Appendix A:
NOP and Responses and
2018 Alves Ranch Project Initial Study

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A.1 - NOP and Responses to NOP

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City of Pittsburg
Community Development Department – Planning Division
65 Civic Avenue, Pittsburg, CA 94565 | Tel: (925) 252-4920 | Fax: (925) 252-4814

NOTICE OF PREPARATION

To: State Clearinghouse
P.O. Box 3044
Sacramento, CA 95812

To: Responsible Agencies
Trustee Agencies
Local and Public Agencies
Interested Parties

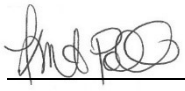
From: City of Pittsburg
Kristin Pollot, AICP, Planning Manager
65 Civic Avenue
Pittsburg, CA 94565

Subject: **Notice of Preparation of a Supplemental Environmental Impact Report for the 2018 Alves Ranch Project**

The City of Pittsburg (City) will be the Lead Agency and will prepare a Supplemental Environmental Impact Report (SEIR) pursuant to Public Resources Code section 21166 and CEQA Guidelines Section 15163 for the proposed 2018 Alves Ranch Project ("2018 Project") described herein. The 2018 Project, as described further herein, reflects revisions to the previously approved Alves Ranch project, which was originally approved as part of the larger Vista Del Mar development (see Exhibit 1). Similar to the previously approved project, the 2018 Project consists of a residential and commercial development on an approximately 57.81-acre site located on W. Leland Road, as shown on the attached Project Location map (see Exhibit 2). A general description of the 2018 Project, its location, and the scope of the environmental assessment are contained in the attached materials. A Draft Initial Study checklist with a more detailed project description has also been prepared and is available on the City's website at www.ci.pittsburg.ca.us/alvesranch.

Once a decision is made to prepare an SEIR, the lead agency must prepare a Notice of Preparation (NOP), this document, to inform all responsible and trustee agencies that an EIR will be prepared (CEQA Guidelines Section 15082). The purpose of the NOP is to provide agencies with sufficient information describing both the 2018 project and the potential environmental effects to enable the agencies to make a meaningful response as to the scope and content of the information to be included in the SEIR. The City is also soliciting comments on the scope of the SEIR from interested parties.

Project Title: 2018 Alves Ranch Project
Project Applicant: William Lyon Homes, Inc.

Signature: 
Title: Planning Manager
Date: 12/18/2018
Phone: 925-252-6941

The purpose of the SEIR is to provide information about potential significant physical environmental impacts of the 2018 Project, to identify possible ways to minimize those significant impacts, and to describe and analyze possible alternatives to the proposed project if potential significant impacts are identified. Preparation of an NOP or EIR does not indicate a decision by the City to approve or disapprove the project. However, prior to making any such decision, the City Council must review and consider the information contained in the EIR.

PUBLIC SCOPING MEETING AND COMMENT SUBMITTAL

A scoping meeting open to the public will be held to receive comments regarding the scope and content of the environmental information to be included in the SEIR. At the scoping meeting, staff will give a brief presentation of the SEIR process and will take oral and any written comments. The meeting time and location follow:

Date:	Wednesday, January 9, 2019
Time:	6:00 PM
Location:	Pittsburg City Hall Council Chamber, 3rd floor, 65 Civic Avenue, Pittsburg, California 94565

Written comments on the scope of the proposed project and the associated SEIR are welcome and should be sent by e-mail, fax, or regular mail **no later than 5:00 PM on January 17, 2019**, to:

Jordan Davis, Senior Planner
65 Civic Avenue
Pittsburg, California 94565
Email: jdavis@ci.pittsburg.ca.us
Fax: (925) 252-4814.

Questions concerning the environmental review of the proposed project should be directed to Jordan Davis at (925) 252-4015; however, please note that comments on the scope of the SEIR cannot be accepted over the phone. To be considered during preparation of the SEIR, comments must be received in writing by the deadline identified above or provided during the public scoping meeting.

INITIAL STUDY

The City has prepared a Draft Initial Study (available at www.ci.pittsburg.ca.us/alvesranch) to evaluate the potential environmental effects of the proposed project and to determine the scope of the SEIR. Pursuant to CEQA Guidelines Section 15063(c)(3), the Initial Study has been prepared to: 1) focus the SEIR on effects determined to be significant; and 2) to identify the effects determined not to be significant or that can be reduced to a less-than-significant level through standard mitigation measures or conditions of approval. Pursuant to CEQA Guidelines Section 15163, the lead agency may prepare a supplement to a previously certified environmental impact report if: (1) it has been determined that changes in the project, in circumstances surrounding the project, and/or new information of substantial importance (which was not known and could not have been known at the time the original EIR was certified) would result in previously undisclosed significant environmental impacts; and (2) only minor additions or changes would be necessary to make the previous EIR adequately apply to the project in the changed situation.

PROJECT LOCATION

The 2018 Project encompasses approximately 57.81 acres of undeveloped, previously graded land located toward the western end of the City, approximately 0.3 mile west of the Pittsburg/Bay Point San Francisco Bay Area Rapid Transit (BART) Station, on the north side of West Leland Road (Assessor's Parcel Nos. 097-700-001; 097-700-002; and 097-700-005). The project site is bounded by the San Marco neighborhood (west), State Route 4 (north), undeveloped land (east), and W. Leland Road (south); refer to Exhibit 2.

The project site contains undeveloped land. The site has been previously graded in connection with the previously approved tentative subdivision map (which was approved as part of the larger Vista Del Mar development) and routinely disked for weed abatement purposes. A seven-acre stormwater basin is present in the northern portion of the site. Vegetation onsite consists of shrubs, grasses, and weeds.

The City of Pittsburg General Plan designates the project site as a combination of "Business Commercial" and "High Density Residential." The western portion of the project site is zoned CO-P (Office Commercial with a Master Plan Overlay, Ordinance No. 04-1230) District and the remaining portion of the project site is zoned RH-P (High-Density Residential with a Master Plan Overlay, Ordinance No. 04-1230).

PROJECT BACKGROUND

The project site was originally part of a larger property purchased in 1917 by Virginia Alves for use as a cattle ranch and grazing land. The Alves property served many purposes over the years, including manufacturing, commercial, and ranching endeavors. The project site (along with other adjacent lands) has long been planned for urbanization and development with residential, commercial and open space uses, and therefore has been through several rounds of entitlements and environmental review dating back to the late 1980s. Each round is summarized as follows.

Southwest Hills General Plan Amendment and Boundary Reorganization (1987–1990)

On August 3, 1987, the Pittsburg City Council certified an EIR for the Southwest Hills General Plan Amendment and Boundary Reorganization (Resolution No. 87-7209). The acreage included in the reorganization area encompassed approximately 2,570 acres (including the project site) located south of SR 4 and west of Bailey Road, just outside what was then the Pittsburg City Limits. On August 7, 1987, the City Council adopted Resolution Nos. 87-7204 and 87-7205, approving submittal of applications for the property-owner-initiated reorganization to the Local Agency Formation Commission, which involved inclusion into the City's sphere of influence and municipal boundary, as well as the boundaries of the Contra Costa Water District (CCWD) and Delta Diablo Sanitation District (Delta Diablo).

On September 6, 1988, the City Council adopted Resolution No. 88-7357 comprehensively updating the City's General Plan. With the exception of a shopping center located on the southwest quadrant of SR 4 and Bailey Road, all of the acreage within the Southwest Hills Boundary Reorganization Area was designated as residential or open space on the General Plan land use diagram.

On April 3, 1990, the City Council adopted Ordinance No. 90-990, adopting a Negative Declaration and authorizing execution of the Southwest Development Agreement (DA). The Southwest DA allowed for the construction of 2,938 residential units on 639 acres within the previously referenced Southwest Hills Boundary Reorganization Area west of the project site.

Vista Del Mar Project (2004)

In 2004, William Lyon Homes, Inc., and Alves Ranch, LLC, submitted a plan to develop approximately 293-acres of the Alves property as a residential and commercial subdivision, known as the Vista Del Mar development. The 2004 Vista Del Mar project development program anticipated approximately 1,100 housing units, 257,500 square feet of commercial floor space, an 11.33-acre school/park site, 117.68 acres of permanent hillside open space, associated landscaped buffers, public and private roadways, a detention basin, a water tank site, and a water pump station site. The City prepared an EIR ("2004 EIR"; State Clearinghouse [SCH] No. 2004012097) to analyze the potential environmental impacts associated with the Vista Del Mar development.

As part of the overall development program analyzed as part of the Vista Del Mar project, the 2004 EIR contemplated high density residential and business commercial land uses, as well as a regional stormwater basin, on the approximately 57.81-acre portion of the Alves property north of West Leland Road (project site). The 2004 EIR assumed that this northern portion of the Vista Del Mar development would include 563 housing units on 32.1 acres and 257,500 square feet of commercial building space on 14.78 acres, along with the aforementioned 7-acre stormwater basin site.

On October 18, 2004, the City Council adopted Resolution No. 04-10168, certifying the 2004 Final EIR for the Vista Del Mar development. On November 29, 2004, the City adopted Resolution No. 04-10191, approving CEQA findings and adopting a Statement of Overriding Considerations and a Mitigation, Monitoring and Reporting Program (MMRP), as well as Resolution No. 04-10192, amending the General Plan land use map and Policy 2-P-88 to change the distribution of residential densities within the Vista Del Mar development area. On December 6, 2004, the City Council adopted Ordinance No. 04-1230, authorizing execution of a development agreement for the Vista Del Mar project area, as well as rezoning the portion of the Vista Del Mar site south of West Leland Road to PD (Planned Development) District and the Alves property north of West Leland Road to a combination of CO-P and RH-P Districts.

First Amendment to Development Agreement (2005)

On May 13, 2005, William Lyon Homes, Inc., Alves Ranch, LLC, and the City executed an amendment to the previously approved Development Agreement, related to the manner in which the Developer would be required to fully satisfy its parkland dedication or improvement obligations. While the Developer had initially requested that the City consider a joint use park within the project site, the arrangement was determined to be infeasible, and the City and Developer agreed that requiring the Developer to pay in lieu parkland dedication fees would provide greater overall park and recreational benefits to the City's residents. This First Amendment to the Development Agreement was processed as an Administrative Agreement Amendment pursuant to and in compliance with Section 702(a) of the Development Agreement, which authorized the use of Administrative Agreement Amendments where minor changes to the Agreement did not substantially affect specified items.

Second Amendment to Development Agreement (2005)

On June 26, 2006, William Lyon Homes, Inc., Alves Ranch, LLC, and the City executed a second amendment to the previously approved Development Agreement, related to minor changes to Sections 3.10, 3.02(b), 3.02(d), 4.09, 5.06, and 6.11 of the Development Agreement, related to costs of the Southwest Hills Water Improvements, William Lyon Homes Inc.'s parkland dedication fee obligations, and the manner in which Developers would be required to fully satisfy their obligations with respect to the Vista Del Mar project's participation in certain lighting and landscaping districts established by the City. This Second Amendment to the Development Agreement was processed as an Administrative Agreement Amendment pursuant to and in compliance with Section 702(a) of the Development Agreement, which authorized the use of

Administrative Agreement Amendments where minor changes to the Agreement did not substantially affect specified items.

Alves Ranch EIR Addendum No. 1 and 2009 Revised Project (2008–2009)

In August 2008, a revised development plan was proposed for the approximately 57.81-acre portion of the 2004 Vista Del Mar development located north of West Leland Road project site). These changes contemplated development of up to 478 total residential units, comprised of 308 multi-family units (including 93 affordable housing units), and 170 single-family detached units on 31.7 acres. The plan also contemplated 221,500 square feet of commercial floor space on approximately 14 acres. The 2008 development plan required the approval of: (1) a rezoning to establish a Master Plan Overlay District; (2) a vesting tentative subdivision map; and (3) design review. An Addendum to the previously certified 2004 EIR ("2008 Addendum") was prepared to analyze whether the proposed changes were adequately addressed in the 2004 EIR. The 2008 Addendum concluded that the revised development plan would contribute to eight of the nine significant unavoidable impacts identified in the 2004 EIR; however, none of the significant unavoidable impacts involved a new significant impact or a more severe significant impact than those previously identified and addressed in the statement of overriding considerations accompanying the 2004 EIR.

