source: EPA
Date Data Arrived at EDR: 01/05/2017 Telephone: N/A

Number of Days to Update: 29 Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Quarterly

**NPL Site Boundaries** 

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

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: 12/05/2016 Source: EPA
Date Data Arrived at EDR: 01/05/2017 Telephone: N/A

Number of Days to Update: 29 Next Scheduled EDR Contact: 04/17/2017
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.

Source: EPA

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

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: 12/05/2016 Date Data Arrived at EDR: 01/05/2017 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 29

Source: EPA Telephone: N/A

Last EDR Contact: 01/05/2017 Next Scheduled EDR Contact: 04/17/2017 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: 09/14/2016 Date Data Arrived at EDR: 10/04/2016 Date Made Active in Reports: 10/21/2016

Number of Days to Update: 17

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 01/05/2017

Next Scheduled EDR Contact: 04/17/2017 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: 10/10/2016 Date Data Arrived at EDR: 10/20/2016 Date Made Active in Reports: 01/06/2017

Number of Days to Update: 78

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 01/06/2017

Next Scheduled EDR Contact: 05/01/2017 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: 10/10/2016 Date Data Arrived at EDR: 10/20/2016 Date Made Active in Reports: 01/06/2017

Number of Days to Update: 78

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 01/06/2017

Next Scheduled EDR Contact: 05/01/2017 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: 12/12/2016 Date Data Arrived at EDR: 12/28/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 44

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017 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: 12/12/2016 Date Data Arrived at EDR: 12/28/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017 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: 12/12/2016 Date Data Arrived at EDR: 12/28/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017 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: 12/12/2016 Date Data Arrived at EDR: 12/28/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017 Data Release Frequency: Quarterly

### RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/12/2016 Date Data Arrived at EDR: 12/28/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017 Data Release Frequency: Varies

### 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: 05/28/2015 Date Data Arrived at EDR: 05/29/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 13

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 02/13/2017

Next Scheduled EDR Contact: 05/29/2017 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: 11/15/2016 Date Data Arrived at EDR: 11/29/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 66

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 11/29/2016

Next Scheduled EDR Contact: 03/13/2017 Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

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: 11/15/2016 Date Data Arrived at EDR: 11/29/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 66

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 11/29/2016

Next Scheduled EDR Contact: 03/13/2017 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: 09/26/2016 Date Data Arrived at EDR: 09/29/2016 Date Made Active in Reports: 11/11/2016

Number of Days to Update: 43

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017 Data Release Frequency: Annually

### 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: 10/31/2016 Date Data Arrived at EDR: 11/01/2016 Date Made Active in Reports: 01/18/2017

Number of Days to Update: 78

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/31/2017

Next Scheduled EDR Contact: 05/08/2017 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: 10/31/2016 Date Data Arrived at EDR: 11/01/2016 Date Made Active in Reports: 01/18/2017

Number of Days to Update: 78

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/31/2017

Next Scheduled EDR Contact: 05/08/2017 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 inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/14/2016 Date Data Arrived at EDR: 11/15/2016 Date Made Active in Reports: 01/20/2017

Number of Days to Update: 66

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320 Last EDR Contact: 02/15/2017

Next Scheduled EDR Contact: 05/29/2017 Data Release Frequency: Quarterly

### State and tribal leaking storage tank lists

#### LUST: Geotracker's Leaking Underground Fuel Tank Report

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: 12/12/2016 Date Data Arrived at EDR: 12/14/2016 Date Made Active in Reports: 01/20/2017

Number of Days to Update: 37

Source: State Water Resources Control Board

Telephone: see region list Last EDR Contact: 12/14/2016

Next Scheduled EDR Contact: 03/27/2017 Data Release Frequency: Quarterly

#### LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Telephone: 805-542-4786

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

Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

### 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)

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 510-622-2433 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 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

### 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 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 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 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 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 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 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: 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: 01/07/2016 Date Data Arrived at EDR: 01/08/2016 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 41

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Quarterly

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: 02/25/2016 Date Data Arrived at EDR: 04/27/2016 Date Made Active in Reports: 06/03/2016

Number of Days to Update: 37

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Quarterly

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: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016

Number of Days to Update: 118

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015 Date Data Arrived at EDR: 02/12/2016 Date Made Active in Reports: 06/03/2016

Number of Days to Update: 112

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017 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: 12/11/2015 Date Data Arrived at EDR: 02/19/2016 Date Made Active in Reports: 06/03/2016

Number of Days to Update: 105

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017 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: 02/05/2016 Date Data Arrived at EDR: 04/29/2016 Date Made Active in Reports: 06/03/2016

Number of Days to Update: 35

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 01/24/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Semi-Annually

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: 10/27/2015 Date Data Arrived at EDR: 10/29/2015 Date Made Active in Reports: 01/04/2016

Number of Days to Update: 67

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017 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: 02/17/2016 Date Data Arrived at EDR: 04/27/2016 Date Made Active in Reports: 06/03/2016

Number of Days to Update: 37

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017

Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

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: 12/12/2016 Date Data Arrived at EDR: 12/14/2016 Date Made Active in Reports: 01/23/2017

Number of Days to Update: 40

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/14/2016

Next Scheduled EDR Contact: 03/27/2017 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: Quarterly

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: Semi-Annually

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: Varies

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: Semi-Annually

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: Semi-Annually

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: Semi-Annually

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: Annually

### 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: 01/01/2010 Date Data Arrived at EDR: 02/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 01/23/2017

Next Scheduled EDR Contact: 04/24/2017 Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/12/2016 Date Data Arrived at EDR: 09/14/2016 Date Made Active in Reports: 10/14/2016

Number of Days to Update: 30

Source: SWRCB Telephone: 916-341-5851 Last EDR Contact: 12/15/2016

Next Scheduled EDR Contact: 03/27/2017 Data Release Frequency: Semi-Annually

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: 12/22/2016

Next Scheduled EDR Contact: 04/10/2017 Data Release Frequency: Quarterly

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: 01/26/2016 Date Data Arrived at EDR: 02/05/2016 Date Made Active in Reports: 06/03/2016

Number of Days to Update: 119

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Quarterly

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: 09/23/2014 Date Data Arrived at EDR: 11/25/2014 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 65

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017 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: 12/03/2015 Date Data Arrived at EDR: 02/04/2016 Date Made Active in Reports: 06/03/2016

Number of Days to Update: 120

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Semi-Annually

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: 10/20/2015 Date Data Arrived at EDR: 10/29/2015 Date Made Active in Reports: 01/04/2016

Number of Days to Update: 67

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017 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: 02/05/2016 Date Data Arrived at EDR: 04/29/2016 Date Made Active in Reports: 06/03/2016

Number of Days to Update: 35

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 01/24/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Semi-Annually

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: 11/05/2015 Date Data Arrived at EDR: 11/13/2015 Date Made Active in Reports: 01/04/2016

Number of Days to Update: 52

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017 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: 01/07/2016 Date Data Arrived at EDR: 01/08/2016 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 41

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Quarterly

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: 02/25/2016 Date Data Arrived at EDR: 04/27/2016 Date Made Active in Reports: 06/03/2016

Number of Days to Update: 37

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Quarterly

### 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: 12/27/2016

Next Scheduled EDR Contact: 04/10/2017 Data Release Frequency: Varies

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: 10/31/2016 Date Data Arrived at EDR: 11/01/2016 Date Made Active in Reports: 01/18/2017

Number of Days to Update: 78

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/31/2017

Next Scheduled EDR Contact: 05/08/2017 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: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

#### 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: 02/29/2016 Date Data Arrived at EDR: 03/07/2016 Date Made Active in Reports: 05/04/2016

Number of Days to Update: 58

Source: State Water Resources Control Board

Telephone: 916-323-7905 Last EDR Contact: 01/04/2017

Next Scheduled EDR Contact: 04/10/2017 Data Release Frequency: Varies

### 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: 12/19/2016 Date Data Arrived at EDR: 12/20/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 12/20/2016

Next Scheduled EDR Contact: 04/03/2017 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: 02/03/2017

Next Scheduled EDR Contact: 05/22/2017 Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/12/2016 Date Data Arrived at EDR: 09/14/2016 Date Made Active in Reports: 10/14/2016

Number of Days to Update: 30

Source: Department of Conservation Telephone: 916-323-3836 Last EDR Contact: 12/14/2016

Next Scheduled EDR Contact: 03/27/2017 Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing A listing of registered waste tire haulers.

