Appendices

Appendix G Geology and Environmental Hazards Assessment

Appendices

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April 2019 | Geologic and Environmental Hazards Assessment Report

WEDGEWORTH ELEMENTARY SCHOOL

for Hacienda La Puente Unified School District

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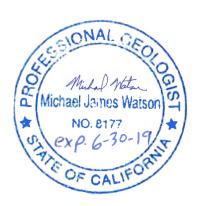




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1. Introduction

1.1 INTRODUCTION

The Hacienda La Puente Unified School District (District) is proposing to redevelop the existing Wedgeworth Elementary School (ES) at 16949 Wedgeworth Drive, Hacienda Heights, Los Angeles County. The existing school serves students in K-5 grades and the planned redevelopment is for a new K-8 school (project site). The State of California's standards for school site selection are found in Title 5 of the California Code of Regulations (CCR) Section 14010, and additional codes and regulations applicable to school facilities that are found in the Education, Government and Public Resources Codes (Ed. Code, Gov't Code and PRC, respectively). This study provides an assessment and supporting documentation of State school facility standards applicable to State-funded new school buildings (SFPD 4.07, Part 4C) and modernization projects (SFPD 4.08B, Section 1).

The California Environmental Quality Act (CEQA) requires lead agencies to address the environmental impacts of a project on the environment. These are separate and distinct from the issues addressed in this study, which deal with a site's ability to provide a safe and healthy environment for the school. Documentation of the project's environmental impacts under CEQA is provided under separate cover.

1.2 PROJECT LOCATION

Wedgeworth Elementary School is at 16949 Wedgeworth Drive, Hacienda Heights, Los Angeles County (Assessor's Parcel Number 8209-001-901), bounded by the State Route (SR) 60 to the north, Wedgeworth Drive to the south, Eagle Park Road to the west, and Pepperbrook Channel to the east. Hacienda Heights is a community in unincorporated Los Angeles County. The Cities of Whittier, La Habra Heights, Diamond Bar, and Industry, and the unincorporated communities of Rowland Heights and North Whittier surround the community of Hacienda Heights. The campus is currently accessed via an enter-only driveway on Wedgeworth Drive and a full-access driveway on Eagle Park Road. The Eagle Park Road driveway also serves the baseball fields. The northern portion of the campus is not part of the site. Michael Watson of PlaceWorks performed a site reconnaissance on April 2, 2019 to confirm the current site conditions. Figure 1, Regional Location, and Figure 2, Aerial Photograph, respectively show the project site from regional and aerial perspectives.

1.3 PROJECT DESCRIPTION

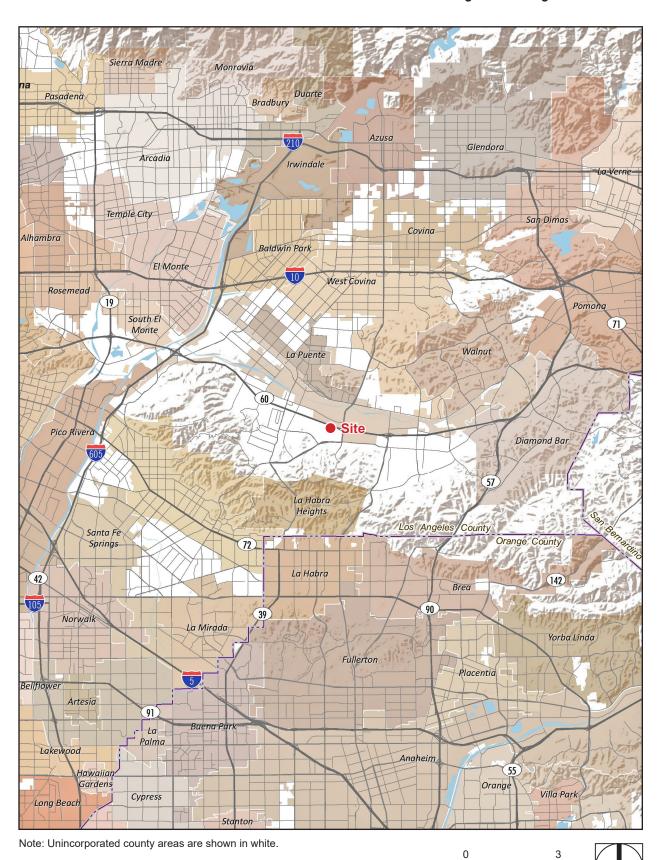
The existing elementary school site encompasses 20 acres, and the District plans on developing a 10-acre portion as a K-8 school, while developing residential units on the remaining 10 acres. The 20-acre project site is currently developed with the existing Wedgeworth Elementary School facilities and baseball park with four baseball fields. The main elementary school campus occupies the southeast corner of the project site, the

1. Introduction

baseball fields and related parking area occupy the northern half portion of the 20-acre site, and the remaining southwest portion of the project site is vacant. Wedgeworth Elementary School has the maximum capacity to serve 600 students, and the 2017-18 school year enrollment was 479 K-5 students (CDE 2018). The school provides portable classroom buildings, hardcourts, turf playfield, and staff and visitor parking lots. Four ballfields are not part of the Wedgeworth Elementary School operation, and they were constructed and operated by the Highlander Baseball organization. The project site is in the East San Gabriel Valley Planning Area, Hacienda Heights Community Plan.

The project site was used for agricultural purposes from at least the 1950s through the 1960s until the project site was developed with existing uses. Prior to deciding whether to proceed with constructing the school, the District requested preparation of a feasibility study to determine if there were any "fatal flaws" at this site that would advise against such actions. This Geologic and Environmental Hazards Assessment (GEHA) is intended to help answer this question.

Figure 1 - Regional Location



PlaceWorks

Scale (Miles)

Source: ESRI, 2018

1. Introduction

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Figure 2 - Aerial Photograph



1. Introduction

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2. Environmental Checklist

2.1 STATE STANDARDS FOR SCHOOL FACILITIES

The State of California's standards for school site selection are found in Title 5 of the California Code of Regulations (CCR) Section 14010 and additional codes and regulations applicable to school facilities are found in the Education, Government and Public Resources Codes (Ed. Code, Gov't Code and PRC, respectively). The following checklist provides a list of questions and code citations related to State-funded school site approvals. An additional report on environmental health and safety issues reviewed in the due diligence process is addressed under a separate cover being concurrently prepared by PlaceWorks.