The City and the applicant continued to refine the revised development plan, making minor changes to the site plan and project design. On January 20, 2009, the City Council adopted Ordinance No. 08-1312, adopting an EIR Addendum and approving a master plan for the project site. The approved Master Plan ultimately anticipated the development of up to 560 housing units (more than originally anticipated in the 2008 revised plan, but a slight decrease from the 563 units analyzed in the 2004 FEIR), a 0.6-acre recreational facility, and 221,500 square feet of commercial floor area (a slight decrease from the originally approved 257,000 square feet analyzed in the 2004 EIR).

Third Amendment to Development Agreement (2010)

On September 8, 2010, William Lyon Homes, Inc., Alves Ranch, LLC, and the City executed a second amendment to the previously approved Development Agreement, related to minor changes related to the timing for Alves Ranch LLC to enter into the required affordable housing agreement. The Third Amendment to the Development Agreement did not alter the obligations of the Developer related to the location or number of affordable units required, nor the timing of the development. This Third Amendment to the Development Agreement was processed as an Administrative Agreement Amendment pursuant to and in compliance with Section 702(a) of the Development Agreement, which authorized the use of Administrative Agreement Amendments where minor changes to the Agreement did not substantially affect specified items.

Vista Del Mar EIR Addendum No. 2 and 2012 Vista Del Mar Project (2012)

In 2012, the City adopted a second addendum to the 2004 EIR that analyzed a request to amend the General Plan designations of approximately 20.4 acres of land within the Vista Del Mar development, south of West Leland Road from "Low Density Residential," and "Hillside Low Density Residential," to "Open Space," and also amended the adopted PD Plan (PD 04-1230) to reflect the changes of the two locations from "Single Family Residential" and "Estate Lots" to "Open Space." These land use changes, however, did not involve any portion of the project site.

These areas were subsequently included in the Geological Hazard Abatement District (GHAD) established to address and appropriately mitigate the identified geotechnical hazards within the Vista Del Mar

development area. The City prepared a second addendum ("2012 Addendum") in accordance with CEQA for the foregoing revisions to the Vista Del Mar development.

2018 PROJECT DESCRIPTION

The 2018 Alves Ranch Project ("2018 Project") consists of the development of 346 single-family dwelling units and 10 accessory dwelling units on approximately 25.93 acres, and the rezoning and relocation of approximately 12 acres of the project site for neighborhood- and community-serving commercial uses to the center of the project site.

Residential uses would consist of single-family detached and attached units, with an overall density of approximately 14 units per acre. Units would be broken down into three distinct neighborhoods:

- Neighborhoods A-1 and A-2 would be located along the northern and eastern sides of the development and would consist of 136 "duet" units. Each duet would be designed to mimic one single-family detached home but would actually provide two separate units with a shared wall. Entrances to the individual units would be placed on differing facades accessed by pedestrian-only walkways between each unit, and each duet would include two, separate two-car garages accessible via a shared driveway;

- Neighborhood C would provide 110 alley-loaded detached units. Each unit in Neighborhood C would include a two-car garage accessible from an alley, street, or driveway, and a front door on the opposing façade, accessible via a pedestrian-only walkway. Each unit would also include an expanded side yard area for private open space;

- Neighborhood D would provide the largest homes, consisting of 100 traditional detached dwelling units with two-car garages. Ten of the proposed units in Neighborhood D would include income-restricted accessory dwelling units.

Overall, the 2018 Project includes 214 fewer housing units and a lower overall residential density compared to the 2009 approval. The location of residential uses would be adjusted, as compared to the location identified in the 2004 EIR and the 2009 approval, to improve circulation, site accessibility, and compatibility with neighboring residential uses.

Similar to the 2009 project, the 2018 Project contemplates development of a commercial component in the form of approximately 12 acres of various retail, restaurant, and other neighborhood-serving commercial uses. The commercial uses would be relocated from the western side to the center of the project site, with roads, driveways, and other circulation details and locations modified to accommodate this revision.

Based on an analysis of existing shopping centers in the region, the anticipated type of development on the parcel, and off-street parking and loading space requirements for the City of Pittsburg, the developer has approximated that in a potential development scenario, a maximum total of 140,000 square feet of commercial floor area could be developed on the 12-acre parcel. Pursuant to a memorandum of agreement executed by the developer, property owner, and City, these uses would be required to include an approximately 40,000 square-foot grocery store, or otherwise pay a penalty to the City.

REQUIRED APPROVALS

Implementation of the 2018 Alves Ranch Project would require, but is not limited to, the following discretionary approvals by the City of Pittsburg:

- Certification of the Supplemental Environmental Impact Report
- Approval of a General Plan Amendment
- Approval of a Zoning Map Amendment
- Vesting Tentative Subdivision Map
- Design Review
- Approval of 4th Amendment to the Development Agreement

SEIR SCOPE

The City of Pittsburg has determined that it will prepare a Supplemental Environmental Impact Report (SEIR) pursuant to the California Environmental Quality Act (CEQA) (see Pub. Res. Code § 21166; *CEQA Guideline*s § 15163). Pursuant to *(CEQA) Guidelines* Section 15163, the lead or responsible agency may prepare a supplement to a previously certified environmental impact report (EIR) if: 1) it has been determined that changes in the project, in circumstances surrounding the project, and/or new information of substantial importance (which was not known and could not have been known at the time the original EIR was certified) would result in previously undisclosed significant environmental impacts; and 2) only minor additions or changes would be necessary to make the previous EIR adequately apply to the project in the changed situation. Accordingly, the City anticipates that the SEIR will scope out the environmental topic areas identified in the attached Initial Study for the reasons set forth therein.

The following probable environmental effects of the project and any required feasible mitigation measures will be evaluated in the SEIR:

- **Air Quality:** The SEIR will describe the potential construction and operational impacts of the project on local and regional air quality based on methodologies defined by the Bay Area Air Quality Management District (BAAQMD).
- **Biological Resources:** The SEIR will evaluate potential impacts on biological resources resulting from the proposed project, including potential impacts on special status species, wildlife movement.
- **Greenhouse Gas Emissions:** The SEIR will describe the potential project impacts on local greenhouse gas emissions and global climate change, following the latest approach and methodologies recommended by State and regional agencies.
- **Noise:** The SEIR will describe project-related construction and long-term operation (traffic, mechanical systems, etc.) noise impacts and any related mitigation needs.
- **Transportation:** The SEIR will describe the transportation and circulation impacts of the proposed project, including its incremental contribution to daily and peak hour traffic on local and regional roadways. The evaluation will include intersections, transit implications and effects on pedestrian and bicycle circulation.

Source: Census 2000 Data, The CaSIL.

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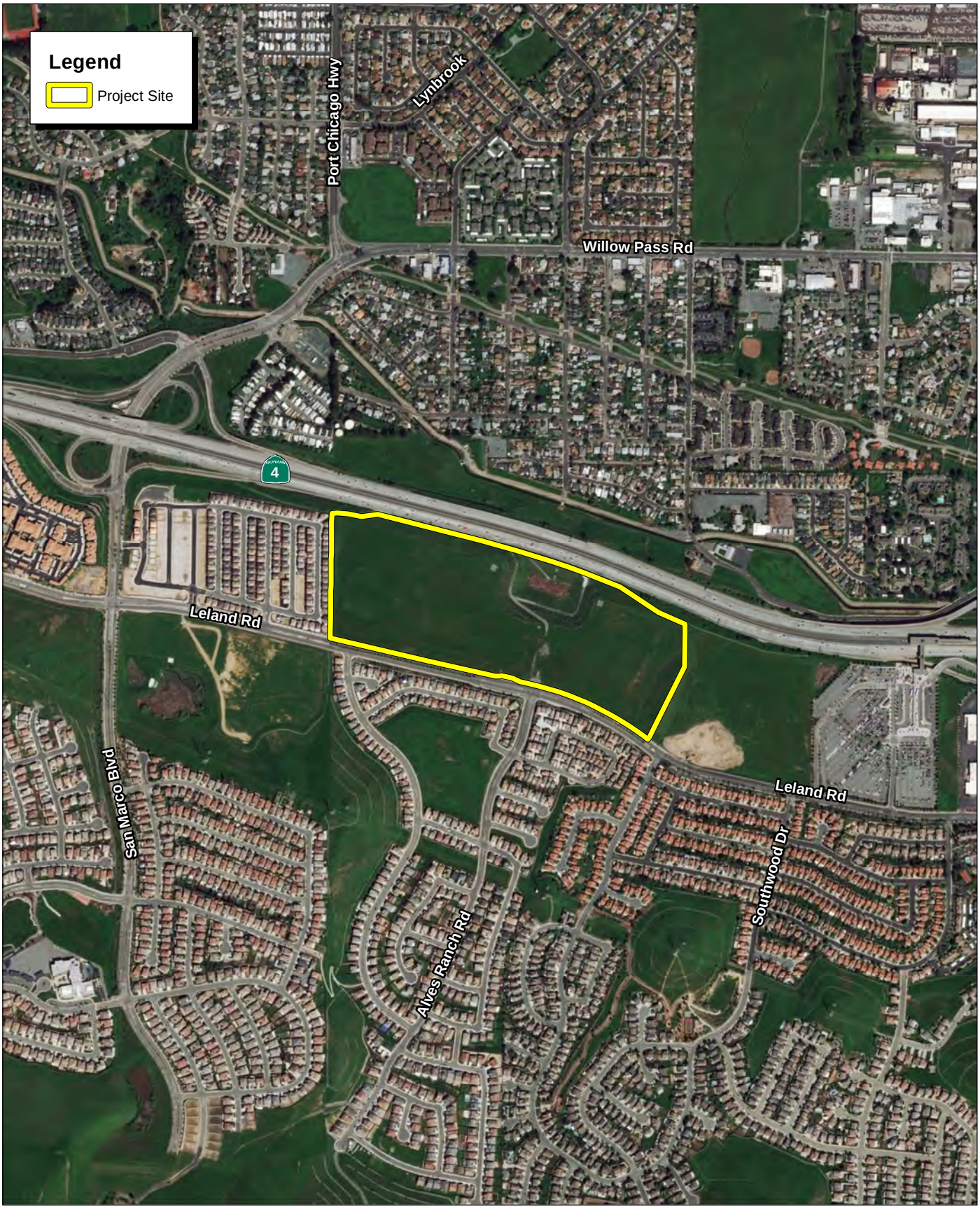
Exhibit 1
Regional Location Map



Source: ESRI Aerial Imagery.