Date of Government Version: 08/25/2016 Date Data Arrived at EDR: 08/26/2016 Date Made Active in Reports: 10/14/2016

Number of Days to Update: 49

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 02/13/2017

Next Scheduled EDR Contact: 05/29/2017 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: 10/31/2016

Next Scheduled EDR Contact: 02/13/2017 Data Release Frequency: Varies

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: 01/23/2017

Next Scheduled EDR Contact: 05/08/2017 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: 01/30/2017

Next Scheduled EDR Contact: 05/08/2017 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: 09/30/2016 Date Data Arrived at EDR: 01/05/2017 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 36

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 11/29/2016

Next Scheduled EDR Contact: 03/13/2017 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: 10/31/2016 Date Data Arrived at EDR: 11/01/2016 Date Made Active in Reports: 01/18/2017

Number of Days to Update: 78

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/31/2017

Next Scheduled EDR Contact: 05/08/2017 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: 08/31/2016 Date Data Arrived at EDR: 11/18/2016 Date Made Active in Reports: 12/22/2016

Number of Days to Update: 34

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 01/09/2017

Next Scheduled EDR Contact: 04/24/2017

Data Release Frequency: Varies

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: 09/30/2016 Date Data Arrived at EDR: 12/05/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 67

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 11/29/2016

Next Scheduled EDR Contact: 03/13/2017 Data Release Frequency: Quarterly

### 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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/01/2016 Date Data Arrived at EDR: 12/06/2016 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 35

Source: Department of Public Health

Telephone: 707-463-4466 Last EDR Contact: 11/28/2016

Next Scheduled EDR Contact: 03/13/2017 Data Release Frequency: Annually

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

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

### 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: 11/29/2016 Date Data Arrived at EDR: 12/06/2016 Date Made Active in Reports: 01/23/2017

Number of Days to Update: 48

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/02/2016

Next Scheduled EDR Contact: 03/20/2017 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: 02/18/2014 Date Data Arrived at EDR: 03/18/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 37

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 01/24/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Varies

### 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: 12/06/2016 Date Data Arrived at EDR: 12/06/2016 Date Made Active in Reports: 01/20/2017

Number of Days to Update: 45

Source: DTSC and SWRCB Telephone: 916-323-3400 Last EDR Contact: 12/06/2016

Next Scheduled EDR Contact: 03/20/2017 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: 12/28/2016 Date Data Arrived at EDR: 12/28/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 37

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017 Data Release Frequency: Annually

### 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: 09/26/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 01/17/2017

Number of Days to Update: 83

Source: Office of Emergency Services

Telephone: 916-845-8400 Last EDR Contact: 01/25/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Varies

### LDS: Land Disposal Sites Listing

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: 12/12/2016 Date Data Arrived at EDR: 12/14/2016 Date Made Active in Reports: 01/20/2017

Number of Days to Update: 37

Source: State Water Quality Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/14/2016

Next Scheduled EDR Contact: 03/27/2017 Data Release Frequency: Quarterly

### MCS: Military Cleanup Sites Listing

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: 12/12/2016 Date Data Arrived at EDR: 12/14/2016 Date Made Active in Reports: 01/20/2017

Number of Days to Update: 37

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/14/2016

Next Scheduled EDR Contact: 03/27/2017 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: 12/12/2016 Date Data Arrived at EDR: 12/28/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017 Data Release Frequency: Varies

### 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: 01/31/2015 Date Data Arrived at EDR: 07/08/2015 Date Made Active in Reports: 10/13/2015

Number of Days to Update: 97

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 12/08/2016

Next Scheduled EDR Contact: 03/20/2017 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: 01/13/2017

Next Scheduled EDR Contact: 04/24/2017 Data Release Frequency: Semi-Annually

### 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: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 01/13/2017

Next Scheduled EDR Contact: 04/24/2017

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: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 02/03/2017

Next Scheduled EDR Contact: 05/29/2017 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: 10/11/2016 Date Data Arrived at EDR: 11/16/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 02/15/2017

Next Scheduled EDR Contact: 05/29/2017 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: 02/03/2017

Next Scheduled EDR Contact: 05/22/2017 Data Release Frequency: Quarterly

### 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: 04/22/2013 Date Data Arrived at EDR: 03/03/2015 Date Made Active in Reports: 03/09/2015

Number of Days to Update: 6

Source: Environmental Protection Agency Telephone: 703-308-4044

Last EDR Contact: 02/10/2017

Next Scheduled EDR Contact: 05/22/2017

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: 12/31/2012 Date Data Arrived at EDR: 01/15/2015 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 14

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 12/23/2016

Next Scheduled EDR Contact: 04/03/2017 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: 12/31/2014 Date Data Arrived at EDR: 11/24/2015 Date Made Active in Reports: 04/05/2016

Number of Days to Update: 133

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 11/22/2016

Next Scheduled EDR Contact: 03/06/2017 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: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA Telephone: 202-564-4203 Last EDR Contact: 01/23/2017

Next Scheduled EDR Contact: 05/08/2017 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: 11/25/2013 Date Data Arrived at EDR: 12/12/2013 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 74

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 12/06/2016

Next Scheduled EDR Contact: 03/20/2017 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: 08/01/2016 Date Data Arrived at EDR: 08/22/2016 Date Made Active in Reports: 11/11/2016

Number of Days to Update: 81

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 01/23/2017

Next Scheduled EDR Contact: 05/08/2017 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: 10/25/2013 Date Data Arrived at EDR: 10/17/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 3

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 02/10/2017

Next Scheduled EDR Contact: 05/22/2017 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: 01/20/2016 Date Data Arrived at EDR: 04/28/2016 Date Made Active in Reports: 09/02/2016

Number of Days to Update: 127

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 01/13/2017

Next Scheduled EDR Contact: 04/24/2017 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: 202-564-5088 Last EDR Contact: 01/09/2017

Next Scheduled EDR Contact: 04/24/2017 Data Release Frequency: Quarterly

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: 02/17/2017

Next Scheduled EDR Contact: 06/05/2017 Data Release Frequency: Quarterly

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: 02/17/2017

Next Scheduled EDR Contact: 06/05/2017 Data Release Frequency: Quarterly

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: 08/30/2016 Date Data Arrived at EDR: 09/08/2016 Date Made Active in Reports: 10/21/2016

Number of Days to Update: 43

Source: Nuclear Regulatory Commission Telephone: 301-415-7169

Last EDR Contact: 02/03/2017

Next Scheduled EDR Contact: 05/22/2017 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: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 12/06/2016

Next Scheduled EDR Contact: 03/20/2017 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: 07/01/2014 Date Data Arrived at EDR: 09/10/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 12/06/2016

Next Scheduled EDR Contact: 03/20/2017 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: 02/01/2011 Date Data Arrived at EDR: 10/19/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 01/29/2016

Next Scheduled EDR Contact: 05/08/2017 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: 01/04/2017 Date Data Arrived at EDR: 01/06/2017 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 35

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 01/06/2017

Next Scheduled EDR Contact: 04/17/2017 Data Release Frequency: Quarterly

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: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 02/01/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Varies

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: 09/30/2016 Date Data Arrived at EDR: 11/18/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 77

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 01/23/2017

Next Scheduled EDR Contact: 04/10/2017

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: 12/31/2013 Date Data Arrived at EDR: 02/24/2015 Date Made Active in Reports: 09/30/2015