STATE STANDARDS CHECKLIST FOR STATE-FUNDED SCHOOL FACILITIES— SCHOOL PLAN/MODERNIZATION APPROVAL

(Documentation for SFPD 4.07, Part 4 C and SFPD 4.08B, Section 1)

Торіс	Code References
Air Quality	
Is the boundary of the proposed school site within 500 feet of the edge of the closest traffic lane of a freeway or busy traffic corridor? If yes, would the project create an air quality health risk due to the placement of the school?	Ed. Code § 17213(c)(2)(C); CCR Title 5 § 14010(q)
Would the project create an air quality hazard due to the placement of a school within one-quarter mile of: (a) permitted and non-permitted facilities identified by the jurisdictional air quality control board or air pollution control district; (b) freeways and other busy traffic corridors; (c) large agricultural operations; and/or (d) a rail yard, which might reasonably be anticipated to emit hazardous air emissions, or handle hazardous or acutely hazardous material, substances, or waste?	Ed. Code § 17213(b); CCR Title 5 § 14010(q)
Geology and Soils	
Does the site contain an active earthquake fault or fault trace, or is the site located within the boundaries of any special studies zone or within an area designated as geologically hazardous in the safety element of the local general plan?	Ed. Code, §17212 and §17212.5; CCR Title 5 §14010(f)
Would the project involve the construction, reconstruction, or relocation of any school building on a pressure ridge or the trace of a geological fault along which surface rupture can reasonably be expected to occur within the life of the school building?	Ed. Code §17212.5
Would the project involve the construction, reconstruction, or relocation of any school building on a site subject to moderate-to-high liquefaction, landslides, or expansive soils?	CCR, Title 5 §14010(i) School Site Selection and Approval Guide, Appendix H
Are naturally occurring asbestos minerals located at the site?	School Site Selection and Approval Guide, Appendix H
Hazards and Hazardous Materials	
Is the proposed school site located near an aboveground water or fuel storage tank or within 1,500 feet of an easement of an aboveground or underground pipeline that can pose a safety hazard to the site?	CCR, Title 5 § 14010 (h)
Is the property line of the proposed school site less than the following distances from the edge of respective power line easements: (1) 100 feet of a 50–133 kV line; (2) 150 feet of a 220–230 kV line; or (3) 350 feet of a 500–550 kV line?	CCR, Title 5 § 14010 (c)

2. Environmental Checklist

If prepared, has the risk assessment been performed with a focus on children's health posed by a hazardous materials release or threatened release, or the presence of naturally occurring hazardous materials on the schoolsite?	Ed. Code § 17210.1(a)(3)
If a response action is necessary and proposed as part of this project, has it been developed to be protective of children's health, with an ample margin of safety?	Ed. Code § 17210.1(a)(4)
Is the proposed school site situated within 2,000 feet of a significant disposal of hazardous waste?	CCR, Title 5 § 14010 (t)
Hydrology and Flooding	
Is the project site subject to flooding or tank/dam inundation or street flooding?	Ed. Code § 17212 and 17212.5; CCR, Title 5 § 14010 (g) School Site Selection and Approval Guide, Appendix H
Land Use and Planning	
Would the proposed school conflict with any existing or proposed land uses, such that a potential health or safety risk to students would be created?	Ed. Code § 17213; Gov't. Code § 65402; CCR, Title 5 § 14010 (m)
Are there easements on or adjacent to the site that would restrict access or building placement?	CCR, Title 5 § 14010(r)
Has the district considered environmental factors of light, wind, noise, aesthetics, and air pollution in its site selection process?	CCR, Title 5 § 14010(q)
Noise	
Is the proposed school site located adjacent to or near a major arterial roadway or freeway whose noise generation may adversely affect the educational program?	CCR, Title 5 § 14010 (e)
Public Services	
Does the site promote joint use of parks, libraries, museums, and other public services?	CCR, Title 5, § 14010 (o)
Is the site conveniently located for public services, including but not limited to fire protection, police protection, public transit and trash disposal wherever feasible?	CCR, Title 5, § 14010 (p)
Transportation/Traffic	
Are traffic and pedestrian hazards mitigated per Caltrans' School Area Pedestrian Safety manual?	CCR, Title 5 § 14010 (I)
Is the proposed school site within 1,500 feet of a railroad track easement?	CCR, Title 5 § 14010 (d)
School building "means and includes any building used, or designed to be used, for elementary or secondary school or added to" (Ed. Code § 17283).	ourposes and constructed, reconstructed, altered,

Section 2.1 provided a checklist of the State of California's health and safety standards for school sites. This section provides documentation and an evaluation of applicable standards, and mitigation measures where appropriate.

3.1 AIR QUALITY

3.1.1 Is the boundary of the proposed school site within 500 feet of the edge of the closest traffic lane of a freeway or busy traffic corridor? If yes, would the project create an air quality health risk due to the placement of the school?

No Significant Hazard. Public Resources Code Section 21151.8(b)(9) and Education Code Section 17213(d)(9) define a "freeway or other busy traffic corridors" as roadways that on an average day have traffic in excess of 50,000 vehicles in a rural area or 100,000 vehicles in an urban area. State Route (SR) 60 is located on the north side of the existing baseball fields, about 240 feet north of the site (USGS 2018). Based on the Health Risk Assessment conducted for the project, hazardous air emissions are not anticipated to pose an actual or potential endangerment to students and staff occupying the project site and no mitigation measures are required (PlaceWorks 2018). Therefore, potential air quality risks due to the school's proximity to a freeway or busy traffic corridor is not a hazard, and the project will not create any significant hazards.

3.1.2 Would the project create an air quality hazard due to the placement of a school within one-quarter mile of: (a) permitted and non-permitted facilities identified by the jurisdictional air quality control board or air pollution control district; (b) freeways and other busy traffic corridors; (c) large agricultural operations; and/or (d) a rail yard, which might reasonably be anticipated to emit hazardous air emissions, or handle hazardous or acutely hazardous material, substances, or waste?

No Significant Hazard. Based on a review of the South Coast Air Quality Management District's (AQMD) Facility Information Detail (FIND) database, there are two permitted and one nonpermitted facilities within a quarter mile of the site (AQMD 2019). A Health Risk Assessment was conducted for the project, which concluded that hazardous air emissions are not anticipated to pose an actual or potential endangerment to students and staff occupying the project site and no mitigation measures are required (PlaceWorks 2018). Based on a review of Google Earth (2019) and a site reconnaissance (PlaceWorks 2019), there are no large agricultural operations, or rail yards within a quarter mile of the project site.

3.2 GEOLOGY AND SOILS

Based on a review of the United States Geological Survey (USGS) 7.5-minute Topographic Series, La Habra, California Quadrangle Map (USGS 2018), the property is located in the San Jose Creek Valley at the southern

margin of the San Gabriel Valley. The Peninsular Ranges Geomorphic Province extends approximately 900 miles southward from the Los Angeles Basin to Baja California, Mexico and is characterized by elongated northwest-trending mountain ranges separated by sediment-floored valleys (Yerkes et al. 1965). The most dominant structural features of the province are the northwest-trending fault zones, most of which die out, merge with, or are terminated by the steep reverse faults at the southern margin of the San Gabriel Mountains within the Transverse Ranges Geomorphic Province north of the site. The property itself sits atop middle Holocene alluvial fan deposits (Morton 2004).

3.2.1 Does the site contain an active earthquake fault or fault trace, or is the site located within the boundaries of any special studies zone or within an area designated as geologically hazardous in the safety element of the local general plan?