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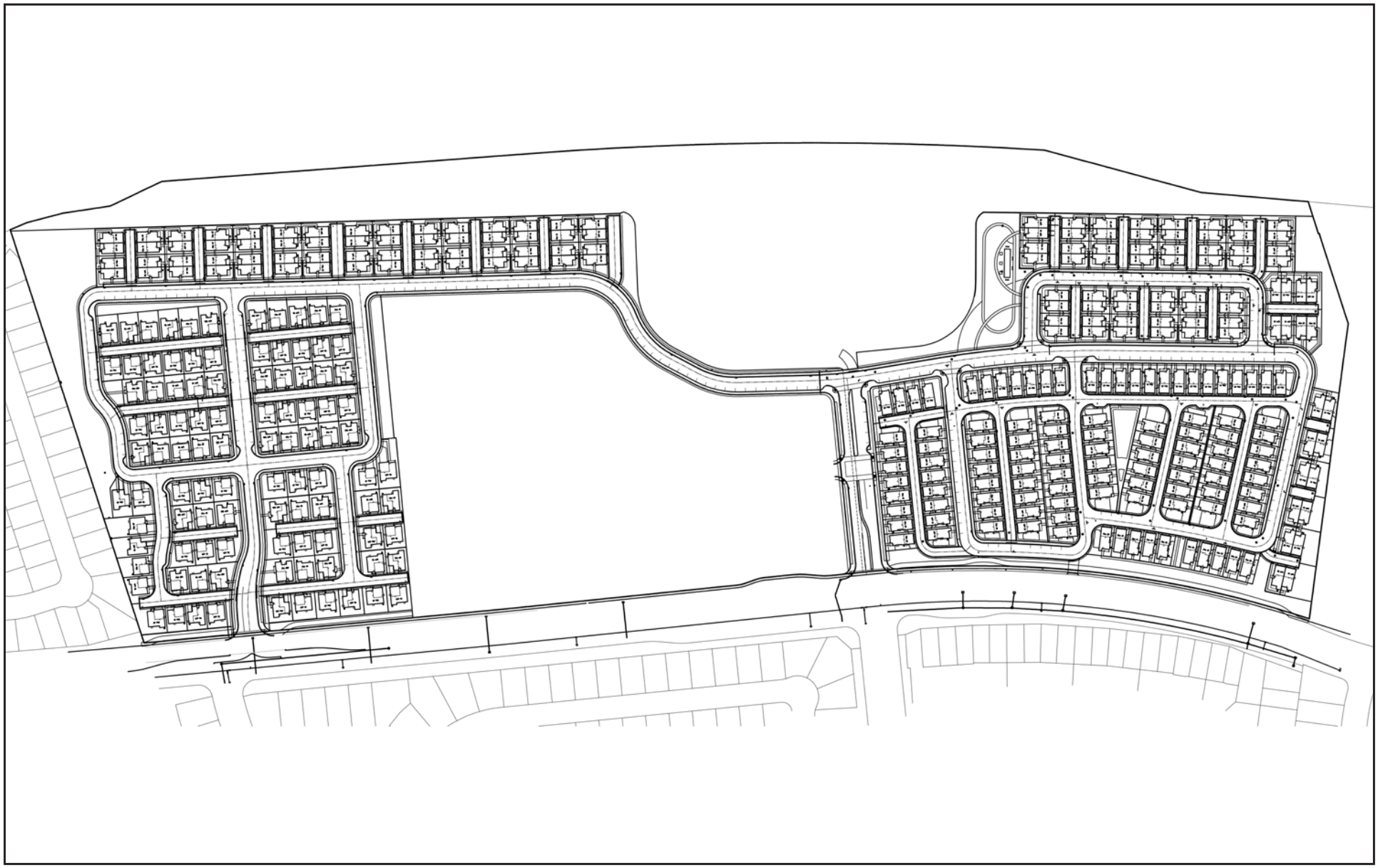
1,000 500 0 1,000 Feet

Exhibit 2
Local Vicinity Map
Aerial Base



Source: WHA Architects, Planners, Designers.

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Exhibit 3
Site Plan

CONTRA COSTA WATER DISTRICT

Board of Directors
Lisa M. Borba, AICP
President
Connstance Holdaway
Vice President
Ernesto A. Avila, P.E.
Bette Boatmun
John A. Burgh

General Manager
Jerry Brown

January 9, 2019

Sent via Hard Copy and Email: Jdavis@ci.pittsburg.ca.us

Jordan Davis, Senior Planner
City of Pittsburg
65 Civic Avenue
Pittsburg, CA 95812

Subject: Response to the Notice of Preparation (NOP) of a Supplemental Environmental Impact Report for the 2018 Alves Ranch Project

Dear Mr. Davis:

The Contra Costa Water District (CCWD/ District) is in receipt of the City of Pittsburg's request for comments during the CEQA review process for the abovementioned project. The NOP states in its opening paragraph that "the 2018 Project, as described further herein, reflects revisions to the previously approved Alves Ranch project, which was originally approved as part of the larger Vista Del Mar development…Similar to the previously approved project the 2018 Project consist of a residential and commercial development on an approximately 57-acre site located on W. Leland Road, as shown on the attached Project Location map." The proposed project is located entirely within the service boundary of the CCWD.

CCWD does not have any comments on this project at this time. Please continue to keep CCWD on the mailing list and keep us apprised of this project as it moves through the CEQA process.

Sincerely,

Christine Schneider

Christine Schneider
Senior Planner

CS:ck

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California
Department of Conservation
Division of Oil, Gas, and Geothermal Resources

Gavin Newsom, Governor
David Bunn, Director

January 14, 2019

State Clearinghouse
State.Clearinghouse@opr.ca.gov
PO Box 3044
Sacramento, CA 95812-3044

CEQA Project: **SCH # 2004012097**
Lead Agency: City of Pittsburg
Project Title: 2018 Alves Ranch Project

The Division of Oil, Gas, and Geothermal Resources (Division) possesses records regarding oil and gas wells drilled and operated in the State of California. (Cal. Public Res. Code, §§ 3215, 3126.) Based on the Division's records and expertise, the Division has undertaken review of the proposed project's regional location, the boundaries of the inventory, and permit area, and the land use designation types from the Draft Initial Study. The Division has conducted a map review of the proposed project boundary, but not on-site evaluations of any known gas well(s) located within the above referenced project boundary.

The proposed 2018 Alves Ranch Project contains 1 oil and gas field that contains 1 plugged and abandoned oil and/or gas well. The proposed project is not expected to impact oil and gas resources. Any future oil and gas activities would respect the conditions of the proposed project's pending approval from the City of Pittsburg. The Division provides the information below to facilitate the Lead agency's exercise of local land use authority regarding use of land where oil and gas wells are situated. In contrast, the Division does not possess local land use decision authority, but alternatively has authority for permitting any necessary work on any well in the State. (Cal. Public Res. Code, §§ 3106 and 3203.)

In general, a well may be considered adequately abandoned when both the record review process and the on-site evaluation process reflect that steps have been taken to isolate all oil-bearing or gas-bearing strata encountered in the well and to protect underground or surface water suitable for irrigation or farm or domestic purposes from the infiltration or addition of any detrimental substance, and to prevent damage to life, health, property, and other resources. (Cal. Public Res. Code, § 3208.)

The enclosed map shows the known well located in the proposed project. For future reference, wells located on private and public land can be reviewed at the Division's website: https://secure.conservation.ca.gov/WellSearch.

If, during the course of any development within the project boundary, any unknown well(s) is discovered, the Division should be notified immediately so that the newly discovered well(s) can be incorporated into the records and investigated. The Division recommends that any wells

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found during this proposed project and any pertinent information obtained after the issuance of this letter, be communicated to the appropriate county recorder for inclusion in the title information of the subject real property. This is to ensure that present and future property owners are aware of (1) the well(s) located on the property, and (2) potentially significant issues associated with any improvements near oil or gas wells active or abandoned.

The local permitting agency and property owner should be aware of, and fully understand, that significant and potentially dangerous issues may be associated with development near oil and gas wells. These issues are non-exhaustively identified in the following comments and are provided by the Division for consideration by the local permitting agency, in conjunction with the property owner and/or developer, on a parcel-by-parcel or well-by-well basis. As stated above, the Division provides the above well review information solely to facilitate decisions made by the local permitting agency regarding potential development near an oil or gas well.

1. It is recommended that access to a well located on the property be maintained in the event re-abandonment of the well becomes necessary in the future. Impeding access to a well could result in the need to remove any structure or obstacle that prevents or impedes access. This includes, but is not limited to, buildings, housing, fencing, landscaping, trees, pools, patios, sidewalks, and decking.

2. Nothing guarantees that a well abandoned to current standards will not start leaking oil, gas, and/or water in the future. It always remains a possibility that any well may start to leak oil, gas, and/or water after abandonment, no matter how thoroughly the well was plugged and abandoned. The Division acknowledges that wells abandoned to current standards have a lower probability of leaking oil, gas, and/or water in the future, but makes no guarantees as to the adequacy of this well's abandonment or the potential need for future re-abandonment.

3. Based on comments 1 and 2 above, the Division makes the following general recommendations:

    a. Maintain physical access to oil or gas wells.

    b. Ensure that the abandonment of oil and gas wells is to current standards.

If the local permitting agency, property owner, and/or developer chooses not to follow recommendation "b" for a well located on the development site property, the Division believes that the importance of following recommendation "a" for the well located on the subject property increases. If recommendation "a" cannot be followed for the well located on the subject property, then the Division advises the local permitting agency, property owner, and/or developer to consider any and all alternatives to proposed construction or development on the site (see comment 4 below).

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4. Sections 3208 and 3255(a)(3) of the Public Resources Code give the Division the authority to order the re-abandonment of any well that is hazardous, or that poses a danger to life, health, or natural resources. Responsibility for re-abandonment costs for any well may be affected by the choices made by the local permitting agency, property owner, and/or developer in considering the general recommendations set forth in this letter. (Cal. Public Res. Code, § 3208.1.)

5. Maintaining sufficient access to an oil or gas well may be generally described as maintaining "rig access" to the well. Rig access allows a well servicing rig and associated necessary equipment to reach the well from a public street or access way, solely over the parcel on which the well is located. A well servicing rig, and any necessary equipment, should be able to pass unimpeded along and over the route, and should be able to access the well without disturbing the integrity of surrounding infrastructure.

6. The Division recommends that a local permitting agency consider the use of surface mitigation measures as a condition for project approval, if and when appropriate. Examples of surface mitigation measures include venting systems for wells, venting systems for parking lots, patios, and other hardscape, methane barriers for building foundations, methane detection systems, and collection cellars for well fluids. The Division does not regulate the design, installation, operation, or adequacy of such measures. The Division recommends that such surface mitigation measures are designed, installed, and operated by qualified engineers. The permitting of surface mitigation measures falls under the jurisdiction of the local permitting agency.

7. If during development of a parcel any unknown well(s) is discovered, the Division should be notified immediately so that the newly discovered well(s) can be incorporated into the Well Review processes.

8. The Division recommends that any soil containing significant amounts of hydrocarbons to be disposed of in accordance with local, state, and federal laws. Please notify the appropriate authorities if soil containing significant amounts of hydrocarbons is discovered during development.

9. The Division recommends that the information contained in this Well Review Report, and any pertinent information obtained after the issuance of this report, be communicated to the appropriate county recorder for inclusion in the title information of the subject real property. This is to ensure that present and future property owners are aware of (1) any well located on the property, and (2) potentially significant issues associated with any improvements near an oil or gas well.

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No well work may be performed on any oil or gas well without written approval from the Division in the form of an appropriate permit. This includes, but is not limited to, mitigating leaking fluids or gas from abandoned wells, modifications to well casings, and/or any other re-abandonment work. (NOTE: The Division regulates the depth of any well below final grade (depth below the surface of the ground). Title 14, Section 1723.5 of the California Code of Regulations states that all well casings shall be cut off at least 5 feet but no more than 10 feet below grade. If any well needs to be lowered or raised (i.e. casing cut down or casing riser added) to meet this grade regulation, a permit from the Division is required before work can start.)

To reiterate, the local permitting agency, property owner, and/or developer should be aware of, and fully understand, that the above comments are made by the Division with the intent to encourage full consideration of significant and potentially dangerous issues associated with development near oil or gas wells.

Sincerely,

DocuSigned by:
Charlene L Wardlow
067E7BD5EA114A7...