Number of Days to Update: 218

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 02/22/2017

Next Scheduled EDR Contact: 06/05/2017 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: 01/13/2017

Next Scheduled EDR Contact: 04/24/2017 Data Release Frequency: Semi-Annually

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: 12/23/2016 Date Data Arrived at EDR: 12/27/2016 Date Made Active in Reports: 02/17/2017

Number of Days to Update: 52

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 02/03/2017

Next Scheduled EDR Contact: 05/22/2017 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: 09/14/2010 Date Data Arrived at EDR: 10/07/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 02/21/2017

Next Scheduled EDR Contact: 06/05/2017 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/05/2016 Date Data Arrived at EDR: 01/05/2017 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 36

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 01/05/2017

Next Scheduled EDR Contact: 04/17/2017 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: 12/22/2016

Next Scheduled EDR Contact: 04/10/2017 Data Release Frequency: Annually

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: 12/22/2016

Next Scheduled EDR Contact: 04/10/2017 Data Release Frequency: Annually

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: 08/05/2016 Date Data Arrived at EDR: 09/01/2016 Date Made Active in Reports: 09/23/2016

Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 12/01/2016

Next Scheduled EDR Contact: 03/13/2017 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: 12/05/2005 Date Data Arrived at EDR: 02/29/2008 Date Made Active in Reports: 04/18/2008

Number of Days to Update: 49

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 12/12/2016

Next Scheduled EDR Contact: 03/13/2017 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: 12/02/2016

Next Scheduled EDR Contact: 03/13/2017 Data Release Frequency: Varies

### 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: 07/15/2016 Date Data Arrived at EDR: 09/07/2016 Date Made Active in Reports: 11/11/2016

Number of Days to Update: 65

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 02/22/2017

Next Scheduled EDR Contact: 06/05/2017 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: 06/02/2016 Date Data Arrived at EDR: 06/03/2016 Date Made Active in Reports: 09/02/2016

Number of Days to Update: 91

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 11/28/2016

Next Scheduled EDR Contact: 03/13/2017 Data Release Frequency: Varies

### UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015 Date Data Arrived at EDR: 01/29/2016 Date Made Active in Reports: 04/05/2016

Number of Days to Update: 67

Source: Department of Defense Telephone: 571-373-0407 Last EDR Contact: 01/20/2017

Next Scheduled EDR Contact: 05/01/2017 Data Release Frequency: Varies

### 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: 09/26/2016 Date Data Arrived at EDR: 09/27/2016 Date Made Active in Reports: 11/18/2016

Number of Days to Update: 52

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017 Data Release Frequency: Quarterly

### 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: 09/02/2016 Date Data Arrived at EDR: 09/27/2016 Date Made Active in Reports: 12/15/2016

Number of Days to Update: 79

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 12/02/2016

Next Scheduled EDR Contact: 03/20/2017 Data Release Frequency: Annually

### EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 09/23/2016 Date Made Active in Reports: 10/24/2016

Number of Days to Update: 31

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 12/23/2016

Next Scheduled EDR Contact: 04/03/2017

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: 12/06/2016 Date Data Arrived at EDR: 12/09/2016 Date Made Active in Reports: 01/18/2017

Number of Days to Update: 40

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 01/23/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Varies

### Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/25/2016 Date Data Arrived at EDR: 04/29/2016 Date Made Active in Reports: 06/21/2016

Number of Days to Update: 53

Source: Department of Toxic Substances Control

Telephone: 916-255-3628 Last EDR Contact: 01/23/2017

Next Scheduled EDR Contact: 05/08/2017 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: 11/16/2016 Date Data Arrived at EDR: 11/18/2016 Date Made Active in Reports: 01/20/2017

Number of Days to Update: 63

Source: California Integrated Waste Management Board

Telephone: 916-341-6066 Last EDR Contact: 02/13/2017

Next Scheduled EDR Contact: 05/29/2017 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: 12/31/2015 Date Data Arrived at EDR: 10/12/2016 Date Made Active in Reports: 12/15/2016

Number of Days to Update: 64

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 01/09/2017

Next Scheduled EDR Contact: 04/24/2017 Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/21/2016 Date Data Arrived at EDR: 11/22/2016 Date Made Active in Reports: 01/23/2017

Number of Days to Update: 62

Source: Department of Toxic Subsances Control

Telephone: 877-786-9427 Last EDR Contact: 02/22/2017

Next Scheduled EDR Contact: 06/05/2017 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: 11/21/2016 Date Data Arrived at EDR: 11/22/2016 Date Made Active in Reports: 01/23/2017

Number of Days to Update: 62

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 02/22/2017

Next Scheduled EDR Contact: 06/05/2017 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: 10/12/2016 Date Data Arrived at EDR: 10/12/2016 Date Made Active in Reports: 12/15/2016

Number of Days to Update: 64

Source: Department of Toxic Substances Control

Telephone: 916-440-7145 Last EDR Contact: 01/11/2017

Next Scheduled EDR Contact: 04/24/2017 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: 09/12/2016 Date Data Arrived at EDR: 09/14/2016 Date Made Active in Reports: 10/14/2016

Number of Days to Update: 30

Source: Department of Conservation

Telephone: 916-322-1080 Last EDR Contact: 01/13/2017

Next Scheduled EDR Contact: 03/27/2017

Data Release Frequency: Varies

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.

TC4862189.2s Page GR-27

Date of Government Version: 09/06/2016 Date Data Arrived at EDR: 09/07/2016 Date Made Active in Reports: 10/14/2016

Number of Days to Update: 37

Source: Department of Public Health Telephone: 916-558-1784

Last EDR Contact: 12/06/2016

Next Scheduled EDR Contact: 03/20/2017 Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/16/2016 Date Data Arrived at EDR: 05/18/2016 Date Made Active in Reports: 06/23/2016

Number of Days to Update: 36

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 02/15/2017

Next Scheduled EDR Contact: 05/29/2017 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: 09/06/2016 Date Data Arrived at EDR: 09/07/2016 Date Made Active in Reports: 10/14/2016

Number of Days to Update: 37

Source: Department of Pesticide Regulation

Telephone: 916-445-4038 Last EDR Contact: 12/06/2016

Next Scheduled EDR Contact: 03/20/2017 Data Release Frequency: Quarterly

PROC: Certified Processors Database A listing of certified processors.

> Date of Government Version: 09/12/2016 Date Data Arrived at EDR: 09/14/2016 Date Made Active in Reports: 10/14/2016

Number of Days to Update: 30

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 12/14/2016

Next Scheduled EDR Contact: 12/26/2016
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: 09/19/2016 Date Data Arrived at EDR: 09/20/2016 Date Made Active in Reports: 12/16/2016

Number of Days to Update: 87

Source: State Water Resources Control Board

Telephone: 916-445-3846 Last EDR Contact: 12/16/2016

Next Scheduled EDR Contact: 04/03/2017 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: 07/06/2016 Date Data Arrived at EDR: 09/14/2016 Date Made Active in Reports: 10/14/2016

Number of Days to Update: 30

Source: Deaprtment of Conservation Telephone: 916-445-2408

Last EDR Contact: 12/14/2016

Next Scheduled EDR Contact: 03/27/2017 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 board?s review found that more than one-third of the region?s active disposal pits are operating without permission.

Date of Government Version: 04/15/2015 Date Data Arrived at EDR: 04/17/2015 Date Made Active in Reports: 06/23/2015

Number of Days to Update: 67

Source: RWQCB, Central Valley Region

Telephone: 559-445-5577 Last EDR Contact: 01/13/2017

Next Scheduled EDR Contact: 04/24/2047 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: 02/17/2017

Next Scheduled EDR Contact: 06/05/2017 Data Release Frequency: Quarterly

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: 12/22/2016

Next Scheduled EDR Contact: 04/10/2017 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: 06/09/2016 Date Data Arrived at EDR: 06/13/2016 Date Made Active in Reports: 09/02/2016

Number of Days to Update: 81

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 12/09/2016

Next Scheduled EDR Contact: 03/27/2017 Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 12/11/2016 Date Data Arrived at EDR: 12/20/2016 Date Made Active in Reports: 02/17/2017

Number of Days to Update: 59

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 12/20/2016

Next Scheduled EDR Contact: 04/03/2017 Data Release Frequency: Quarterly

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: 11/21/2016 Date Data Arrived at EDR: 11/22/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 73

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 02/22/2017

Next Scheduled EDR Contact: 06/05/2017 Data Release Frequency: Quarterly

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 Historic Gas 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 Historic Dry 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.