No Significant Hazard. The site is not within or immediately adjacent (i.e., within a few hundred feet) to an Alquist-Priolo Earthquake Fault Zone (California Geological Survey [CGS] 2016). The nearest Alquist-Priolo Earthquake Fault Zone is located approximately 2.2 miles southwest of the site for the Whittier Fault. Based on a review of readily-available geologic literature (Morton 2004; CGS 2000a; CGS 2019; Jennings and Bryant 2010) and the Los Angeles County General Plan 2035 (2015), there are no known active faults or geologically hazardous areas on or immediately adjacent to the site. The site is within an area potentially susceptible to liquefaction, but this condition will be further evaluated and mitigated as necessary following California Department of Education policy.

3.2.2 Would the project involve the construction, reconstruction, or relocation of any school building on a pressure ridge or the trace of a geological fault along which surface rupture can reasonably be expected to occur within the life of the school building?

No Significant Hazard. The site is not within or immediately adjacent (i.e., within a few hundred feet) to an Alquist-Priolo Earthquake Fault Zone (CGS 2016). The nearest Alquist-Priolo Earthquake Fault Zone is located approximately 2.2 miles southwest of the site for the Whittier Fault. Based on a review of readily-available geologic literature (Morton 2004; CGS 2000a; CGS 2019; Jennings and Bryant 2010) and the Los Angeles County General Plan 2035 (2015), the site is not on a pressure ridge, and there are no known active faults on or immediately adjacent to the site. On this basis, the potential for tectonic fault rupture at the site is considered negligible.

3.2.3 Would the project involve the construction, reconstruction, or relocation of any school building on a site subject to moderate-to-high liquefaction, landslides, or expansive soils?

No Significant Hazard. Liquefaction refers to loose, saturated sand, or gravel deposits that lose their load-supporting capability when subjected to intense shaking. Liquefaction potential varies based upon three main contributing factors: 1) cohesion less, granular soils having relatively low densities (usually of Holocene age); 2) shallow groundwater (generally less than 50 feet); and 3) moderate to high seismic ground shaking.

Based on seismic hazard mapping within the La Habra Quadrangle, the site is located in an area susceptible to liquefaction (CGS 2016). The project will be evaluated for the potential for liquefaction under the oversight of CGS and Division of the State Architect [DSA]. Therefore, the project will not expose people or the new school buildings to adverse effects associated with liquefaction.

Landsliding is a type of erosion in which masses of earth and rock move down slope as a single unit. Susceptibility of slopes to landslides and other forms of slope failure depend on several factors. These factors are usually present in combination and include steep slopes, condition of rock and soil materials, the presence of water, formational contacts, geologic shear zones, and seismic activity.

The site is not mapped within an earthquake induced landslide zone (CGS 2016). According to Morton (2004), no known landslides exist on the site or within the nearby vicinity. Therefore, the project will not expose people or the new school buildings to adverse effects associated with landslides.

Expansive soils swell when they become wet and shrink when they dry out, resulting in the potential for cracked building foundations and in some cases, structural distress of the buildings themselves. In each case, minor to severe damage to overlying structures is possible. CGS and DSA will ensure that the buildings are tested for, and if necessary, sufficiently mitigated for the condition. Therefore, the project will not expose people or the new school buildings to adverse effects associated with expansive soils.

3.2.4 Are naturally occurring asbestos minerals located at the site?

No Significant Hazard. Based on available data, no naturally-occurring serpentine rock or rock formations that may contain a significant quantity of asbestos are located in within 10 miles of the site (CGS 2000b; Van Gosen and Clinkenbeard 2011). The nearest outcrop of serpentine rock is located on Santa Catalina Island offshore and about 50 miles southwest of the site.

3.3 HAZARDS AND HAZARDOUS MATERIALS

3.3.1 Is the proposed school site located near an aboveground water or fuel storage tank or within 1,500 feet of an easement of an aboveground or underground pipeline that can pose a safety hazard to the site?

Aboveground Water or Fuel Storage Tank

No Significant Hazard. No aboveground water or fuel storage tanks were identified within a 1,500-foot radius, based on a site reconnaissance (PlaceWorks 2019), and review of a topographic map (USGS 2018). The development of the project will not create any significant hazard.

Hazardous Substance Pipelines

No Significant Hazard. There are no chemical pipelines within a 1,500-foot radius, according to the National Pipeline Mapping System (online mapping database (NPMS 2019). There are no high pressure natural gas pipelines within a 1,500-foot radius. Appendix A has all the responses from the agencies contacted.

Sewer and Water Pipelines

No Significant Hazard. Based on plans from Rowland Water District, there are five large volume (≥12 inch diameter) pipelines and no pressurized sewer lines within 1,500 feet of the school site. One 12-inch diameter

recycled water line is located beneath Countrywood Avenue to the southwest of the site. A 12-inch diameter water line is located beneath Wedgeworth Drive west of Eagle Park Road, west of the site. A 12-inch diameter water line is located beneath Pepper Brook Way, south of the site. A 12-inch diameter water line is located beneath Gale Avenue, north of the site. A 12-inch diameter water line is located beneath Evergreen Place, northeast of the site. Based on the width of the roadways and diameter of the water lines, the water released from a full flow rupture of the Rowland Water District water pipelines would be confined by street curbing to the roadways and would not result in the flooding of the project site. A Water Line Analysis is included in Appendix B. The project would not any create any significant hazards to students at the site.

3.3.2 Is the property line of the proposed school site less than the following distances from the edge of respective power line easements: (1) 100 feet of a 50–133 kV line; (2) 150 feet of a 220–230 kV line; or (3) 350 feet of a 500–550 kV line?

No Significant Hazard. Based on the response from Southern California Edison, there are no power lines 50 kV or greater within the CDE setback criteria. Therefore, the project will not create any significant safety hazards to students.

3.3.3 If prepared, has the risk assessment been performed with a focus on children's health posed by a hazardous materials release or threatened release, or the presence of naturally occurring hazardous materials on the school site?

No Significant Hazard. PlaceWorks is currently preparing a Preliminary Environmental Assessment for the site, which will determine if there are any known hazardous materials releases or threatened releases are on the project site. In addition, as stated in Section 3.2.4, there are no naturally-occurring asbestos deposits in the vicinity of the site.

3.3.4 If a response action is necessary and proposed as part of this project, has it been developed to be protective of children's health, with an ample margin of safety?

No Significant Hazard. Based on the preliminary results of the Preliminary Environmental Assessment, a response action is not necessary at the site.

3.3.5 Is the proposed school site situated within 2,000 feet of a significant disposal of hazardous waste?

No Significant Hazard. Based on a review of the GeoTracker website, the project site is not within 2,000 feet of a significant disposal of hazardous waste.

3.4 HYDROLOGY AND FLOODING

3.4.1 Is the project site subject to flooding or tank/dam inundation or street flooding?

No Significant Hazard. According to the FEMA Map Service Center website, the site does not lie within a 100-year flood zone. The California Office of Emergency Service (Cal OES) Dam Inundation Map website does not show the project site within a dam inundation zone (2016).