Charlene L Wardlow
Northern District Deputy

CC: Kristin Pollot
kpollot@ci.pittsburg.ca.us
Planning Manager

Attachment

STATE OF CALIFORNIA

Governor's Office of Planning and Research

State Clearinghouse and Planning Unit

Edmund G. Brown Jr.
Governor

Ken Alex
Director

Notice of Preparation

December 20, 2018

To: Reviewing Agencies

Re: Vista Del Mar Subdivision
SCH# 2004012097

Attached for your review and comment is the Notice of Preparation (NOP) for the Vista Del Mar Subdivision draft Environmental Impact Report (EIR).

Responsible agencies must transmit their comments on the scope and content of the NOP, focusing on specific information related to their own statutory responsibility, within 30 days of receipt of the NOP from the Lead Agency. This is a courtesy notice provided by the State Clearinghouse with a reminder for you to comment in a timely manner. We encourage other agencies to also respond to this notice and express their concerns early in the environmental review process.

Please direct your comments to:

Jordan Davis
City of Pittsburg
65 Civic Avenue
Pittsburg, CA 94565

with a copy to the State Clearinghouse in the Office of Planning and Research. Please refer to the SCH number noted above in all correspondence concerning this project.

If you have any questions about the environmental document review process, please call the State Clearinghouse at (916) 445-0613.

Sincerely,

Scott Morgan
Director, State Clearinghouse

Attachments
cc: Lead Agency

Document Details Report
State Clearinghouse Data Base

SCH# 2004012097
Project Title Vista Del Mar Subdivision
Lead Agency Pittsburg, City of

Type NOP Notice of Preparation

Description The 2018 Alves Ranch Project consists of the development of 356 dwelling units on approximately 25.93 acres, as well as rezoning 12 acres of the project site for neighborhood-serving commercial uses. The project would include: 1) A General Plan Amendment to change the existing land use designations from a combination of Business Commercial and High Density Residential to a combination of Community Commercial and Medium Density Residential; 2) a zoning map amendment to change the site zoning from a combination of Office Commercial with a Master Plan Overlay and High Density Residential with a Master Plan Overlay to a combination of Community Commercial and Planned Development; 3) approval of a vesting tentative map to subdivide the property; 4) design review; and 5) an amendment to the existing development agreement.

Lead Agency Contact

Name Jordan Davis
Agency City of Pittsburg
Phone 925-252-4015 **Fax**
email
Address 65 Civic Avenue
City Pittsburg **State** CA **Zip** 94565

Project Location

County Contra Costa
City Pittsburg
Region
Cross Streets West LeLand Rd., and San Marco Blvd.
Lat / Long 38° 1' 6.211" N / 121° 57' 17.86" W
Parcel No. 093-460-001; -002; -005
Township **Range** **Section** **Base**

Proximity to:

Highways 4
Airports
Railways
Waterways
Schools Several
Land Use GP: Bus. Com. and High Density Res.; Zoning: Office Com. w/ Master Plan Overlay and High Density Res. w/ Master Plan Overlay

Project Issues Aesthetic/Visual; Agricultural Land; Air Quality; Archaeologic-Historic; Biological Resources; Drainage/Absorption; Flood Plain/Flooding; Forest Land/Fire Hazard; Geologic/Seismic; Minerals; Landuse; Growth Inducing; Cumulative Effects; Noise; Population/Housing Balance; Public Services; Recreation/Parks; Schools/Universities; Sewer Capacity; Soil Erosion/Compaction/Grading; Solid Waste; Toxic/Hazardous; Traffic/Circulation; Water Quality; Water Supply

Reviewing Agencies Resources Agency; Department of Conservation; Cal Fire; Office of Historic Preservation; Department of Parks and Recreation; Department of Fish and Wildlife, Region 3; Native American Heritage Commission; Department of Housing and Community Development; Caltrans, District 4; Air Resources Board, Transportation Projects; State Water Resources Control Board, Division of Drinking Water; Department of Toxic Substances Control; Regional Water Quality Control Board, Region 2

Date Received 12/20/2018 **Start of Review** 12/20/2018 **End of Review** 01/18/2019

Note: Blanks in data fields result from insufficient information provided by lead agency.

Print Form

Appendix C

Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH 2004012097

Project Title: 2018 Alves Ranch Project

Lead Agency: City of Pittsburg
Contact Person: Jordan Davis, Senior Planner
Mailing Address: 65 Civic Avenue
Phone: 925-252-4015
City: Pittsburg Zip: CA
County: Contra Costa

Project Location: County: Contra Costa City/Nearest Community: Pittsburg
Cross Streets: West Leland Road and San Marco Blvd. Zip Code: 94565
Longitude/Latitude (degrees, minutes and seconds): 38 ° 1 ′ 6.21″ N / 121 ° 57 ′ 17.86″ W Total Acres: 57.81
Assessor's Parcel No.: 093-460-001; -002; -005 Section: Twp.: Range: Base:
Within 2 Miles: State Hwy #: State Route 4 Waterways:
Airports: Railways: Schools: Several

Document Type:

CEQA: ☒ NOP ☐ Draft EIR
☐ Early Cons ☐ Supplement/Subsequent EIR
☐ Neg Dec (Prior SCH No.)
☐ Mit Neg Dec Other:

NEPA: ☐ NOI ☐ EA ☐ Draft EIS ☐ FONSI Other: ☐ Joint Document ☐ Final Document ☐ Other:

Governor's Office of Planning & Research

DEC 20 2018

STATE CLEARINGHOUSE

Local Action Type:

☐ General Plan Update ☐ Specific Plan ☒ Rezone ☐ Annexation
☒ General Plan Amendment ☐ Master Plan ☐ Prezone ☐ Redevelopment
☐ General Plan Element ☐ Planned Unit Development ☐ Use Permit ☐ Coastal Permit
☐ Community Plan ☐ Site Plan ☒ Land Division (Subdivision, etc.) ☐ Other:

Development Type:

☒ Residential: Units 356 Acres 25.93
☐ Office: Sq.ft. Acres Employees
☒ Commercial: Sq.ft. Acres 12 Employees
☐ Industrial: Sq.ft. Acres Employees
☐ Educational:
☐ Recreational:
☐ Water Facilities: Type MGD

☐ Transportation: Type
☐ Mining: Mineral
☐ Power: Type MW
☐ Waste Treatment: Type MGD
☐ Hazardous Waste: Type
☐ Other:

Project Issues Discussed in Document:

☒ Aesthetic/Visual ☐ Fiscal ☒ Recreation/Parks ☐ Vegetation
☒ Agricultural Land ☒ Flood Plain/Flooding ☒ Schools/Universities ☒ Water Quality
☒ Air Quality ☒ Forest Land/Fire Hazard ☐ Septic Systems ☒ Water Supply/Groundwater
☒ Archeological/Historical ☒ Geologic/Seismic ☒ Sewer Capacity ☐ Wetland/Riparian
☒ Biological Resources ☒ Minerals ☒ Soil Erosion/Compaction/Grading ☒ Growth Inducement
☐ Coastal Zone ☒ Noise ☒ Solid Waste ☒ Land Use
☒ Drainage/Absorption ☒ Population/Housing Balance ☒ Toxic/Hazardous ☒ Cumulative Effects
☐ Economic/Jobs ☒ Public Services/Facilities ☒ Traffic/Circulation ☐ Other:

Present Land Use/Zoning/General Plan Designation:

GP: Bus. Com. and High Density Res.; Zoning: Office Com. w/Master Plan Overlay and High Density Res. w/ Master Plan Overlay

Project Description: *(please use a separate page if necessary)*

The 2018 Alves Ranch Project consists of the development of 356 dwelling units on approximately 25.93 acres, as well as rezoning 12 acres of the project site for neighborhood-serving commercial uses. The project would include: 1) a General Plan Amendment to change the existing land use designations from a combination of Business Commercial and High Density Residential to a combination of Community Commercial and Medium Density Residential; 2) a zoning map amendment to change the site zoning from a combination of Office Commercial with a Master Plan Overlay and High Density Residential with a Master Plan Overlay to a combination of Community Commercial and Planned Development; 3) approval of a vesting tentative map to subdivide the property; 4) design review; and 5) an amendment to the existing development agreement.

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

NOP Distribution List

County: Contra Costa

SCH# 2004012097

esources Agency

- [ ] **Resources Agency**
  Nadell Gayou
- [ ] **Dept. of Boating & Waterways**
  Denise Peterson
- [ ] **California Coastal Commission**
  Allyson Hitt
- [ ] **Colorado River Board**
  Elsa Contreras
- [ ] **Dept. of Conservation**
  Crina Chan
- [ ] **Cal Fire**
  Dan Foster
- [ ] **Central Valley Flood Protection Board**
  James Herota
- [ ] **Office of Historic Preservation**
  Ron Parsons

Dept of Parks & Recreation
Environmental Stewardship Section

- [ ] **S.F. Bay Conservation & Dev't. Comm.**
  Steve Goldbeck
- [ ] **Dept. of Water Resources**
  Resources Agency
  Nadell Gayou

Fish and Game

- [ ] **Depart. of Fish & Wildlife**
  Scott Flint
  Environmental Services Division
- [ ] **Fish & Wildlife Region 1**
  Curt Babcock
- [ ] **Fish & Wildlife Region 1E**
  Laurie Harnsberger
- [ ] **Fish & Wildlife Region 2**
  Jeff Drongesen
- [ ] **Fish & Wildlife Region 3**
  Craig Weightman
- [ ] **Fish & Wildlife Region 4**
  Julie Vance
- [ ] **Fish & Wildlife Region 5**
  Leslie Newton-Reed
  Habitat Conservation Program
- [ ] **Fish & Wildlife Region 6**
  Tiffany Ellis
  Habitat Conservation Program
- [ ] **Fish & Wildlife Region 6 I/M**
  Heidi Calvert
  Inyo/Mono, Habitat Conservation Program
- [ ] **Dept. of Fish & Wildlife M**
  William Paznokas
  Marine Region

Other Departments

- [ ] **California Department of Education**
  Lesley Taylor
- [ ] **OES (Office of Emergency Services)**
  Monique Wilber
- [ ] **Food & Agriculture**
  Sandra Schubert
  Dept. of Food and Agriculture
- [ ] **Dept. of General Services**
  Cathy Buck
  Environmental Services Section
- [ ] **Housing & Comm. Dev.**
  CEQA Coordinator
  Housing Policy Division

Independent Commissions,Boards

- [ ] **Delta Protection Commission**
  Erik Vink
- [ ] **Delta Stewardship Council**
  Anthony Navasero
- [ ] **California Energy Commission**
  Eric Knight
- [x] **Native American Heritage Comm.**
  Debbie Treadway
- [ ] **Public Utilities Commission**
  Supervisor
- [ ] **Santa Monica Bay Restoration**
  Guangyu Wang
- [ ] **State Lands Commission**
  Jennifer Deleong
- [ ] **Tahoe Regional Planning Agency (TRPA)**
  Cherry Jacques

Cal State Transportation Agency CalSTA

- [ ] **Caltrans - Division of Aeronautics**
  Philip Crimmins
- [ ] **Caltrans – Planning HQ LD-IGR**
  Christian Bushong
- [ ] **California Highway Patrol**
  Suzann Ikeuchi
  Office of Special Projects

Dept. of Transportation

- [ ] **Caltrans, District 1**
  Rex Jackman
- [ ] **Caltrans, District 2**
  Marcelino Gonzalez
- [ ] **Caltrans, District 3**
  Susan Zanchi
- [ ] **Caltrans, District 4**
  Patricia Maurice
- [ ] **Caltrans, District 5**
  Larry Newland
- [ ] **Caltrans, District 6**
  Michael Navarro
- [ ] **Caltrans, District 7**
  Dianna Watson
- [ ] **Caltrans, District 8**
  Mark Roberts
- [ ] **Caltrans, District 9**
  Gayle Rosander
- [ ] **Caltrans, District 10**
  Tom Dumas
- [ ] **Caltrans, District 11**
  Jacob Armstrong
- [ ] **Caltrans, District 12**
  Maureen El Harake