Telephone: N/A

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

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

Source: State Water Resources Control Board

## **COUNTY RECORDS**

#### ALAMEDA COUNTY:

#### 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: 10/12/2016 Date Data Arrived at EDR: 10/14/2016 Date Made Active in Reports: 11/18/2016

Number of Days to Update: 35

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 01/06/2017

Next Scheduled EDR Contact: 04/24/2017 Data Release Frequency: Semi-Annually

#### **Underground Tanks**

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/10/2016 Date Data Arrived at EDR: 10/12/2016 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 90

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 01/09/2017

Next Scheduled EDR Contact: 04/24/2047 Data Release Frequency: Semi-Annually

# AMADOR COUNTY:

CUPA Facility List Cupa Facility List

> Date of Government Version: 11/10/2016 Date Data Arrived at EDR: 12/13/2016 Date Made Active in Reports: 12/22/2016

Number of Days to Update: 9

Source: Amador County Environmental Health

Telephone: 209-223-6439 Last EDR Contact: 12/02/2016

Next Scheduled EDR Contact: 03/20/2017 Data Release Frequency: Varies

## BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 10/21/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 11/18/2016

Number of Days to Update: 23

Source: Public Health Department Telephone: 530-538-7149 Last EDR Contact: 01/23/2017

Next Scheduled EDR Contact: 04/24/2017 Data Release Frequency: No Update Planned

#### CALVERAS COUNTY:

**CUPA Facility Listing** 

Cupa Facility Listing

Date of Government Version: 10/25/2016 Date Data Arrived at EDR: 10/27/2016 Date Made Active in Reports: 11/18/2016

Number of Days to Update: 22

Source: Calveras County Environmental Health

Telephone: 209-754-6399 Last EDR Contact: 12/27/2016

Next Scheduled EDR Contact: 04/10/2017 Data Release Frequency: Quarterly

#### **COLUSA COUNTY:**

**CUPA Facility List** Cupa facility list.

> Date of Government Version: 09/02/2016 Date Data Arrived at EDR: 09/06/2016 Date Made Active in Reports: 10/14/2016

Number of Days to Update: 38

Source: Health & Human Services Telephone: 530-458-0396 Last EDR Contact: 02/21/2017

Next Scheduled EDR Contact: 05/22/2017 Data Release Frequency: Varies

#### CONTRA COSTA COUNTY:

#### Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/17/2016 Date Data Arrived at EDR: 11/22/2016 Date Made Active in Reports: 01/26/2017

Number of Days to Update: 65

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 01/30/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Semi-Annually

#### **DEL NORTE COUNTY:**

**CUPA Facility List** Cupa Facility list

> Date of Government Version: 11/01/2016 Date Data Arrived at EDR: 11/03/2016 Date Made Active in Reports: 11/22/2016

Number of Days to Update: 19

Source: Del Norte County Environmental Health Division

Telephone: 707-465-0426 Last EDR Contact: 01/30/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Varies

## EL DORADO COUNTY:

**CUPA Facility List** CUPA facility list.

> Date of Government Version: 11/22/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 01/17/2017

Number of Days to Update: 55

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623 Last EDR Contact: 01/30/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Varies

# FRESNO COUNTY:

#### **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: 10/11/2016 Date Data Arrived at EDR: 10/14/2016 Date Made Active in Reports: 11/18/2016

Number of Days to Update: 35

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 01/03/2017

Next Scheduled EDR Contact: 04/17/2017 Data Release Frequency: Semi-Annually

#### **HUMBOLDT COUNTY:**

**CUPA Facility List** CUPA facility list.

> Date of Government Version: 10/25/2016 Date Data Arrived at EDR: 10/27/2016 Date Made Active in Reports: 11/18/2016

Number of Days to Update: 22

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 02/21/2017

Next Scheduled EDR Contact: 06/05/2017 Data Release Frequency: Varies

#### IMPERIAL COUNTY:

**CUPA Facility List** Cupa facility list.

> Date of Government Version: 10/24/2016 Date Data Arrived at EDR: 10/27/2016 Date Made Active in Reports: 11/18/2016

Number of Days to Update: 22

Source: San Diego Border Field Office

Telephone: 760-339-2777 Last EDR Contact: 01/23/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Varies

# INYO COUNTY:

**CUPA Facility List** Cupa facility list.

> Date of Government Version: 09/10/2013 Date Data Arrived at EDR: 09/11/2013 Date Made Active in Reports: 10/14/2013

Number of Days to Update: 33

Source: Inyo County Environmental Health Services

Telephone: 760-878-0238 Last EDR Contact: 02/21/2017

Next Scheduled EDR Contact: 06/05/2017 Data Release Frequency: Varies

## KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

> Date of Government Version: 11/07/2016 Date Data Arrived at EDR: 11/08/2016 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 63

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 02/06/2017

Next Scheduled EDR Contact: 05/22/2017 Data Release Frequency: Quarterly

## KINGS COUNTY:

#### **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: 12/14/2016 Date Data Arrived at EDR: 12/16/2016 Date Made Active in Reports: 12/22/2016

Number of Days to Update: 6

Source: Kings County Department of Public Health

Telephone: 559-584-1411 Last EDR Contact: 02/21/2017

Next Scheduled EDR Contact: 06/05/2017 Data Release Frequency: Varies

#### LAKE COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 09/08/2016 Date Data Arrived at EDR: 09/09/2016 Date Made Active in Reports: 10/14/2016

Number of Days to Update: 35

Source: Lake County Environmental Health

Telephone: 707-263-1164 Last EDR Contact: 01/17/2017

Next Scheduled EDR Contact: 05/01/2017 Data Release Frequency: Varies

#### LOS ANGELES COUNTY:

#### San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

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: EPA Region 9 Telephone: 415-972-3178 Last EDR Contact: 12/15/2016

Next Scheduled EDR Contact: 04/03/2017 Data Release Frequency: No Update Planned

# HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/14/2016 Date Data Arrived at EDR: 11/18/2016 Date Made Active in Reports: 01/23/2017

Number of Days to Update: 66

Source: Department of Public Works

Telephone: 626-458-3517 Last EDR Contact: 01/23/2017

Next Scheduled EDR Contact: 04/24/2017 Data Release Frequency: Semi-Annually

#### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/17/2016 Date Data Arrived at EDR: 10/18/2016 Date Made Active in Reports: 12/15/2016

Number of Days to Update: 58

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 01/18/2017

Next Scheduled EDR Contact: 05/01/2017 Data Release Frequency: Varies

# City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016 Date Data Arrived at EDR: 01/26/2016 Date Made Active in Reports: 03/22/2016

Number of Days to Update: 56

Source: Engineering & Construction Division

Telephone: 213-473-7869 Last EDR Contact: 01/17/2017

Next Scheduled EDR Contact: 05/01/2017 Data Release Frequency: Varies

#### Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/29/2016 Date Data Arrived at EDR: 04/06/2016 Date Made Active in Reports: 06/13/2016

Number of Days to Update: 68

Source: Community Health Services Telephone: 323-890-7806 Last EDR Contact: 01/17/2017

Next Scheduled EDR Contact: 05/01/2017 Data Release Frequency: Annually

#### City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015 Date Data Arrived at EDR: 04/02/2015 Date Made Active in Reports: 04/13/2015