A seiche is an oscillating surface wave in a restricted or enclosed body of water, generated by ground motion, usually during an earthquake. Seiches are of concern relative to water storage facilities, because inundation from a seiche can occur if the wave overflows a containment wall, such as the wall of a reservoir, water storage tank, dam, or other artificial body of water. As there are no large permanent bodies of water on, or topographically upgradient in the immediate vicinity of the subject site, seiching is not considered to be a potential hazard for the site.

Tsunamis are a type of earthquake-induced flooding produced by large-scale sudden disturbances of the sea floor. Tsunami waves interact with the shallow sea floor bathymetry upon approaching a landmass, resulting in an increase in wave height, and a destructive run-up (wave surge) into low-lying coastal areas. Based on the elevation of the site and the distance from the ocean, the potential for tsunami inundation at the site is negligible.

3.5 LAND USE AND PLANNING

3.5.1 Would the proposed school conflict with any existing or proposed land uses, such that a potential health or safety risk to students would be created?

No Significant Hazard. As shown in the aerial photograph in Figure 2, the project site is already utilized as a school site and is situated in a developed residential area. Properties within a quarter-mile radius of the site are generally zoned for residential. Based on a review of the Los Angeles County Department of Regional Planning website, there are currently no proposed land uses or zoning changes in the project area. Therefore, there is no significant hazard to the project.

3.5.2 Are there easements on or adjacent to the site that would restrict access or building placement?

No Significant Hazard. Based on a review of the assessor's parcel map, no easements are located on or near the project site. Therefore, there is no significant hazard to the project.

3.5.3 Has the district considered environmental factors of light, wind, noise, aesthetics, and air pollution in its site selection process?

Light and Wind

No Significant Hazard. The project site would be exposed to standard climate conditions experienced by Hacienda Heights, which is generally characterized by a generally warm to very mild climate. The predominant wind direction is from the south-southwest, although the strongest winds are from the north, and are below 24 miles per hour (Meteoblue 2019) As applicable, operation of the proposed project would consider these environmental conditions. Therefore, project implementation would not expose site occupants to adverse light or wind conditions.

Aesthetics

No Significant Hazard. Project development would not degrade the existing visual character of the site, which is already an existing school. The project site is in an area with suburban land uses. Development of

the proposed project would be consistent with the surrounding land uses. The character and quality of the site would not be incompatible with the nearby structures.

Noise

See section 3.6.1 below.

Air Pollution

No Significant Hazard. As stated in Section 3.1.2, there are two permitted and one nonpermitted facilities within a quarter mile of the site (AQMD 2019). The SR-60 freeway is located about 240 feet north of the site. In addition, there are no busy traffic corridors within 500 feet of the project site. A Health Risk Assessment was conducted for the project, which concluded that hazardous air emissions are not anticipated to pose an actual or potential endangerment to students and staff occupying the project site and no mitigation measures are required (PlaceWorks 2018).

3.6 NOISE

3.6.1 Is the proposed school site located adjacent to or near a major arterial roadway or freeway whose noise generation may adversely affect the educational program?

No Significant Hazard. The project site is surrounded by residential streets on all sides. The project will put the school farther away from the SR-60 freeway than what currently exists. The project would not exacerbate the existing hazards. No significant impacts would occur as a result of the proposed project.

3.7 PUBLIC SERVICES

3.7.1 Does the site promote joint use of parks, libraries, museums, and other public services?

No Significant Hazard. The school could be made available for public use as the scheduling of scholastic purposes allow, in accordance with the Civic Center Act and District policy. No significant impacts would occur as a result of the proposed project.

3.7.2 Is the site conveniently located for public services, including but not limited to fire protection, police protection, public transit and trash disposal wherever feasible?

No Significant Hazard. The project site is located 2.1-miles southeast of the City of Industry Police Station and 0.20-miles southwest of Fire Station 118. The Colima Road and Park Lawn Road bus stop is 0.3 miles to the south of the project site and the Puente Hills Mall bus stop is about a half mile to the east of the project site. Los Angeles County also provides regular trash collection services to the project site and surrounding area.

3.8 TRANSPORTATION/TRAFFIC

3.8.1 Are traffic and pedestrian hazards mitigated per Caltrans' School Area Pedestrian Safety manual?

No Significant Hazard. Traffic and pedestrian hazards for the existing Wedgeworth Elementary School are mitigated per Caltrans School Area Pedestrian Safety Manual (Caltrans 1996). The school implements safety programs in line with the safety manual and will augment the program accordingly when the school site is expanded. Furthermore, the School Area Pedestrian Safety Manual will be used as a guide, but decisions related to particular traffic control devices at particular locations shall be made on the basis of an engineering and traffic survey. The school district governing board may request the appropriate city, county, or state agency to consider the installation of traffic control devices if the engineering and traffic survey determines the request to be justified. Traffic control devices include (Caltrans 1996):

- Warning signs and markings.
- 2. Variable speed limits.
- Intersection stop signs.
- 4. Flashing yellow beacons.
- 5. Traffic signals.
- 6. Remove visibility obstructions.
- School Safety Patrol.
- 8. Adult Crossing Guard.
- 9. Pedestrian separation structures.
- 10. Pedestrian walkways along the roadway.
- 11. Pedestrian walkways separated from the roadway.
- 12. Parking controls and curb-use zones.
- 13. Bus transportation.

Based on existing conditions, the future project is not expected to have any significant traffic or pedestrian hazards to overcome on the existing school campus.

3.8.2 Is the proposed school site within 1,500 feet of a railroad track easement?

No Significant Hazard. Based on a review of Google Earth, the site is not located within 1,500 feet of a railroad track easement.

3.9 EXEMPTIONS TO SITING STANDARDS

3.9.1 Is the district seeking any exemptions to the standards found in CCR, Title 5, § 14010(c-i), (l), (m), (q), (c), (t)?

No Significant Hazard. The District is not seeking any exemptions to the standards found in CCR, Title 5 § 14010(c) through (t).

4. Conclusions and Recommendations

Based on the above literature review of geologic and environmental hazards that could potentially be a "fatal flaw" for the site, no known potential geologic or environmental hazards exist at the site that would disqualify the site for the proposed school improvements. A Preliminary Environmental Assessment is also being prepared for due diligence purposes.

4. Conclusions and Recommendations

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5.2 RECONNAISSANCE

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- National Pipeline Mapping System (NPMS), 2019. NPMS Public Map Viewer website, https://www.npms.phmsa.dot.gov/PublicViewer/.
- Southern California Air Quality Management District (AQMD), 2019. Facility Information Detail (FIND) database, http://www.aqmd.gov/home/tools/public/find.
- State Water Resources Control Board (SWRCB), 2019. GeoTracker website. http://geotracker.waterboards.ca.gov.