Cal EPA

Air Resources Board

- [ ] **Airport & Freight**
  Jack Wursten
- [ ] **Transportation Projects**
  Nesamani Kalandiyur
- [ ] **Industrial/Energy Projects**
  Mike Tollstrup
- [ ] **California Department of Resources, Recycling & Recovery**
  Kevin Taylor/Jeff Esquivel
- [ ] **State Water Resources Control Board**
  Regional Programs Unit
  Division of Financial Assistance
- [ ] **State Water Resources Control Board**
  Cindy Forbes – Asst Deputy
  Division of Drinking Water
- [ ] **State Water Resources Control Board**
  Div. Drinking Water #_____
- [ ] **State Water Resources Control Board**
  Student Intern, 401 Water Quality Certification Unit
  Division of Water Quality
- [ ] **State Water Resouces Control Board**
  Phil Crader
  Division of Water Rights
- [ ] **Dept. of Toxic Substances Control Reg. #**_____
  CEQA Tracking Center
- [ ] **Department of Pesticide Regulation**
  CEQA Coordinator

Regional Water Quality Control Board (RWQCB)

- [ ] **RWQCB 1**
  Cathleen Hudson
  North Coast Region (1)
- [x] **RWQCB 2**
  Environmental Document Coordinator
  San Francisco Bay Region (2)
- [ ] **RWQCB 3**
  Central Coast Region (3)
- [ ] **RWQCB 4**
  Teresa Rodgers
  Los Angeles Region (4)
- [ ] **RWQCB 5S**
  Central Valley Region (5)
- [ ] **RWQCB 5F**
  Central Valley Region (5)
  Fresno Branch Office
- [ ] **RWQCB 5R**
  Central Valley Region (5)
  Redding Branch Office
- [ ] **RWQCB 6**
  Lahontan Region (6)
- [ ] **RWQCB 6V**
  Lahontan Region (6)
  Victorville Branch Office
- [ ] **RWQCB 7**
  Colorado River Basin Region (7)
- [ ] **RWQCB 8**
  Santa Ana Region (8)
- [ ] **RWQCB 9**
  San Diego Region (9)

- [ ] **Other** _____

_____

_____

- [ ] _____
  Conservancy

Last Updated 5/22/18

STATE OF CALIFORNIA
NATIVE AMERICAN HERITAGE COMMISSION
Cultural and Environmental Department
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
Phone (916) 373-3710
Email: nahc@nahc.ca.gov
Website: http://www.nahc.ca.gov
Twitter: @CA_NAHC

Edmund G. Brown Jr., Governor

December 27, 2018

Jordan Davis
City of Pittsburg
65 Civic Avenue
Pittsburg, CA 94565

RE: SCH# 2004012097 Vista Del Mar Subdivision, Contra Costa County

Dear Mr. Davis:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, §15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements**. If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:
   a. A brief description of the project.
   b. The lead agency contact information.
   c. Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
   d. A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).
   a. For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:
   a. Alternatives to the project.
   b. Recommended mitigation measures.
   c. Significant effects. (Pub. Resources Code §21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:
   a. Type of environmental review necessary.
   b. Significance of the tribal cultural resources.
   c. Significance of the project's impacts on tribal cultural resources.
   d. If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:
   a. Whether the proposed project has a significant impact on an identified tribal cultural resource.
   b. Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:
    a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or
    b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:
    a. Avoidance and preservation of the resources in place, including, but not limited to:
        i. Planning and construction to avoid the resources and protect the cultural and natural context.
        ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.
    b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:
        i. Protecting the cultural character and integrity of the resource.
        ii. Protecting the traditional use of the resource.
        iii. Protecting the confidentiality of the resource.
    c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.
    d. Protecting the resource. (Pub. Resource Code §21084.3 (b)).
    e. Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).
    f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:
    a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.
    b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.
    c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
    a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
    b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (http://ohp.parks.ca.gov/?page_id=1068) for an archaeological records search. The records search will determine:
    a. If part or all of the APE has been previously surveyed for cultural resources.
    b. If any known cultural resources have already been recorded on or adjacent to the APE.
    c. If the probability is low, moderate, or high that cultural resources are located in the APE.
    d. If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
    a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.
    b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:
    a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.
    b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.
    a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.
    b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.
    c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address: Sharaya.Souza@nahc.ca.gov.

Sincerely,

for

Sharaya Souza
Staff Services Analyst

cc: State Clearinghouse

DEPARTMENT OF TRANSPORTATION
DISTRICT 4
P.O. BOX 23660
OAKLAND, CA 94623-0660
PHONE (510) 286-5528
FAX (510) 286-5559
TTY 711
www.dot.ca.gov

Making Conservation a California Way of Life!

January 17, 2019

SCH# 2004012097
04-CC-2019-00289
GTS ID# 13882

Jordan Davis
Senior Planner
City of Pittsburg
65 Civic Avenue
Pittsburg, CA. 94565

Dear Mr. Davis

Vista Del Mar Subdivision—Notice of Preparation

Thank you for including the California Department of Transportation (Department) in the environmental review process for the Vista Del Mar Subdivision. The following comments are based on the Notice of Preparation. Additional comments will be forthcoming pending final review.

Encroachment Permit
Please be advised that any work or traffic control that encroaches onto the State Right of Way (ROW) requires an encroachment permit that is issued by Caltrans. To obtain an encroachment permit, a completed encroachment permit application, environmental documentation, and six (6) sets of plans clearly indicating State ROW, and six (6) copies of signed and stamped traffic control plans must be submitted to the following address: David Salladay, District Office Chief, Office of Encroachment Permits, California DOT, District 4, 111 Grand Avenue, Oakland, CA 94612.

Traffic-related mitigation measures should be incorporated into the construction plans prior to the encroachment permit process. See the website link below for more information.
http://www.dot.ca.gov/hq/traffops/developserv/permits

Should you have any questions regarding this letter, please call Michael Casas (510) 286-5614 or Email: michael.casas@dot.ca.gov

Sincerely,

FOR

PATRICIA MAURICE
District Branch Chief
Local Development - Intergovernmental Review

c: State Clearinghouse

Contra Costa County Fire Protection District

January 4, 2019

Jordan Davis
City of Pittsburg
Community Development Department
65 Civic Ave.
Pittsburg, CA 94565

Subject: Alves Ranch Supplemental EIR
Alves Ranch Rd. and W. Leland, Pittsburg
CCCFPD Project No.: P-2018-06888

Dear Mr. Davis,

We have reviewed the notice for a supplemental EIR to establish a residential and commercial project at the subject location. The following is required for Fire District approval in accordance with the 2016 California Fire Code (CFC), the 2016 California Building Code (CBC), the 2016 California Residential Code (CRC), and Local and County Ordinances and adopted standards:

1. Project shall annex in to the Cities Fire CFD.

2. Access shall comply with Fire District requirements.

   Provide emergency apparatus access roadways with all-weather (paved) driving surfaces of not less than 20-feet unobstructed width, and not less than 13 feet 6 inches of vertical clearance, to within 150 feet of travel distance to all portions of the exterior walls of every building. Access shall have a minimum outside turning radius of 45 feet, and must be capable of supporting the imposed fire apparatus loading of 37 tons. Access roadways shall not exceed 20% grade. Grades exceeding 16% shall be constructed of grooved concrete per the attached Fire District standard. (503) CFC

   Aerial Fire Apparatus Access is required where the vertical distance between grade plane and the highest roof surface exceeds 30 feet as measured in accordance with Appendix D, Section 105 of the 2016 CFC. Aerial access roads shall have a minimum unobstructed width of 26 feet, exclusive of shoulders, in the immediate vicinity of the building or portion thereof. At least one of the required routes shall be located within a minimum of 15 feet and a maximum of 30 feet from the building, and shall be positioned parallel to one entire side of the building. Overhead utility and power lines shall not be located over the aerial fire apparatus access road or between the aerial fire apparatus road and building.

3. Access roadways of **less than 28-feet** unobstructed width shall have signs posted or curbs painted red with the words ***NO PARKING – FIRE LANE*** clearly marked. (22500.1) CVC, (503.3) CFC

   Access roadways of **28 feet or greater, but less than 36-feet** unobstructed width shall have ***NO PARKING – FIRE LANE*** signs posted, allowing for parking on one side only or curbs painted red with the words ***NO PARKING – FIRE LANE*** clearly marked. *Parking is*

permitted only on the side of the road that does not have hydrants. (22500.1) CVC, (503.3) CFC

4. All new buildings shall have approved radio coverage for emergency responders within the building based upon the existing coverage levels of the public safety communication systems of the jurisdiction at the interior of the building. The building owner shall have the testing conducted and the results submitted to the Fire District prior to the building final. (510.1) CFC

5. Access gates for Fire District apparatus shall be a minimum of 20-feet wide. Access gates shall slide horizontally or swing inward and shall be located a minimum of 30 feet from the street. Electrically operated gates shall be equipped with a Knox Company key-operated switch. Manually operated gates shall be equipped with a non-casehardened lock or approved Fire District lock. Contact the Fire District for information on ordering the key-operated switch. (D103.5) CFC.

6. The developer shall provide an adequate and reliable water supply for fire protection as set forth in the California Fire Code. (507.1) CFC

7. The developer shall provide hydrants of the East Bay type. (C103.1) CFC

8. The developer shall submit a minimum of two (2) copies of full size, scaled site improvement plans indicating all existing or proposed hydrant locations, fire apparatus access, elevations of building, size of building and type of construction for review and approval prior to obtaining a building permit. ***Final placement of hydrants shall be determined by this office.*** (501.3) CFC

9. ***Emergency apparatus access roadways and hydrants shall be installed, in service, and inspected by the Fire District prior to construction or combustible storage on site.*** (501.4) CFC

10. The developer shall provide traffic signal pre-emption systems (Opticom) on any new or modified traffic signals installed with this development. (21351) CVC

11. Development on any parcel in this subdivision shall be subject to review and approval by the Fire District to ensure compliance with minimum requirements related to fire and life safety. Submit three (3) sets of plans to the Fire District prior to obtaining a building permit. (501.3) CFC

Our preliminary review comments shall not be construed to encompass the complete project. Additional plans and specifications may be required after further review.

If you have any questions regarding this matter, please contact this office at (925) 941-3300.

Sincerely,

Todd Schiess
Fire Inspector

File:.0 ALVES RANCH-PLN-P-2018-06888

City of Pittsburg
Community Development Department – Planning Division
65 Civic Avenue, Pittsburg, CA 94565 | Tel: (925) 252-4920 | Fax: (925) 252-4814

NOTICE OF PREPARATION

To: State Clearinghouse
P.O. Box 3044
Sacramento, CA 95812

To: Responsible Agencies
Trustee Agencies
Local and Public Agencies
Interested Parties

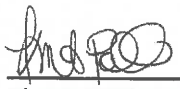
From: City of Pittsburg
Kristin Pollot, AICP, Planning Manager
65 Civic Avenue
Pittsburg, CA 94565

Subject: **Notice of Preparation of a Supplemental Environmental Impact Report for the 2018 Alves Ranch Project**

The City of Pittsburg (City) will be the Lead Agency and will prepare a Supplemental Environmental Impact Report (SEIR) pursuant to Public Resources Code section 21166 and CEQA Guidelines Section 15163 for the proposed 2018 Alves Ranch Project ("2018 Project") described herein. The 2018 Project, as described further herein, reflects revisions to the previously approved Alves Ranch project, which was originally approved as part of the larger Vista Del Mar development (see Exhibit 1). Similar to the previously approved project, the 2018 Project consists of a residential and commercial development on an approximately 57.81-acre site located on W. Leland Road, as shown on the attached Project Location map (see Exhibit 2). A general description of the 2018 Project, its location, and the scope of the environmental assessment are contained in the attached materials. A Draft Initial Study checklist with a more detailed project description has also been prepared and is available on the City's website at www.ci.pittsburg.ca.us/alvesranch.