Number of Days to Update: 11

Source: City of El Segundo Fire Department

Telephone: 310-524-2236 Last EDR Contact: 01/17/2017

Next Scheduled EDR Contact: 05/01/2017 Data Release Frequency: Semi-Annually

#### City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 11/04/2015 Date Data Arrived at EDR: 11/13/2015 Date Made Active in Reports: 12/17/2015

Number of Days to Update: 34

Source: City of Long Beach Fire Department

Telephone: 562-570-2563 Last EDR Contact: 01/23/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Annually

#### City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/04/2016 Date Data Arrived at EDR: 10/11/2016 Date Made Active in Reports: 01/12/2017

Number of Days to Update: 93

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 01/09/2017

Next Scheduled EDR Contact: 04/24/2017 Data Release Frequency: Semi-Annually

## MADERA COUNTY:

#### **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: 12/05/2016 Date Data Arrived at EDR: 12/09/2016 Date Made Active in Reports: 01/19/2017

Number of Days to Update: 41

Source: Madera County Environmental Health

Telephone: 559-675-7823 Last EDR Contact: 02/21/2017

Next Scheduled EDR Contact: 06/05/2017 Data Release Frequency: Varies

#### MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 10/19/2016 Date Data Arrived at EDR: 10/25/2016 Date Made Active in Reports: 01/12/2017

Number of Days to Update: 79

Source: Public Works Department Waste Management

Telephone: 415-499-6647 Last EDR Contact: 01/17/2017

Next Scheduled EDR Contact: 04/17/2017 Data Release Frequency: Semi-Annually

#### MERCED COUNTY:

**CUPA Facility List** 

CUPA facility list.

Date of Government Version: 12/02/2016 Date Data Arrived at EDR: 12/06/2016 Date Made Active in Reports: 01/17/2017

Number of Days to Update: 42

Source: Merced County Environmental Health

Telephone: 209-381-1094 Last EDR Contact: 02/21/2017

Next Scheduled EDR Contact: 06/05/2017 Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List CUPA Facility List

> Date of Government Version: 11/29/2016 Date Data Arrived at EDR: 12/05/2016 Date Made Active in Reports: 12/22/2016

Number of Days to Update: 17

Source: Mono County Health Department

Telephone: 760-932-5580 Last EDR Contact: 11/28/2016

Next Scheduled EDR Contact: 03/13/2017 Data Release Frequency: Varies

MONTEREY COUNTY:

**CUPA Facility Listing** 

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/24/2016 Date Data Arrived at EDR: 06/27/2016 Date Made Active in Reports: 08/09/2016

Number of Days to Update: 43

Source: Monterey County Health Department

Telephone: 831-796-1297 Last EDR Contact: 02/21/2017

Next Scheduled EDR Contact: 06/05/2017

Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011 Date Data Arrived at EDR: 12/06/2011 Date Made Active in Reports: 02/07/2012

Number of Days to Update: 63

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 11/28/2016

Next Scheduled EDR Contact: 03/13/2017 Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008 Date Data Arrived at EDR: 01/16/2008 Date Made Active in Reports: 02/08/2008

Number of Days to Update: 23

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 01/09/2017

Next Scheduled EDR Contact: 03/13/2017 Data Release Frequency: No Update Planned

**NEVADA COUNTY:** 

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/07/2016 Date Data Arrived at EDR: 11/08/2016 Date Made Active in Reports: 12/22/2016

Number of Days to Update: 44

Source: Community Development Agency

Telephone: 530-265-1467 Last EDR Contact: 01/30/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Varies

#### **ORANGE COUNTY:**

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 11/03/2016 Date Data Arrived at EDR: 11/11/2016 Date Made Active in Reports: 01/23/2017

Number of Days to Update: 73

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 02/06/2017

Next Scheduled EDR Contact: 05/22/2017 Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/04/2016 Date Data Arrived at EDR: 11/11/2016 Date Made Active in Reports: 01/23/2017

Number of Days to Update: 73

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 02/06/2017

Next Scheduled EDR Contact: 05/22/2017 Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/03/2016 Date Data Arrived at EDR: 11/08/2016 Date Made Active in Reports: 01/12/2017

Number of Days to Update: 65

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 02/07/2017

Next Scheduled EDR Contact: 05/22/2017 Data Release Frequency: Quarterly

## PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/02/2016 Date Data Arrived at EDR: 09/06/2016 Date Made Active in Reports: 10/14/2016

Number of Days to Update: 38

Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 12/02/2016

Next Scheduled EDR Contact: 03/20/2017 Data Release Frequency: Semi-Annually

#### RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/20/2016 Date Data Arrived at EDR: 10/25/2016 Date Made Active in Reports: 12/15/2016

Number of Days to Update: 51

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 12/19/2016

Next Scheduled EDR Contact: 04/03/2017 Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/20/2016 Date Data Arrived at EDR: 10/25/2016 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 77

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 12/19/2016

Next Scheduled EDR Contact: 04/03/2017 Data Release Frequency: Quarterly

#### SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/22/2016 Date Data Arrived at EDR: 10/04/2016 Date Made Active in Reports: 11/18/2016

Number of Days to Update: 45

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 01/05/2017

Next Scheduled EDR Contact: 04/17/2017 Data Release Frequency: Quarterly

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: 08/22/2016 Date Data Arrived at EDR: 10/04/2016 Date Made Active in Reports: 12/16/2016

Number of Days to Update: 73

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 01/05/2017

Next Scheduled EDR Contact: 04/17/2017 Data Release Frequency: Quarterly

#### SAN BERNARDINO COUNTY:

**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: 09/06/2016 Date Data Arrived at EDR: 09/07/2016 Date Made Active in Reports: 10/19/2016

Number of Days to Update: 42

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 02/06/2017

Next Scheduled EDR Contact: 05/22/2017 Data Release Frequency: Quarterly

#### SAN DIEGO COUNTY:

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: 09/23/2013 Date Data Arrived at EDR: 09/24/2013 Date Made Active in Reports: 10/17/2013

Number of Days to Update: 23

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 12/06/2016

Next Scheduled EDR Contact: 03/20/2017 Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015 Date Data Arrived at EDR: 11/07/2015 Date Made Active in Reports: 01/04/2016

Number of Days to Update: 58

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 01/23/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Varies

**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: 12/02/2016

Next Scheduled EDR Contact: 03/20/2017 Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

**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: 02/03/2017

Next Scheduled EDR Contact: 05/22/2017 Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/16/2016 Date Data Arrived at EDR: 11/21/2016 Date Made Active in Reports: 01/12/2017

Number of Days to Update: 52

Source: Department of Public Health Telephone: 415-252-3920

Last EDR Contact: 02/21/2017

Next Scheduled EDR Contact: 05/22/2017 Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 12/21/2016 Date Data Arrived at EDR: 12/27/2016 Date Made Active in Reports: 02/14/2017

Number of Days to Update: 49

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 12/15/2016

Next Scheduled EDR Contact: 04/03/2017 Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

**CUPA Facility List** 

Cupa Facility List.