6. List of Preparers

6.1 LEAD AGENCY

Hacienda La Puente Unified School District 15959 Gale Avenue City of Industry, CA 91716

6.2 PLACEWORKS

PlaceWorks 2850 Inland Empire Boulevard, Suite B Ontario, CA 91764 Tel: 909.989.4449

Tel: 909.989.4449 Fax: 909.989.4447 Michael Watson, PG Associate Geologist

6. List of Preparers

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Appendix

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16949 WEDGEWORTH DR, HACIENDA HEIGHTS, LOS ANGELES

NEXTGLAVEN

EMERGENCY

CROWN CASTLE NOC

888-632-0931

VACUUM

RICH SANDALA

724-416-2973

RICH.SANDALA@CROWNCASTLE.COM

DESIGN

REBECCA CALDWELL

2000 CORPORATE DR, CANONSBURG, PA 15317

888-632-0931

FIBER.DIG@CROWNCASTLE.COM

ROW01

EMERGENCY

DAVE SHUBIN

562-697-1726

DSHUBIN@ROWLANDWATER.COM

VACUUM

Information Not Available

DESIGN

DAVE WARREN

3021 FULLERTON RD, ROWLAND HEIGHTS, CA 91748

562-697-1726

DWARREN@ROWLANDWATER.COM

SCG4QB

EMERGENCY

LEAD DISPATCHER

800-603-7060

VACUUM

NO PERMISSION REQUIRED

DESIGN

RYAN LOPEZ

1919 S. STATE COLLEGE BLVD, ANAHEIM, CA 92806

714-634-5067

RLOPEZ2@SEMPRAUTILITIES.COM

UQSTSO

AFTER HOURS

Information Not Available

VACUUM

Information Not Available

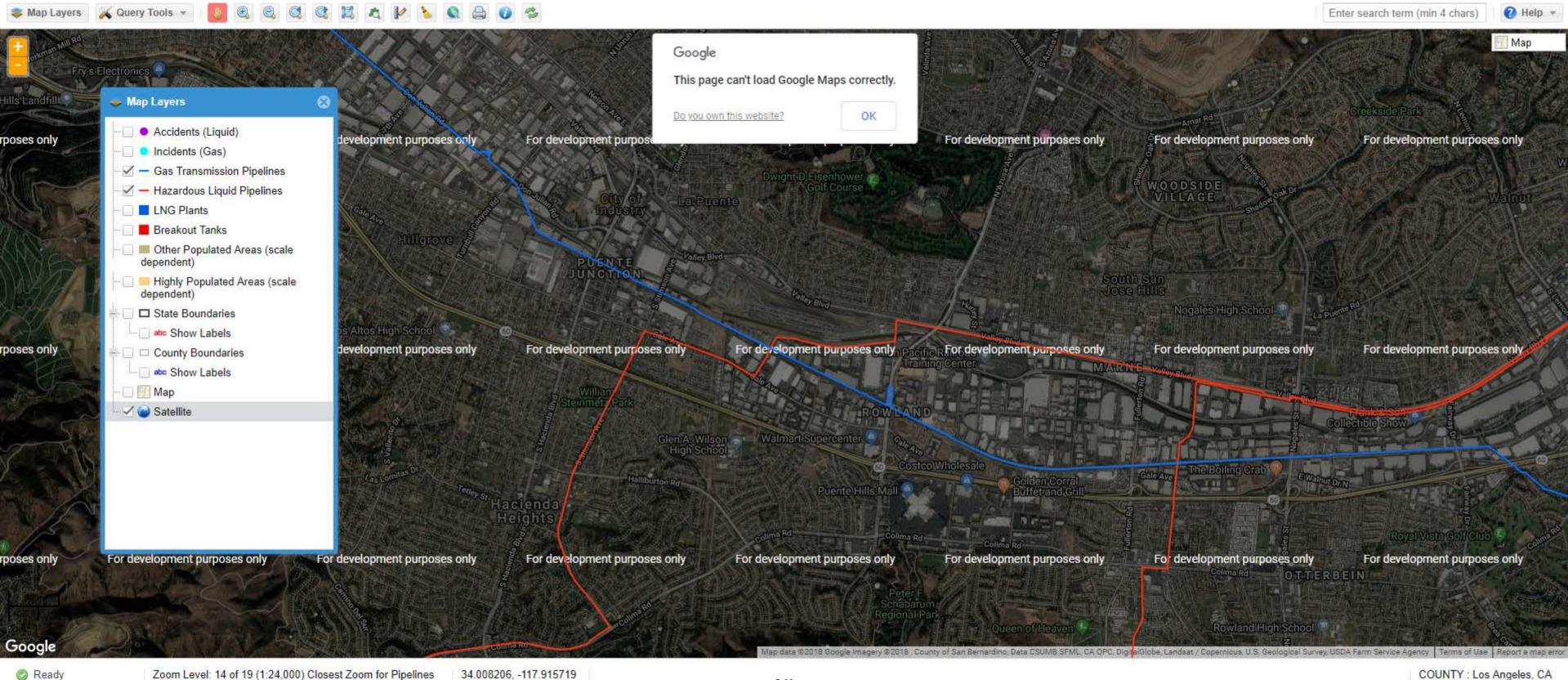
DESIGN

Information Not Available

USCE07 **EMERGENCY** SC EDISON PERSONNEL 800-611-1911 **VACUUM GILBERT ACEVES** 14005 S. BENSON AVE, CHINO, CA 91710 909-548-7249 GILBERT.ACEVES@SCE.COM **DESIGN GILBERT ACEVES** 14005 S BENSON AVE, CHINO, CA 91710 909-329-9445 MAPREQUESTS@SCE.COM **USCETT84SE EMERGENCY TCC** 800-655-8844 TCCINBOX@SCE.COM **VACUUM JACK NEILL** 2885 W FOOTHILL BLVD, SAN BERNARDINO, CA 92410 909-873-3263 JACK.NEILL@SCE.COM **DESIGN GILBERT ACEVES** 14005 S BENSON AVE, CHINO, CA 91710 909-329-9445 MAPREQUESTS@SCE.COM UUCT01 **EMERGENCY** Information Not Available **VACUUM** Information Not Available **DESIGN** JEFF FLACO 15255 SALT LAKE AVE, CITY OF INDUSTRY, CA 91744 626-855-3349 JEFF.FLACO@CHARTER.COM **UVZHTB EMERGENCY** REPAIR CALL CENTER 800-921-8101 **VACUUM** NONE PROVIDED 800-837-4966 **DESIGN** RAY ROUNDTREE

714-837-7851





1919 S. State College Blvd. Anaheim, CA 92806-6114



November 16, 2018

Placeworks 2850 Inland Empire Blvd, Suite B Ontario, CA 91764

Attn: Danielle Clendening

Subject: Map Request for 16949 Wedgeworth Drive; Hacienda Heights.

Enclosed is the information you requested relating to the location of gas facilities within the area of your project. The information we have provided was obtained from a search of all our available records and are approximate in nature. Due to numerous factors, the depths of our facilities vary and should not be taken for granted. If exact depth location and information is required at points of possible interference, it will be necessary to physically check the facility in question.