Once a decision is made to prepare an SEIR, the lead agency must prepare a Notice of Preparation (NOP), this document, to inform all responsible and trustee agencies that an EIR will be prepared (CEQA Guidelines Section 15082). The purpose of the NOP is to provide agencies with sufficient information describing both the 2018 project and the potential environmental effects to enable the agencies to make a meaningful response as to the scope and content of the information to be included in the SEIR. The City is also soliciting comments on the scope of the SEIR from interested parties.

Project Title: 2018 Alves Ranch Project
Project Applicant: William Lyon Homes, Inc.

Signature: 
Title: Planning Manager
Date: 12/18/2018
Phone: 925-252-6941

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DEC 2[illegible] 2018
CONTRA COSTA FIRE DISTRICT

P-2018-06888 PLN

The purpose of the SEIR is to provide information about potential significant physical environmental impacts of the 2018 Project, to identify possible ways to minimize those significant impacts, and to describe and analyze possible alternatives to the proposed project if potential significant impacts are identified. Preparation of an NOP or EIR does not indicate a decision by the City to approve or disapprove the project. However, prior to making any such decision, the City Council must review and consider the information contained in the EIR.

PUBLIC SCOPING MEETING AND COMMENT SUBMITTAL

A scoping meeting open to the public will be held to receive comments regarding the scope and content of the environmental information to be included in the SEIR. At the scoping meeting, staff will give a brief presentation of the SEIR process and will take oral and any written comments. The meeting time and location follow:

Date:	Wednesday, January 9, 2019
Time:	6:00 PM
Location:	Pittsburg City Hall Council Chamber, 3rd floor, 65 Civic Avenue, Pittsburg, California 94565

Written comments on the scope of the proposed project and the associated SEIR are welcome and should be sent by e-mail, fax, or regular mail **no later than 5:00 PM on January 17, 2019**, to:

Jordan Davis, Senior Planner
65 Civic Avenue
Pittsburg, California 94565
Email: jdavis@ci.pittsburg.ca.us
Fax: (925) 252-4814.

Questions concerning the environmental review of the proposed project should be directed to Jordan Davis at (925) 252-4015; however, please note that comments on the scope of the SEIR cannot be accepted over the phone. To be considered during preparation of the SEIR, comments must be received in writing by the deadline identified above or provided during the public scoping meeting.

INITIAL STUDY

The City has prepared a Draft Initial Study (available at www.ci.pittsburg.ca.us/alvesranch) to evaluate the potential environmental effects of the proposed project and to determine the scope of the SEIR. Pursuant to CEQA Guidelines Section 15063(c)(3), the Initial Study has been prepared to: 1) focus the SEIR on effects determined to be significant; and 2) to identify the effects determined not to be significant or that can be reduced to a less-than-significant level through standard mitigation measures or conditions of approval. Pursuant to CEQA Guidelines Section 15163, the lead agency may prepare a supplement to a previously certified environmental impact report if: (1) it has been determined that changes in the project, in circumstances surrounding the project, and/or new information of substantial importance (which was not known and could not have been known at the time the original EIR was certified) would result in previously undisclosed significant environmental impacts; and (2) only minor additions or changes would be necessary to make the previous EIR adequately apply to the project in the changed situation.

PROJECT LOCATION

The 2018 Project encompasses approximately 57.81 acres of undeveloped, previously graded land located toward the western end of the City, approximately 0.3 mile west of the Pittsburg/Bay Point San Francisco Bay Area Rapid Transit (BART) Station, on the north side of West Leland Road (Assessor's Parcel Nos. 097-700-001; 097-700-002; and 097-700-005). The project site is bounded by the San Marco neighborhood (west), State Route 4 (north), undeveloped land (east), and W. Leland Road (south); refer to Exhibit 2.

The project site contains undeveloped land. The site has been previously graded in connection with the previously approved tentative subdivision map (which was approved as part of the larger Vista Del Mar development) and routinely disked for weed abatement purposes. A seven-acre stormwater basin is present in the northern portion of the site. Vegetation onsite consists of shrubs, grasses, and weeds.

The City of Pittsburg General Plan designates the project site as a combination of "Business Commercial" and "High Density Residential." The western portion of the project site is zoned CO-P (Office Commercial with a Master Plan Overlay, Ordinance No. 04-1230) District and the remaining portion of the project site is zoned RH-P (High-Density Residential with a Master Plan Overlay, Ordinance No. 04-1230).

PROJECT BACKGROUND

The project site was originally part of a larger property purchased in 1917 by Virginia Alves for use as a cattle ranch and grazing land. The Alves property served many purposes over the years, including manufacturing, commercial, and ranching endeavors. The project site (along with other adjacent lands) has long been planned for urbanization and development with residential, commercial and open space uses, and therefore has been through several rounds of entitlements and environmental review dating back to the late 1980s. Each round is summarized as follows.

Southwest Hills General Plan Amendment and Boundary Reorganization (1987–1990)

On August 3, 1987, the Pittsburg City Council certified an EIR for the Southwest Hills General Plan Amendment and Boundary Reorganization (Resolution No. 87-7209). The acreage included in the reorganization area encompassed approximately 2,570 acres (including the project site) located south of SR 4 and west of Bailey Road, just outside what was then the Pittsburg City Limits. On August 7, 1987, the City Council adopted Resolution Nos. 87-7204 and 87-7205, approving submittal of applications for the property-owner-initiated reorganization to the Local Agency Formation Commission, which involved inclusion into the City's sphere of influence and municipal boundary, as well as the boundaries of the Contra Costa Water District (CCWD) and Delta Diablo Sanitation District (Delta Diablo).

On September 6, 1988, the City Council adopted Resolution No. 88-7357 comprehensively updating the City's General Plan. With the exception of a shopping center located on the southwest quadrant of SR 4 and Bailey Road, all of the acreage within the Southwest Hills Boundary Reorganization Area was designated as residential or open space on the General Plan land use diagram.

On April 3, 1990, the City Council adopted Ordinance No. 90-990, adopting a Negative Declaration and authorizing execution of the Southwest Development Agreement (DA). The Southwest DA allowed for the construction of 2,938 residential units on 639 acres within the previously referenced Southwest Hills Boundary Reorganization Area west of the project site.

Vista Del Mar Project (2004)

In 2004, William Lyon Homes, Inc., and Alves Ranch, LLC, submitted a plan to develop approximately 293-acres of the Alves property as a residential and commercial subdivision, known as the Vista Del Mar development. The 2004 Vista Del Mar project development program anticipated approximately 1,100 housing units, 257,500 square feet of commercial floor space, an 11.33-acre school/park site, 117.68 acres of permanent hillside open space, associated landscaped buffers, public and private roadways, a detention basin, a water tank site, and a water pump station site. The City prepared an EIR ("2004 EIR"; State Clearinghouse [SCH] No. 2004012097) to analyze the potential environmental impacts associated with the Vista Del Mar development.

As part of the overall development program analyzed as part of the Vista Del Mar project, the 2004 EIR contemplated high density residential and business commercial land uses, as well as a regional stormwater basin, on the approximately 57.81-acre portion of the Alves property north of West Leland Road (project site). The 2004 EIR assumed that this northern portion of the Vista Del Mar development would include 563 housing units on 32.1 acres and 257,500 square feet of commercial building space on 14.78 acres, along with the aforementioned 7-acre stormwater basin site.

On October 18, 2004, the City Council adopted Resolution No. 04-10168, certifying the 2004 Final EIR for the Vista Del Mar development. On November 29, 2004, the City adopted Resolution No. 04-10191, approving CEQA findings and adopting a Statement of Overriding Considerations and a Mitigation, Monitoring and Reporting Program (MMRP), as well as Resolution No. 04-10192, amending the General Plan land use map and Policy 2-P-88 to change the distribution of residential densities within the Vista Del Mar development area. On December 6, 2004, the City Council adopted Ordinance No. 04-1230, authorizing execution of a development agreement for the Vista Del Mar project area, as well as rezoning the portion of the Vista Del Mar site south of West Leland Road to PD (Planned Development) District and the Alves property north of West Leland Road to a combination of CO-P and RH-P Districts.

First Amendment to Development Agreement (2005)

On May 13, 2005, William Lyon Homes, Inc., Alves Ranch, LLC, and the City executed an amendment to the previously approved Development Agreement, related to the manner in which the Developer would be required to fully satisfy its parkland dedication or improvement obligations. While the Developer had initially requested that the City consider a joint use park within the project site, the arrangement was determined to be infeasible, and the City and Developer agreed that requiring the Developer to pay in lieu parkland dedication fees would provide greater overall park and recreational benefits to the City's residents. This First Amendment to the Development Agreement was processed as an Administrative Agreement Amendment pursuant to and in compliance with Section 702(a) of the Development Agreement, which authorized the use of Administrative Agreement Amendments where minor changes to the Agreement did not substantially affect specified items.

Second Amendment to Development Agreement (2005)

On June 26, 2006, William Lyon Homes, Inc., Alves Ranch, LLC, and the City executed a second amendment to the previously approved Development Agreement, related to minor changes to Sections 3.10, 3.02(b), 3.02(d), 4.09, 5.06, and 6.11 of the Development Agreement, related to costs of the Southwest Hills Water Improvements, William Lyon Homes Inc.'s parkland dedication fee obligations, and the manner in which Developers would be required to fully satisfy their obligations with respect to the Vista Del Mar project's participation in certain lighting and landscaping districts established by the City. This Second Amendment to the Development Agreement was processed as an Administrative Agreement Amendment pursuant to and in compliance with Section 702(a) of the Development Agreement, which authorized the use of

Administrative Agreement Amendments where minor changes to the Agreement did not substantially affect specified items.

Alves Ranch EIR Addendum No. 1 and 2009 Revised Project (2008–2009)

In August 2008, a revised development plan was proposed for the approximately 57.81-acre portion of the 2004 Vista Del Mar development located north of West Leland Road project site). These changes contemplated development of up to 478 total residential units, comprised of 308 multi-family units (including 93 affordable housing units), and 170 single-family detached units on 31.7 acres. The plan also contemplated 221,500 square feet of commercial floor space on approximately 14 acres. The 2008 development plan required the approval of: (1) a rezoning to establish a Master Plan Overlay District; (2) a vesting tentative subdivision map; and (3) design review. An Addendum to the previously certified 2004 EIR ("2008 Addendum") was prepared to analyze whether the proposed changes were adequately addressed in the 2004 EIR. The 2008 Addendum concluded that the revised development plan would contribute to eight of the nine significant unavoidable impacts identified in the 2004 EIR; however, none of the significant unavoidable impacts involved a new significant impact or a more severe significant impact than those previously identified and addressed in the statement of overriding considerations accompanying the 2004 EIR.

The City and the applicant continued to refine the revised development plan, making minor changes to the site plan and project design. On January 20, 2009, the City Council adopted Ordinance No. 08-1312, adopting an EIR Addendum and approving a master plan for the project site. The approved Master Plan ultimately anticipated the development of up to 560 housing units (more than originally anticipated in the 2008 revised plan, but a slight decrease from the 563 units analyzed in the 2004 FEIR), a 0.6-acre recreational facility, and 221,500 square feet of commercial floor area (a slight decrease from the originally approved 257,000 square feet analyzed in the 2004 EIR).