Date of Government Version: 11/17/2016 Date Data Arrived at EDR: 11/21/2016 Date Made Active in Reports: 01/19/2017

Number of Days to Update: 59

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 02/21/2017

Next Scheduled EDR Contact: 06/05/2017 Data Release Frequency: Varies

SAN MATEO COUNTY:

#### **Business Inventory**

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/02/2016 Date Data Arrived at EDR: 06/07/2016 Date Made Active in Reports: 06/22/2016

Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 01/30/2017

Next Scheduled EDR Contact: 03/20/2017 Data Release Frequency: Annually

#### Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/09/2016 Date Data Arrived at EDR: 06/13/2016 Date Made Active in Reports: 08/09/2016

Number of Days to Update: 57

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 12/09/2016

Next Scheduled EDR Contact: 03/27/2017 Data Release Frequency: Semi-Annually

#### SANTA BARBARA COUNTY:

#### **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: 02/21/2017

Next Scheduled EDR Contact: 06/05/2017 Data Release Frequency: Varies

#### SANTA CLARA COUNTY:

#### Cupa Facility List

Cupa facility list

Date of Government Version: 11/16/2016 Date Data Arrived at EDR: 11/21/2016 Date Made Active in Reports: 01/19/2017

Number of Days to Update: 59

Source: Department of Environmental Health

Telephone: 408-918-1973 Last EDR Contact: 02/21/2017

Next Scheduled EDR Contact: 06/05/2017 Data Release Frequency: Varies

# 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

#### 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: 11/28/2016

Next Scheduled EDR Contact: 03/13/2017 Data Release Frequency: Annually

#### Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/07/2016 Date Data Arrived at EDR: 11/10/2016 Date Made Active in Reports: 01/24/2017

Number of Days to Update: 75

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 02/06/2017

Next Scheduled EDR Contact: 05/22/2017 Data Release Frequency: Annually

#### SANTA CRUZ COUNTY:

### **CUPA Facility List**

CUPA facility listing.

Date of Government Version: 11/16/2016 Date Data Arrived at EDR: 11/21/2016 Date Made Active in Reports: 01/19/2017

Number of Days to Update: 59

Source: Santa Cruz County Environmental Health

Telephone: 831-464-2761 Last EDR Contact: 02/21/2017

Next Scheduled EDR Contact: 06/05/2017 Data Release Frequency: Varies

#### SHASTA COUNTY:

#### **CUPA Facility List**

Cupa Facility List.

Date of Government Version: 09/12/2016 Date Data Arrived at EDR: 09/15/2016 Date Made Active in Reports: 10/14/2016

Number of Days to Update: 29

Source: Shasta County Department of Resource Management

Telephone: 530-225-5789 Last EDR Contact: 02/21/2017

Next Scheduled EDR Contact: 06/05/2017

Data Release Frequency: Varies

#### SOLANO COUNTY:

## Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016 Date Data Arrived at EDR: 12/21/2016 Date Made Active in Reports: 12/22/2016

Number of Days to Update: 1

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 12/09/2016

Next Scheduled EDR Contact: 03/27/2017 Data Release Frequency: Quarterly

#### **Underground Storage Tanks**

Underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016 Date Data Arrived at EDR: 12/22/2016 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 19

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 12/09/2016

Next Scheduled EDR Contact: 03/27/2017 Data Release Frequency: Quarterly

## SONOMA COUNTY:

Cupa Facility List Cupa Facility list

Date of Government Version: 09/27/2016 Date Data Arrived at EDR: 09/28/2016 Date Made Active in Reports: 11/22/2016

Number of Days to Update: 55

Source: County of Sonoma Fire & Emergency Services Department

Telephone: 707-565-1174 Last EDR Contact: 12/22/2016

Next Scheduled EDR Contact: 04/10/2017 Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/04/2016 Date Data Arrived at EDR: 10/06/2016 Date Made Active in Reports: 12/16/2016

Number of Days to Update: 71

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 12/22/2016

Next Scheduled EDR Contact: 04/10/2017 Data Release Frequency: Quarterly

SUTTER COUNTY:

**Underground Storage Tanks** 

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/02/2016 Date Data Arrived at EDR: 12/06/2016 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 35

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500 Last EDR Contact: 12/02/2016

Next Scheduled EDR Contact: 03/20/2017 Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 10/27/2016 Date Data Arrived at EDR: 10/28/2016 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 74

Source: Divison of Environmental Health

Telephone: 209-533-5633 Last EDR Contact: 01/23/2017

Next Scheduled EDR Contact: 05/08/2017

Data Release Frequency: Varies

**VENTURA COUNTY:** 

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: 09/26/2016 Date Data Arrived at EDR: 10/27/2016 Date Made Active in Reports: 01/17/2017

Number of Days to Update: 82

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 01/23/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Quarterly

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: 12/30/2016

Next Scheduled EDR Contact: 04/10/2017 Data Release Frequency: Annually

#### 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: 02/13/2017

Next Scheduled EDR Contact: 05/29/2017 Data Release Frequency: Quarterly

#### 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: 09/26/2016 Date Data Arrived at EDR: 10/27/2016 Date Made Active in Reports: 01/24/2017

Number of Days to Update: 89

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 01/23/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Quarterly

## Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/28/2016 Date Data Arrived at EDR: 12/14/2016 Date Made Active in Reports: 01/12/2017

Number of Days to Update: 29

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 12/14/2016

Next Scheduled EDR Contact: 03/27/2017 Data Release Frequency: Quarterly

#### YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 11/14/2016 Date Data Arrived at EDR: 11/18/2016 Date Made Active in Reports: 01/12/2017

Number of Days to Update: 55

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 01/03/2017

Next Scheduled EDR Contact: 04/17/2017 Data Release Frequency: Annually

## YUBA COUNTY:

#### **CUPA Facility List**

CUPA facility listing for Yuba County.

Date of Government Version: 10/28/2016 Date Data Arrived at EDR: 11/03/2016 Date Made Active in Reports: 12/15/2016

Number of Days to Update: 42

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 01/30/2017

Next Scheduled EDR Contact: 05/08/2017 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: 07/30/2013 Date Data Arrived at EDR: 08/19/2013 Date Made Active in Reports: 10/03/2013

Number of Days to Update: 45

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 11/11/2016

Next Scheduled EDR Contact: 02/27/2017 Data Release Frequency: No Update Planned

Source: Department of Environmental Protection

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015 Date Data Arrived at EDR: 09/29/2016 Date Made Active in Reports: 01/03/2017

Number of Days to Update: 96

te Made Active in Reports: 01/03/2017 Last EDR Contact: 01/09/2017

Next Scheduled EDR Contact: 04/24/2017 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

Telephone: N/A

facility.

Date of Government Version: 01/30/2017 Date Data Arrived at EDR: 02/01/2017 Date Made Active in Reports: 02/13/2017

Number of Days to Update: 12

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 02/01/2017

Next Scheduled EDR Contact: 05/08/2017 Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015 Date Data Arrived at EDR: 07/22/2016 Date Made Active in Reports: 11/22/2016

Number of Days to Update: 123

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 01/12/2017

Next Scheduled EDR Contact: 05/01/2017 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 06/19/2015 Date Made Active in Reports: 07/15/2015

Number of Days to Update: 26

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 02/21/2017

Next Scheduled EDR Contact: 06/05/2017 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015 Date Data Arrived at EDR: 04/14/2016 Date Made Active in Reports: 06/03/2016

Number of Days to Update: 50

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 12/12/2016

Next Scheduled EDR Contact: 03/27/2017 Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

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 PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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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

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 & Game

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

# STREET AND ADDRESS INFORMATION

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# APPENDIX D: QUALIFICATIONS





## **Education**

B.S., Natural Science, Towson University

# **Registrations**

Asbestos Inspector/Maryland/No. 34810

# **Training**

40-Hour OSHA Hazardous Waste Operator (HAZWOPER) 8-Hour OSHA HAZWOPER, Annual Refresher July 2016 8 Hour OSHA HAZWOPER Site Supervisor EPA AHERA Asbestos Inspector

# **Highlights**

Over 20 years of experience in environmental consulting 16 years of experience in Phase I and Phase II Environmental Site Assessments 16 years of experience performing asbestos inspections

# **Experience Summary**

Ms. Brune serves as a Senior Project Manager for Partner Engineering and Science, Inc. (Partner), providing staff oversight, quality reviews, and authoring Phase I Environmental Site Assessments in accordance with EPA's All Appropriate Inquiry (AAI). She is responsible for ensuring consistency, quality, and on-time delivery of due diligence and engineering services provided by Partner. Current day-to-day responsibilities include project oversight, guidance to assessors, report review, and client management.