It is extremely important that you furnish us with "signed" final plans and subsequent plan revisions as soon as they are available. A minimum of twelve (12) weeks is needed to analyze your plans and to design required alterations due to any conflicting facilities. Depending on the magnitude of the work involved, additional time may then be required to clear the conflict. Please keep us informed of construction schedules, preconstruction meetings, etc., so that our work can be scheduled accordingly.

Upon request, at least two (2) working days prior to the start of construction, we will locate and mark our active underground facilities for the contractor at no cost. Please call Underground Service Alert (USA) at (800) 422-4133.

You will also have to contact our Transmission Department regarding the above-mentioned request. CPUC Regulations require notification of both So Cal Gas Distribution and Transmission of all work being conducted. Please contact Southern Region Transmission, at 9400 Oakdale Avenue, Chatsworth, CA 91313, SoCalGasTransmissionUtilityRequest@semprautilities.com. They will need a notification letter and plans.

If you have any questions or require additional information please contact me at (213) 231-7688

Sincerely,

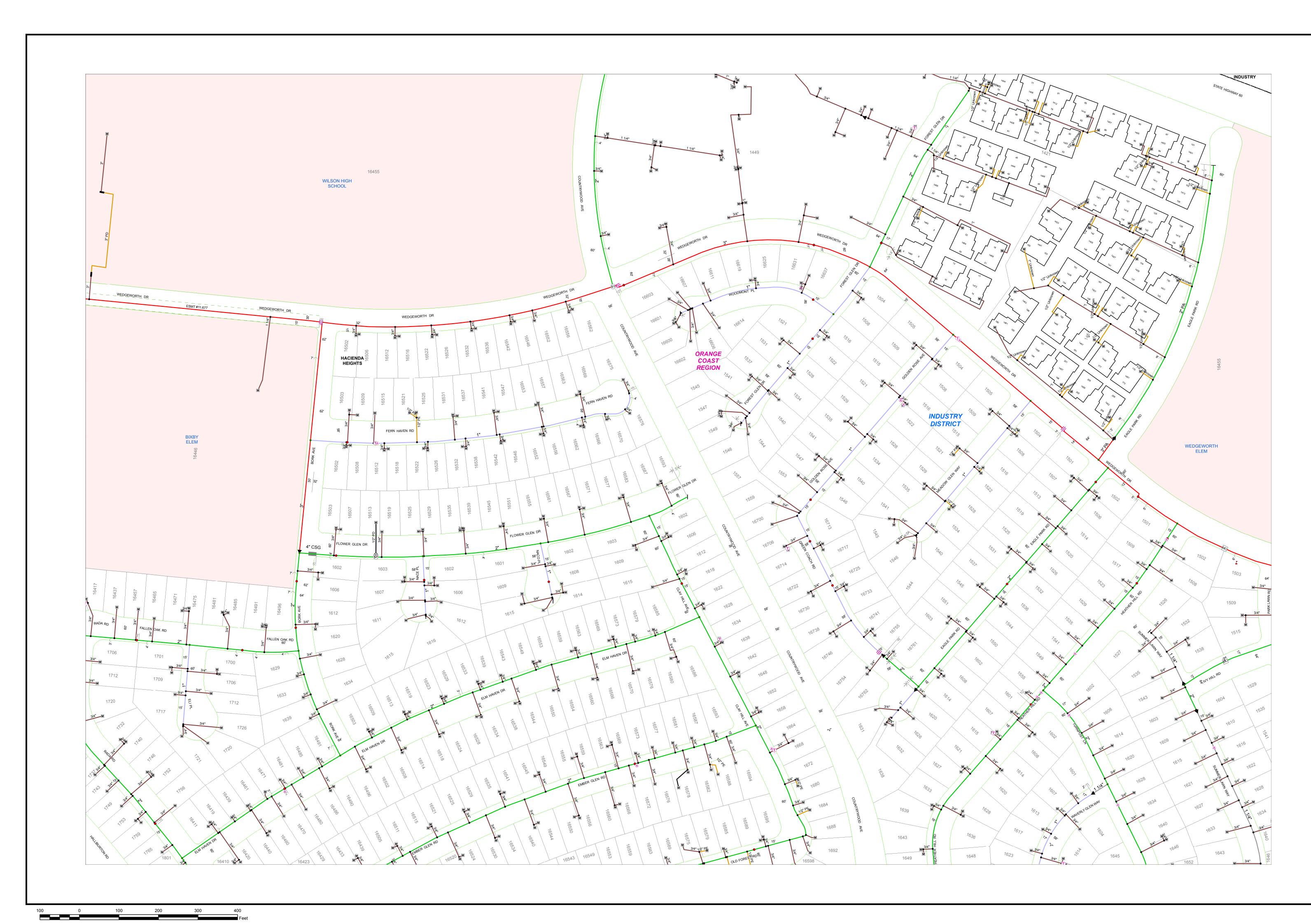
Gabriel Davalos

GDavalos2@semprautilities.com

Planning Associate

SouthEast Region - Anaheim Planning & Engineering

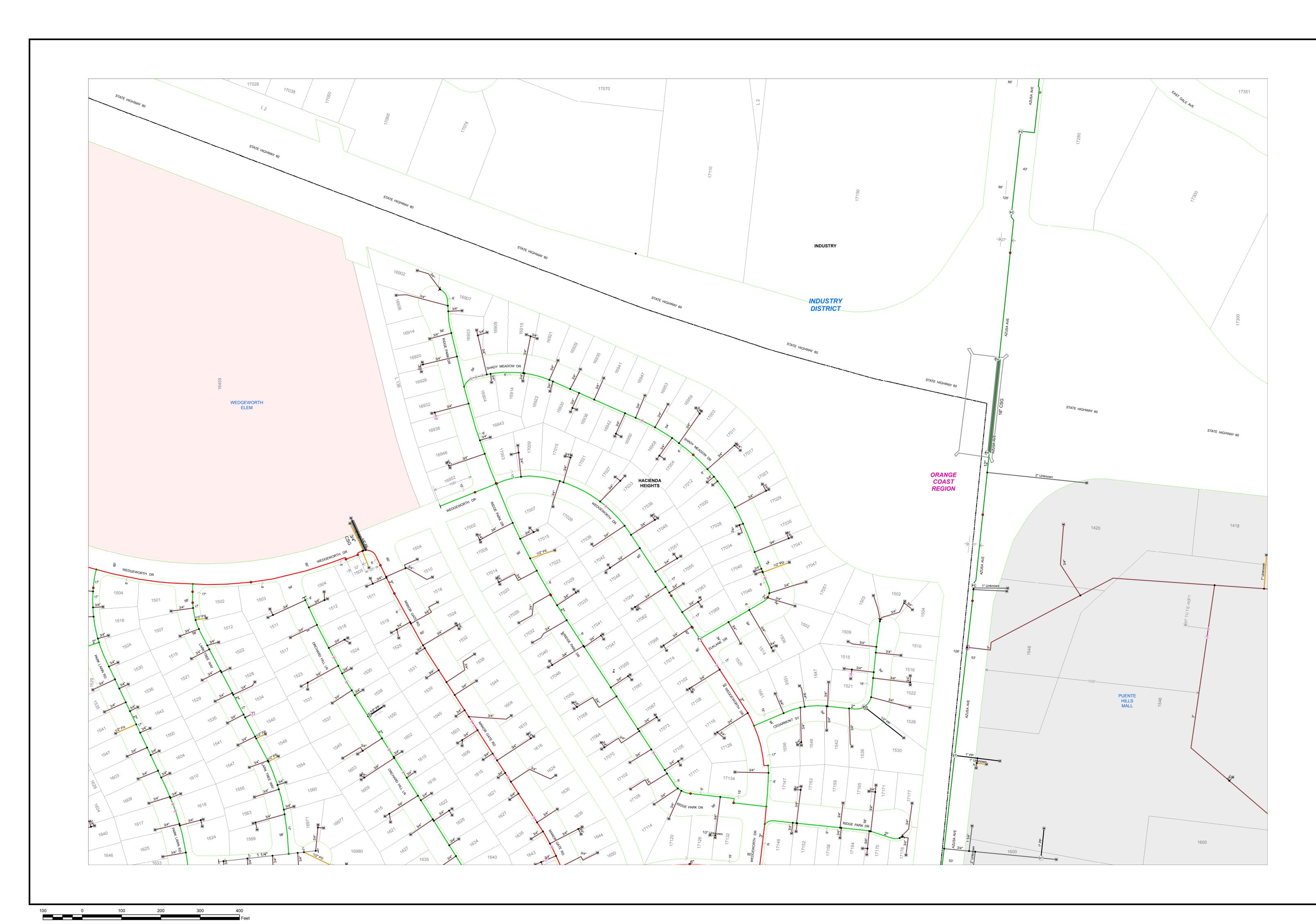
GD/ao enclosure atlas.doc





1 inch = 100 feet

ap Number:	Grid ID
ap Type:	Gas Asset Map
inted By:	User
inted Date:	11/16/2018





1 inch = 100 feet

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Jumber:	Grid ID	
Гуре:	Gas Asset Map	
d By:	User	
d Date:	11/16/2018	

he facilities and their depiction on these maps are believed to be reasonably accurate, but the maps are not to be used in lieu of field verification or calling black at 800-422-4133. NO WARRANTY expressed or implied (including of merchantability or of fitness for particular purpose) is made as to any matter, JSA at 800-422-4133. NO WARRANTY expressed or implied (including of merchantability or of fitness for particular purpose) is made as to any matter, cluding but not imited to, the design, size, type or location of the facilities, their presence of absence, the accuracy of the means, the means used to transmit ed ata, absence of viruses (if transmitted electronically, by disk or diskette), data translation or transmission errors or omissions, compatibility with the ser's system or its ability to interpret the data correctly or at all, or any other matter. The Gas Company has no liability for damages (direct, indirect, onsequential, incidental or punitive) arising from the transmission, receipt or use by others of the maps or information contained in the maps.

SocalGas

A Sempra Energy utility



Mike Campisi Pipeline Planning Assistant

> 9400 Oakdale Ave Chatsworth, CA 91311

> > Tel: 213-231-6081

February 27, 2019

Danielle Clendening PLACEWORKS 2850 Inland Empire Boulevard, Suite B Ontario, California 91764 dbclendening@placeworks.com

Subject: 16949 Wedgeworth Drive

Hacienda Heights, CA.

DCF: 0238-19