Third Amendment to Development Agreement (2010)

On September 8, 2010, William Lyon Homes, Inc., Alves Ranch, LLC, and the City executed a second amendment to the previously approved Development Agreement, related to minor changes related to the timing for Alves Ranch LLC to enter into the required affordable housing agreement. The Third Amendment to the Development Agreement did not alter the obligations of the Developer related to the location or number of affordable units required, nor the timing of the development. This Third Amendment to the Development Agreement was processed as an Administrative Agreement Amendment pursuant to and in compliance with Section 702(a) of the Development Agreement, which authorized the use of Administrative Agreement Amendments where minor changes to the Agreement did not substantially affect specified items.

Vista Del Mar EIR Addendum No. 2 and 2012 Vista Del Mar Project (2012)

In 2012, the City adopted a second addendum to the 2004 EIR that analyzed a request to amend the General Plan designations of approximately 20.4 acres of land within the Vista Del Mar development, south of West Leland Road from "Low Density Residential," and "Hillside Low Density Residential," to "Open Space," and also amended the adopted PD Plan (PD 04-1230) to reflect the changes of the two locations from "Single Family Residential" and "Estate Lots" to "Open Space." These land use changes, however, did not involve any portion of the project site.

These areas were subsequently included in the Geological Hazard Abatement District (GHAD) established to address and appropriately mitigate the identified geotechnical hazards within the Vista Del Mar

development area. The City prepared a second addendum ("2012 Addendum") in accordance with CEQA for the foregoing revisions to the Vista Del Mar development.

2018 PROJECT DESCRIPTION

The 2018 Alves Ranch Project ("2018 Project") consists of the development of 346 single-family dwelling units and 10 accessory dwelling units on approximately 25.93 acres, and the rezoning and relocation of approximately 12 acres of the project site for neighborhood- and community-serving commercial uses to the center of the project site.

Residential uses would consist of single-family detached and attached units, with an overall density of approximately 14 units per acre. Units would be broken down into three distinct neighborhoods:

- Neighborhoods A-1 and A-2 would be located along the northern and eastern sides of the development and would consist of 136 "duet" units. Each duet would be designed to mimic one single-family detached home but would actually provide two separate units with a shared wall. Entrances to the individual units would be placed on differing facades accessed by pedestrian-only walkways between each unit, and each duet would include two, separate two-car garages accessible via a shared driveway;

- Neighborhood C would provide 110 alley-loaded detached units. Each unit in Neighborhood C would include a two-car garage accessible from an alley, street, or driveway, and a front door on the opposing façade, accessible via a pedestrian-only walkway. Each unit would also include an expanded side yard area for private open space;

- Neighborhood D would provide the largest homes, consisting of 100 traditional detached dwelling units with two-car garages. Ten of the proposed units in Neighborhood D would include income-restricted accessory dwelling units.

Overall, the 2018 Project includes 214 fewer housing units and a lower overall residential density compared to the 2009 approval. The location of residential uses would be adjusted, as compared to the location identified in the 2004 EIR and the 2009 approval, to improve circulation, site accessibility, and compatibility with neighboring residential uses.

Similar to the 2009 project, the 2018 Project contemplates development of a commercial component in the form of approximately 12 acres of various retail, restaurant, and other neighborhood-serving commercial uses. The commercial uses would be relocated from the western side to the center of the project site, with roads, driveways, and other circulation details and locations modified to accommodate this revision.

Based on an analysis of existing shopping centers in the region, the anticipated type of development on the parcel, and off-street parking and loading space requirements for the City of Pittsburg, the developer has approximated that in a potential development scenario, a maximum total of 140,000 square feet of commercial floor area could be developed on the 12-acre parcel. Pursuant to a memorandum of agreement executed by the developer, property owner, and City, these uses would be required to include an approximately 40,000 square-foot grocery store, or otherwise pay a penalty to the City.

REQUIRED APPROVALS

Implementation of the 2018 Alves Ranch Project would require, but is not limited to, the following discretionary approvals by the City of Pittsburg:

- Certification of the Supplemental Environmental Impact Report
- Approval of a General Plan Amendment
- Approval of a Zoning Map Amendment
- Vesting Tentative Subdivision Map
- Design Review
- Approval of 4th Amendment to the Development Agreement

SEIR SCOPE

The City of Pittsburg has determined that it will prepare a Supplemental Environmental Impact Report (SEIR) pursuant to the California Environmental Quality Act (CEQA) (see Pub. Res. Code § 21166; *CEQA Guidelines* § 15163). Pursuant to *(CEQA) Guidelines* Section 15163, the lead or responsible agency may prepare a supplement to a previously certified environmental impact report (EIR) if: 1) it has been determined that changes in the project, in circumstances surrounding the project, and/or new information of substantial importance (which was not known and could not have been known at the time the original EIR was certified) would result in previously undisclosed significant environmental impacts; and 2) only minor additions or changes would be necessary to make the previous EIR adequately apply to the project in the changed situation. Accordingly, the City anticipates that the SEIR will scope out the environmental topic areas identified in the attached Initial Study for the reasons set forth therein.

The following probable environmental effects of the project and any required feasible mitigation measures will be evaluated in the SEIR:

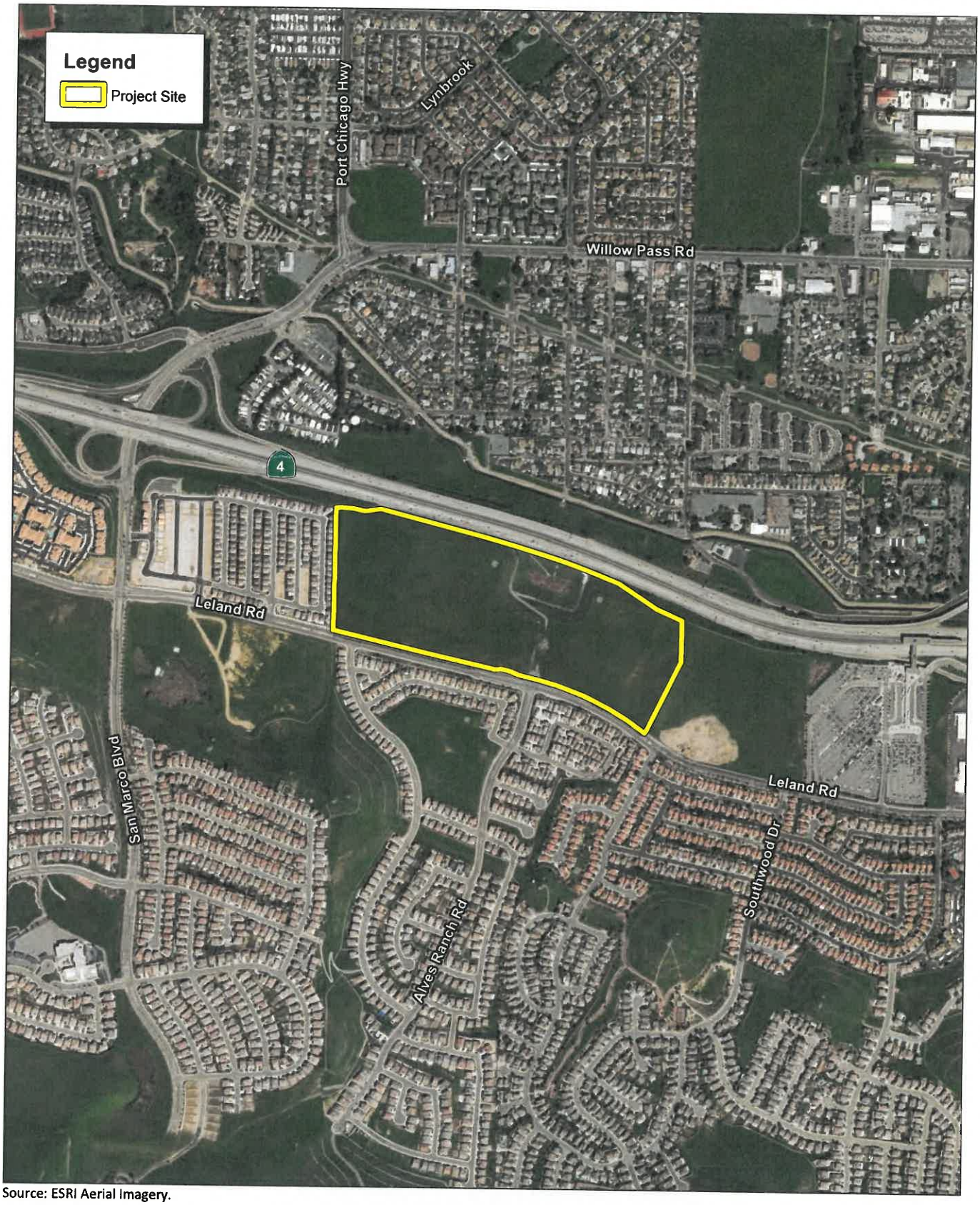
- **Air Quality:** The SEIR will describe the potential construction and operational impacts of the project on local and regional air quality based on methodologies defined by the Bay Area Air Quality Management District (BAAQMD).
- **Biological Resources:** The SEIR will evaluate potential impacts on biological resources resulting from the proposed project, including potential impacts on special status species, wildlife movement.
- **Greenhouse Gas Emissions:** The SEIR will describe the potential project impacts on local greenhouse gas emissions and global climate change, following the latest approach and methodologies recommended by State and regional agencies.
- **Noise:** The SEIR will describe project-related construction and long-term operation (traffic, mechanical systems, etc.) noise impacts and any related mitigation needs.
- **Transportation:** The SEIR will describe the transportation and circulation impacts of the proposed project, including its incremental contribution to daily and peak hour traffic on local and regional roadways. The evaluation will include intersections, transit implications and effects on pedestrian and bicycle circulation.

Source: Census 2000 Data, The CaSIL.