Ms. Brune has over 20 years of experience in the environmental consulting business and has a diversity of experience which includes the performance of hundreds of Phase I Environmental Site Assessments; field work related to subsurface investigations including soil sampling; groundwater well installation oversight, development, monitoring, and groundwater well abandonment; underground storage tank (UST) investigations and closure; Environmental Compliance Audits; Health & Safety Compliance Audits, Hazardous Material surveys, Indoor Air Quality assessments, and preparation of Spill Prevention, Control, and Countermeasure (SPCC) plans. Additionally, Ms. Brune has experience with sludge composting, aquatic toxicology, and wet chemistry analysis.

# **Project Experience**

The following provides highlights of Ms. Brune's experience and due diligence background:

Phase I Environmental Site Assessments, Nationwide. Completed hundreds of Phase I Environmental Site Assessments (ESAs) for lending institutions, real estate investment trusts, developers, and government agencies in accordance with EPA's All Appropriate Inquiry (AAI) on residential properties, commercial properties, office buildings, retail shopping centers, gasoline service stations, hotels, auto repair and auto body shops, industrial warehouse buildings, aerospace manufacturers, race tracks, and various manufacturing operations throughout the U.S. Additionally, finalized hundreds of site visits to obtain required information for Phase I ESAs and Environmental Transaction Screens for others authoring report.

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Environmental Reviews, Federal Deposit Insurance Corporation (FDIC). Evaluated the technical completeness and accuracy of Environmental Checklist Reports and Phase I ESAs prepared by other FDIC contractors, completed or corrected the information as necessary, and prepared executive summaries with recommendations for FDIC asset managers. Key components of the FDIC Phase I ESA process evaluated included: Current and former land use; Historical review (aerial photograph, topographic map, and fire insurance map); Environmental hazard review (aboveground storage tanks, USTs, hazardous material usage, potential PCB-containing equipment usage, potential for soil and groundwater contamination, pesticide usage, disposal sites, potential presence of asbestos-containing materials, potential presence of lead-based paint, and radiological contamination); and Special resource review (threatened and endangered species, wetlands, 100-year floodplains, historic property, archeological resources, coastal barrier units, sole-source aquifers, recreational areas). Completed environmental reviews on many hundreds of assets, with asset types including raw land, single family residences, multi-family housing, resort developments, commercial properties (office buildings, shopping malls, gas stations, dry cleaners, retail establishments, day care centers, etc.), agricultural properties, and manufacturing facilities.

Desktop Environmental, Health, and Safety (EHS) Studies. Performed multiple desk top studies for potential buyers to gather and evaluate information to identify potential EHS concerns at identified sites. Main goals of the desk top studies include: identifying and evaluating existing and potential environmental liabilities at the subject sites in terms of potential environmental impacts to soil, air, groundwater, and surface water as a result of past and on-going activities; and identifying and evaluating existing and potential significant regulatory EHS non-compliance issues. After review of available information, developed recommendations and cost estimates to address material EHS liability and regulatory non-compliance issues.

CHWMEG, Inc., International Program - TSDF Environmental Reviews, Nationwide. CHWMEG is a non-profit trade association of member manufacturing companies interested in reducing generator-borne liability associated with third-party waste management activities. Conducted a comprehensive environmental compliance review of waste-derived fuels processing facilities; hazardous waste bulking and storage facilities; multiple municipal solid waste landfills; two lamp recycling facilities; an adhesives recycling facility; a regulated medical waste facility; two carbon regeneration facilities; several hazardous waste storage and transportation facilities; and several drum reconditioning facilities. These reviews included contact with regulatory agencies, conducting database searches, performing site reconnaissance and interviews, reviews of environmental documents and permit requirements, and preparation of reports.

Environmental Compliance Audits, Nationwide. Evaluated onsite environmental regulated activities, such as, RCRA hazardous waste, air pollution control/air emissions, and storm water pollution control to identify compliance status and determine what deficiencies the facility might need to improve upon to prepare for regulatory audits. Audits included performing site visits, interviews and environmental document reviews.

Health & Safety Compliance Audits, Nationwide. Reviewed current operating practices and documentation of warehousing and production facilities against the requirements of applicable national and local H&S legislation and internal company H&S standards. These audits included identifying potential H&S risks and recommending corrective actions.

## **Contact**

cbrune@partneresi.com





## **Education**

University of Connecticut, M.S. Applied Geology University of Massachusetts, B.S. Environmental Science University of Massachusetts, B.A. Geology

# **Registrations**

Licensed Environmental Professional, State of Connecticut Certified Professional Geologist, American Institute of Petroleum Geologists

# **Training**

Behavior-Based Health and Safety: Control of Work (BP)
Behavior-Based Health and Safety: Loss Prevention System (Chevron)
OSHA HAZWOPER 40-hour training

# **Highlights**

20 years in the environmental assessment and remediation industry Phase I ESAs
Transaction Screens
Phase II ESAs
Contaminant Transport Evaluations
Remediation Design
Implementation of Remediation

## **Experience Summary**

Ms. Lehnus is currently a project manager providing staff oversight and quality reviews for Phase I ESAs and desktop reviews. Ms. Lehnus focuses on portfolios for purchase or refinance.

Ms. Lehnus has 20 years of experience in the environmental assessment and remediation industry. She has extensive experience conducting due diligence assessments for a variety of property types using a varied number of reporting standards, including ASTM standards, EPA's All Appropriate Inquiry (AAI), and customized client formats. Specifically, Mrs. has performed and managed Phase I Environmental Site Assessments, Environmental Transaction Screens, Phase II and III Subsurface Investigations, and remediation projects.

Further, Ms. Lehnus is a Licensed Environmental Professional in Connecticut and has served as a project manager for large industrial sites involved with Brownfield initiatives for transfer, sale, and redevelopment. Duties included strategic planning of future redevelopment of properties based on the current environmental conditions and the determination of proper remedies required based on future use. Duties also included working with legal counsel to review sale agreements to ensure that remediation measures are appropriately documented for compliance. Ms. Lehnus has also designed and implemented investigation and remediation plans in order to verify closure of projects under the Connecticut Transfer Act.

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Responsibilities include managing projects to complete large-scale soil and groundwater investigation and remediation tasks, completion of closure letters, variances, permitting, and other submittals to state agencies, and participation on internal and external committees to improve sampling, reporting, and regulatory processes.

# **Project Experience**

Johnny on the Spot Dry Cleaner, Whitestone, New York. Ms. Lehnus managed the contaminate delineation (Phase III) investigation of groundwater, soil vapor, and indoor air at a former dry cleaner facility in the New York Department of Environmental Conservation (NYDEC) cleanup program. Work included soil, groundwater, soil vapor, and indoor air sampling in compliance with NYDEC guidance documents, and oversight of the design of a sub-slab depressurization system to alleviate vapor intrusion.

Ansonia Copper and Brass, Ansonia, Connecticut. Responsible for the completion of Phase III activities at release areas with completion of several Connecticut Department of Energy and Environmental Protection (CTDEEP) submittals, which include proposed remediation strategies for final closure under the Remediation Standard Regulations (RSRs) to allow for property redevelopment. Remediation activities included incorporating capped areas into land use restrictions to allow for extensive reuse of the brownfield property.

Starbuck Sprague Facility, Waterbury, Connecticut. Responsible for the completion of the Phase I, II and III activities, reporting, and completion of DEEP submittals to administer a remediation strategy to bring the property into compliance with the RSRs while allowing for minimal disturbance of the existing conditions;

*Farrel Corporation, Ansonia, Connecticut.* Responsible for the completion of Phase III activities at release areas, quarterly groundwater monitoring and contaminant plume mapping, reporting, and completion of several DEEP submittals, which include proposed remediation strategies for final closure.

Latex Foam, Shelton, Connecticut. Responsible for permitting and oversight of remediation of wetland area near an Indian burial ground, quarterly groundwater sampling with plume mapping in overburden and bedrock groundwater, and Phase III delineation of a No. 6 oil spill.

Antares, Stamford, Connecticut. Included on the team to investigate and assess a portfolio of properties for the prospect of quick-turn purchase, as well as investigation and remediation of properties added to the portfolio.