The Transmission Department of SoCalGas does not operate any facilities within 1500 feet of the address stated above. However, the Distribution Department of SoCalGas may maintain and operate facilities within that location.

To assure no conflict with the Distribution's pipeline system, please e-mail them at:

AtlasRequests/WillServeAnaheim@semprautilities.com

Sincerely,

Mike Campisi
Pipeline Planning Assistant
SoCalGas Transmission Technical Services
SoCalGasTransmissionUtilityRequest@semprautilities.com

From: Phil Hung

To: <u>Danielle Clendening</u>
Cc: <u>Ann Almonte</u>

Subject: RE: (External):RE: (External):Title 5 Powerline Information Request for a School Site in Hacienda Heights, CA

Date: Friday, November 16, 2018 2:02:57 PM

Attachments: <u>image005.pnq</u>

image001.png

Voltage ID Report - Wedgeworth Property.pdf

Wedgeworth Property EMF-BG.pdf

Hi Danielle,

Attached is the voltage ID report that you requested for the Wedgeworth property in Hacienda Hts. Actually we provided a report for this property almost exactly seven years ago. Not much has changed in this area. I'm also attaching the old report for your reference.

Phil Hung, P.E.

Senior Advisor

Edison Safety

T. 626-633-3415 | PAX 43415

6042 N. Irwindale Ave, Irwindale CA 91702

southern california EDISON° Energy for What's Ahead™

From: Danielle Clendening [mailto:dbclendening@placeworks.com]

Sent: Monday, November 12, 2018 8:58 AM

To: Phil Hung < Phil. Hung@sce.com>

Cc: Ann Almonte <ann.almonte@sce.com>

Subject: (External):RE: (External):Title 5 Powerline Information Request for a School Site in Hacienda

Heights, CA

Hi Phil and Ann,

I apologize for my mistake, I am only looking for the setback distance of 350 ft. Thank you for clarifying that point!

Best regards, Danielle

From: Phil Hung [mailto:Phil.Hung@sce.com]
Sent: Friday, November 9, 2018 3:00 PM

To: Danielle Clendening **Cc:** Ann Almonte

Subject: RE: (External): Title 5 Powerline Information Request for a School Site in Hacienda Heights, CA

Hello Danielle,

This is to acknowledge that we have received your request. In the future, please also copy Ann Almonte (Ann.Almonte@sce.com) as well when submitting your request. Thank you.

One question for you, the CDE Guideline and CCR only has setback distance of power line to 350 feet. Do you really want power line identification extended all the way to the 1,500 feet radius?

Phil Hung, P.E.

Senior Advisor Edison Safety T. 626-633-3415 | PAX 43415

6042 N. Irwindale Ave, Irwindale CA 91702



From: Danielle Clendening [mailto:dbclendening@placeworks.com]

Sent: Friday, November 09, 2018 11:32 AM

To: Phil Hung < Phil.Hung@sce.com>

Subject: (External): Title 5 Powerline Information Request for a School Site in Hacienda Heights, CA

Good Afternoon Phil,

Hacienda La Puente Unified School District, in compliance with CCR Title V Section 14010 (h), has contracted the services of PlaceWorks to complete safety hazard related to powerlines located within a 1,500-foot radius of a site in the city of Hacienda Heights in unincorporated Los Angeles County. The site address is 16949 Wedgeworth Drive Hacienda Heights, CA.

I have attached a map with the exact site location marked in yellow and an approximately 1,500-foot radius marked in red.