*Verizon Wireless, Inc., Environmental Assessments, Various Connecticut Locations.* Responsible for the Verizon Wireless account, duties include oversight of staff members and review of reports for the account, client interaction, and applying DEP regulations and National Environmental Policy Act (NEPA) protocol to work scopes and templates.

Foxon Road, North Haven, Connecticut. Participated with a team to design an active vapor extraction system at a former dry cleaning facility. Work included conducting a soil gas survey, installing soil vapor extraction points, creating a site-specific geologic cross section with respect to soil permeability, and performing a pilot test to determine design specifications.



Home Depot, Bloomfield, Connecticut. Oversight of initial soil and groundwater assessment, followed by site-wide soil excavation and the installation of a passive vapor barrier at a former manufacturing facility. This work was conducted coincident with Site development activities at a high profile retail chain and required working closely with development contractors to ensure the safety of the barrier while exposed. Post remediation work included the installation monitoring wells and soil vapor points with quarterly sampling and DEP submittals.

*Talcottville Road, Vernon, Connecticut.* Excavation of gasoline-contaminated soil and application of Oxygen Release Compound (ORC) in order to remediate release area. Study included DEP permitting, and pre- and post-remediation water chemistry monitoring.

General Electric, Hazardous Ranking System Package, Pittsfield, Massachusetts. Worked with a team of geologists assessing and ranking sources at this high profile Site for proposal to the National Priority List.

American Optical Company, Site Inspection Prioritization, Southbridge, Massachusetts. As Site Leader for this Site Inspection Prioritization, duties included the preparation of a report to summarize current site conditions and rate the potential for further regulation under the EPA Superfund program. Duties included review of previous analytical data to assess potential sources.

### **Affiliations**

Board of Directors, Connecticut Environmental Forum (2011-2015) Society of Woman Environmental Professionals (2005-2014) Environmental Professionals of Connecticut (1998-2014)

## **Contact**

klehnus@partneresi.com





## **Education**

M.S. Civil-Environmental Engineering, California State University, Fullerton B.S. Environmental Engineering, University of California, Riverside Coursework in Legal and Regulatory Framework for Environmental Management, University of California Irvine Coursework in Mold Inspection

# Registrations

Professional Engineer, Colorado
Engineer-In Training (EIT), California
State of California Registered Environmental Assessor (program canceled in July 2012)
LEED Green Associate (GA) Accredited Professional, United States Green Building Council
AHERA Certified Building Inspector for Asbestos

OSHA 40-hour HAZWOPER, Operations Level Health and Safety Training

# **Training**

OSHA 10-hour Construction Safety Training

Trained/Certified – Hazardous Waste in California, US Department of Transportation Hazardous Materials

Transportation, and USEPA Hazardous/Toxic Waste management (LION)

# **Highlights**

Over 16 years in the environmental and engineering consulting industry with institutional and private clients Environmental Engineer Extensive knowledge of real estate due diligence Phase I and Phase II Environmental Site Assessments Site Mitigation and Remediation

# **Experience Summary**

Ms. Ponce is an environmental engineer with more than 16 years of experience in the environmental and engineering services industries. As a Principal and National Client Manager working within Partner's Investment Advisory Group, Ms. Ponce strives to provide the expected high level of client service for the Equity Asset Management industry.

Ms. Ponce has significant experience in the field of environmental due diligence, site assessment, remediation, and regulatory compliance. Ms. Ponce provides environmental support to clients nationwide during the acquisition, disposition, development, and on-going management and operation of commercial, industrial, and multifamily residential properties.

Ms. Ponce has considerable experience in Phase I and Phase II Environmental Site Assessments (ESAs) of commercial, agricultural, and industrial properties and projects involving water quality, soil quality, and regulatory compliance including hazardous and solid waste site characterization and remediation; remediation system design installation, and operation; tank removals; asbestos surveys; lead-based paint surveys; radon studies; mold assessments; lead-in water sampling and analysis; and technical reporting.

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Ms. Ponce has been involved with feasibility and treatability studies associated with several remediation projects including soil and groundwater treatment systems, UST/LUST closures, and management of construction soils generated during redevelopment of agricultural and industrial properties. Other equity and finance level services managed and directed by Ms. Ponce include management of Property Condition Assessments, ALTA Land Surveys, zoning reports, Seismic Risk Assessments (PML), Construction Risk Management, construction monitoring services, and construction document cost review analysis.

Real estate investors, financial institutions, insurance lenders, property managers, developers, and brokers have come to rely on her advice and judgment to help them with their real estate business decisions. Ms. Ponce is a dedicated professional who takes pride and pleasure in meeting her client's needs and spearheading and assembling the team with the expertise to handle any issue that may come up during the real estate transaction.

# **Project Experience**

Ms. Ponce has conducted, managed, and directed thousands of ESAs, industrial hygiene, and engineering assessments throughout her career, nationally and globally. The following select projects and client base provide a glimpse of her consulting experience and due diligence background:

Ford Leasing Development Company / Sunset Ford, Westminster, California. Conducted a Phase I and II ESA and remedial activities at a closing automobile dealership with 41 service bays containing active, decommissioned, or removed in-ground hydraulic vehicle lifts. The Phase II ESA identified petroleum hydrocarbon and VOC impacts in soil and groundwater in the immediate vicinity of the lifts. Based on the identified impacts, managed the removal of all lifts and contaminated soil under regulatory oversight and conducted a comprehensive site investigation, including well installation and soil, groundwater, and soil vapor sampling. Prepared and submitted final reports to the client and regulatory agencies and obtained regulatory site closure.

*UBS Realty Investors, LLC, Riverside, California.* Conducted a Phase I ESA of an approximately 36-acre commercial shopping center containing retail stores; restaurants; banks; grocery stores; a movie theater; hair, nail, and beauty salons; and a dry cleaner in a total of 16 buildings. Work included site reconnaissance, tenant inspections, site history review, database search, and final report preparation with recommendations for additional assessment.

USDA Forest Service, Mountain Center, California. Prepared a Soil Excavation and Groundwater Well Installation Workplan to assess a release that was discovered during the removal of two 1,000-gallon USTs. Elevated contaminant concentrations were detected in confirmation soil samples collected at that time. Installed one groundwater monitoring well into fractured bedrock and later abandoned the well due to planned excavation activities in the area. A groundwater sample collected prior to well abandonment contained elevated contaminant concentrations. Prepared a Site Investigation Summary Report summarizing site activities and investigations to date. Prepared a Groundwater Assessment Workplan to assess the extent of contaminant concentrations in groundwater. Site assessment work is pending.

American Golf Corporation, Eighteen Sites in Southern California. Managed underground storage tank removal and closure activities. Work included performing initial confirmation soil sampling and analysis and subsequent monitoring and soil and/or groundwater testing in association with the removal of the



underground storage tanks, associated dispensers, and piping at sixteen sites located throughout Southern California. Prepared soil and/or groundwater investigation workplans as needed to address contamination issues at several of the sites and closure reports for the various State and local authorities. To date, regulatory closure has been obtained at most of the facilities. Currently managing ongoing monitoring and/or remediation is occurring at several of the facilities.

G.E. Capital, Tijuana, Mexico. Managed and conducted more than 30 Phase I and Phase II ESAs for active and proposed industrial developments within various areas of Tijuana, Mexico. Work included site reconnaissance, site history review, and final report preparation.

#### **Affiliations**

Member, Commercial Real Estate Development Association (NAIOP)

Member, Urban Land Institute (ULI)

Member, National Ground Water Association (NGWA)

Associate Member, American Society of Civil Engineers (ASCE)

Member, Commercial Real Estate Women (CREW)

Member, Groundwater Resources Association (GRA) of California

Intern Environmental Engineer, American Academy of Environmental Engineers (AAEE)

Member, International Council of Shopping Centers (ICSC)

#### Contact

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