Given the following parameters, could you help me determine if the site is located near power transmission or distribution lines operated by Edison:

The property line of the site shall be at least the following distance from the edge of respective power line easements:

- (1) 100 feet for 50-133 kV line.
- (2) 150 feet for 220-230 kV line.
- (3) 350 feet for 500-550 kV line.

If this not the correct email to be sending such a request, could you please help direct this inquiry to the proper division.

Thank you so much for your help, please contact me if you have any questions or need more information.

DANIELLE CLENDENING

Intern

2850 Inland Empire Boulevard, Suite B | Ontario, California 91764 909.989.4449 | dbclendening@placeworks.com | placeworks.com | <a href="mailto:placeworks.com"

EMF and Energy Group 1218 South 5th Avenue Monrovia, CA 91016

Ph: (626) 462-2549 Fax: (626) 462-8776 E-mail: bryan.glenn@sce.com

SCE EMF Issues Management Report of Proposed or Existing School Site Support

Request Received: 11/2/2011 Received By: BG/AA

<u>Requesting Entity</u>: ___School ___District __X_Consultant:

Alan J. Klein, REA II, Senior Environmental Scientist - Padre Associates, Inc., 916.857.1601

Nature of Request: Voltage ID ___X __ Msmt. Req. ____ Information _____

Other: _____

School District: Hacienda La Puente Unified School District

Site Name: Wedgeworth Property
Site Address: 16949 Wedgeworth Drive

City: Hacienda Heights
County: Los Angeles

Cross Streets: NW Corner of W. Washington Ave. and N. Ross Street

TBM Grid Reference: LA, Pg. 678, Grid F3 and F4

Photo(s):



Corner of Wedgeworth Drive. and Eagle Park Rd. – Looking Northeast

Date of Site Visit: 11/4/2011

<u>Support Action(s) Taken:</u> **SCE database lookup, Site visit**

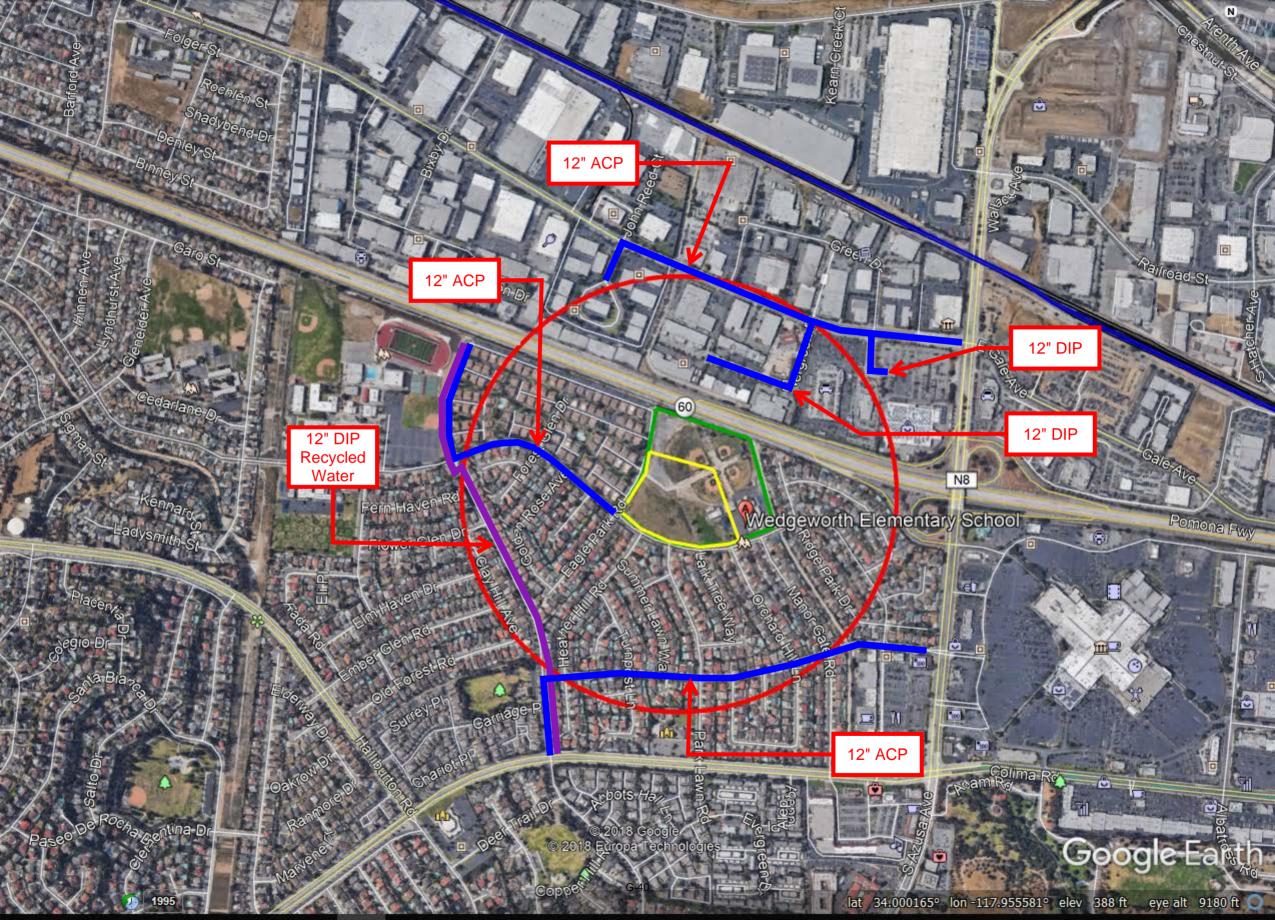
SCE Facilities Identified Within 5CCR Prescribed Distances:

- SCE Facilities located adjacent to the school are 12 kV (underground) and <u>not</u> between 50 kV 133 kV included in the 5CCR Prescribed Distances.
- Per the request, 66 kV SCE Facilities were identified within 1,500 feet of the school and are between 50 kV 133 kV included in the 5CCR Prescribed Distances. The distance of these Facilities exceed the prescribed 100 foot setback and are located on the north side of the California State Route 60.

Date(s) responded to Requestor:

11/3/2011: Acknowledged, (E-mail)

11/7/2011: Supplied Information (E-mail) - no copy





Appendix

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Table AWater Pipeline Analysis
Wedgeworth Elementary School

Street Flow							
Pipeline Diameter (in)	Pipeline Location	Release Rate (cfs)	Street Width (ft)	Longitudinal Slope	Depth of Flow in Street (in)	Curb Height (in)	Exceeds Street Capacity?
12	Wedgeworth Drive	3.93	40	0.003	3.4	6	No
12	Countrywood Avenue	3.93	40	0.018	2.5	6	No
12	Pepper Brook Way	3.93	40	0.016	2.6	6	No
12	Evergreen Place	3.93	48	0.004	3.1	6	No
12	Gale Avenue	3.93	64	0.005	2.8	6	No