FIRSTCARBON SOLUTIONS℠

5 2.5 0 5 Miles

Exhibit 1
Regional Location Map

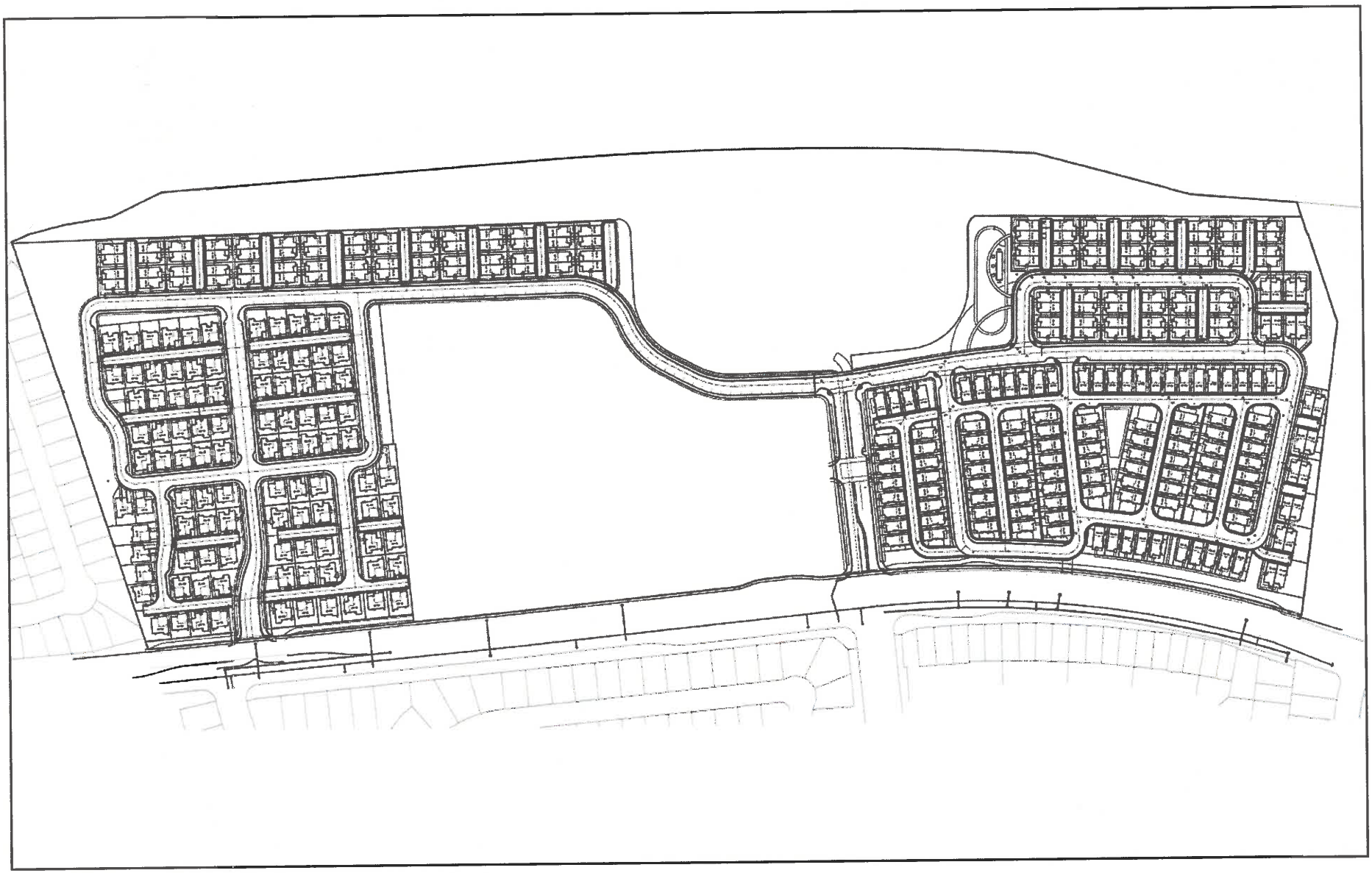


Source: ESRI Aerial Imagery.

FIRSTCARBON SOLUTIONS℠

1,000 500 0 1,000 Feet

Exhibit 2
Local Vicinity Map
Aerial Base



Source: WHA Architects, Planners, Designers.

FIRSTCARBON SOLUTIONS™

Exhibit 3
Site Plan

From: Bruce 0le Ohlson <bruceoleohlson@hotmail.com>
Sent: Thursday, January 17, 2019 11:33 AM
To: Jordan Davis <jdavis@ci.pittsburg.ca.us>
Cc: BEB Susie Hufstader <susie@bikeeastbay.org>; Bike Concord <advocacy@bikeconcord.org>; Delta Pedalers Board Listserver <deltapedalersboard@yahoogroups.com>
Subject: Input to Alves Ranch EIR

Jordan,

Here are some thoughts that I wish to submit as input to the EIR for the Alves Ranch Development. Thank you for all your efforts in this project and throughout the City. These points could be mitigations for the traffic that will be generated by the housing. It is good that this project is close to BART. This list is somewhat in order of importance as determined by Pittsburg's bicycle community.

- Construct a passage so that pedestrians and bicyclists can cut through the northern edge of the neighboring property to directly access the BART station. Ultimately, the use of this passage will depend on obtaining the cooperation of the owner of the property located between the Alves property and the BART station when he develops that property. I expect that when the intervening property is developed, the Planning Commission will be able to condition the connection of this passage.
- Build a multi-use path along the west side of San Marco Boulevard between the Delta de Anza Trail, under Highway 4, and all the way up to Lasater Park and the Delta View Elementary School. Parts of this trail are already in position. The completed trail should meet the standard trail design details as promulgated by the East Bay Regional Park District. A condition of approval of the San Marco Apartment expansion was to build the segment of path along San Marco Boulevard (along the edge of their property) between Highway 4 and West Leland Road, however a sunset clause was negotiated into that condition of approval that required the construction of the portion under the freeway to be completed before the renewal of the development agreement for the entire San Marco Development in 2020. We are rapidly approaching this deadline. Any design and placement of the path would be acceptable, but any trees taken out should be replaced following the standard guidelines of the City of Pittsburg.

- Build a bridge over the Contra Costa Canal behind the John Henry Johnson Park to connect to the paved canal maintenance road. The current Pittsburg General Plan calls for the use of these maintenance roads as bicycle and pedestrian paths. The CCWD will cooperate because there are many miles of such use in neighboring communities. This segment of maintenance road heads west and intersects with the Delta de Anza National Historic Trail at the edge of Ambrose Park. We might want to consider building a connection from this maintenance road across the edge of the vacant property just to the west of the existing houses on the north side of the canal. However, that probably would be for the developer of that property when, if ever, it is developed.
- If additional mitigation projects are needed, the completion of the Delta de Anza Trail between Port Chicago Highway and Evora Road should be considered. There is sufficient space along the south side of San Marco Boulevard to fit in a standard-width path. Although this segment of roadway is in Contra Costa County, not the City of Pittsburg, there is a nexus in that the Delta de Anza Trail completely crosses the entire City of Pittsburg.

Thank you, again, Jordan, for your efforts in guiding this development forward as it moves through all the twists and turns of the application process.

All best wishes,

~0le

Bruce "0le" Ohlson
Bike East Bay
Delta Pedalers Bicycle Club
Contra Costa Countywide Bicycle Advisory Committee
CCTA Bicycle & Pedestrian Advisory Committee
Caltrans District 4 Bicycle Advisory Committee
TRANSPLAN appointee to Highway 4 Integrated Corridor Management Study
Healthy and Livable Pittsburg Collaborative

KRISTINA D. LAWSON
PARTNER
DIRECT DIAL (925) 746-8474
DIRECT FAX (925) 746-8490
E-MAIL klawson@hansonbridgett.com

HansonBridgett

January 17, 2019

VIA E-MAIL AND FACSIMILE (925) 252-4814 jdavis@ci.pittsburg.ca.us

Jordan Davis
Senior Planner
City of Pittsburg
65 Civic Avenue
Pittsburg, CA 94565

Re: Notice of Preparation of a Supplemental Environmental Impact Report for the 2018 Alves Ranch Project

Dear Mr. Davis:

On behalf of Discovery Builders, Inc., we have reviewed the December 2018 Notice of Preparation of a Supplemental Environmental Impact Report ("NOP") and the December 2018 Draft Initial Study checklist ("Initial Study") for the 2018 Alves Ranch Project, and submit the following comments regarding the scope and content of the environmental information that must be included in the proposed Supplemental Environmental Impact Report ("SEIR").

As an initial matter, the Project Description remains inadequate. A major component of the Project is its proposed relocation of residential uses to a portion of the Project site that previously was rezoned to Office Commercial with a Master Plan Overlay and does not currently allow residential development. Yet neither the NOP nor the Initial Study describes or depicts the exact locations of the various neighborhood types. With regard to the approximately 140,000 square foot commercial site, the Project Description fails to provide any detail whatsoever, including the location of the proposed 40,000 square foot grocery store.

We understand the SEIR will provide additional analyses in the areas of Air Quality, Biological Resources, GHG Emissions, Noise and Transportation and Traffic. While the Initial Study indicates that the SEIR will study traffic volumes in the project vicinity and the impacts of the Project's peak-hour trips that would travel on local roadways, we would like to clarify that the SEIR must consider impacts on surrounding roadways, and evaluate cumulative traffic volumes.

In addition, we reiterate our previous comment (on the proposed draft 3rd Addendum for the Project) regarding the need for further environmental review in the area of Cultural Resources and submit that the SEIR must identify or otherwise take into consideration any archaeological monitoring associated with the previous developments of the site. If no reports were completed, the SEIR must identify and analyze any other subsurface information, e.g., soils reports, from the previous development projects.

Finally, one of the discretionary approvals required for the Project is a vesting tentative subdivision map and we previously commented on the City's failure to require a stormwater

control plan. We disagree with the Initial Study conclusion that the Project cannot be required to submit such plan because it is grandfathered under the terms of the NPDES Permit and has vested rights under the development agreement.

We look forward to reviewing and providing further comments on the draft SEIR.

Very truly yours,

Kristina D. Lawson

KDL:rsc

cc: Louis Parsons

From: Jorge Hernandez <jorge.hernandez@pw.cccounty.us>
Sent: Tuesday, January 22, 2019 5:02 PM
To: Jordan Davis <jdavis@ci.pittsburg.ca.us>
Cc: Teri Rie <teri.rie@pw.cccounty.us>; Alex Azar (aazar@rja-gps.com) <aazar@rja-gps.com>; mandy.leung@lyonhomes.com; Michelle Cordis <michelle.cordis@pw.cccounty.us>
Subject: Alves Ranch Subdivision NOP for SEIR-Flood Control District Comments

Dear Mr. Davis:

We received the Notice of Preparation (NOP) of a Supplemental Environmental Impact Report (SEIR) and Initial Study for the Alves Ranch Subdivision and Commercial Development (Project No: 18-1348), located between Highway 4 and West Leland Road (APN's 097-700-001, -002, -005), north of the Vista Del Mar subdivision (Sub 8448). We previously provided comments on this development in our letter dated August 15, 2018, a copy of which is attached. We received the notice on December 20, 2018, and submit the following comments:

This development drains into the Drainage Area 48B Basin (Basin) that was constructed by William Lyon Homes and analyzed by RJA Engineers in their work on the Vista Del Mar Subdivision (located upstream o this project). Construction of the detention Basin is a mitigation measure of the Vista Del Mar Environmental Impact Report. The Initial Study for the SEIR states that the existing water quality storage volume of the Basin is proposed to be increased from 5 acre-feet to 6.2 acre-feet to address this development's water quality requirements; however it does not further explain that increasing the Basin's water treatment capabilities will decrease the Basin's flood control storage capacity. his proposed reduction in flood control storage capacity could create or contribute runoff water that would exceed the capacity of the existing stormwater drainage system. We recommend that the SEIR include mitigation measures to address this drainage capacity concern. As a proposed mitigation measure, we recommend that the applicant's engineer submit to the City and the Contra Costa County Flood Control and Water District (FC District), for review and approval, a drainage study, with an updated hydrology map (stamped and signed by a registered Civil Engineer), that analyzes the feasibility of increasing the on-site basin's water treatment volumes and the impacts these proposed modifications will have on the basin's Flood Control storage capacity.

The FC District previously provided comments on the Basin's emergency spillway, the 60-inch diameter secondary spillway standpipe, and the proposed Operation and Maintenance Manual in our e-mail from Craig Standafer, dated August 13, 2008 (attached). To our knowledge, these comments have not all been addressed. In light of the proposed flood control storage capacity reduction and potential increase in reliance on these secondary and emergency spillways, the SEIR should include the recommendations from

our August 13, 2008 email, as a mitigation measures to reduce the potential for flooding. These recommendations include, but are not limited to:

- Ensuring that Caltrans does not construct any structure that would block the basin's emergency spillway.
- Providing access to the secondary spillway trash rack so that loose material can be removed from above. A path, road, or otherwise defined relatively flat corridor to the top of the trash rack needs to be provided to properly maintain the facility.
- Ensuring that the emergency spillway concrete slab can support truck loads. The 6" thick with #4 bars at 12" O.C. shown on the plans appears to be too thin.
- Providing an adequate access road from the basin to the pubic road. The longitudinal slope of the fifteen foot wide access road should not exceed 10 percent. If the longitudinal slope of the access road should exceed 10 percent, the road should be paved with asphalt concrete or other similar surface. The structural section shall be designed to withstand the loads imposed by a 35 ton truck mounted crane. If any portion of the road requires asphalt concrete, the total length of the road should also be so paved. Access roads with longitudinal slope of less than 10 percent slope shall be paved with crushed run gravel, unless otherwise directed by the Chief Engineer or designee.
- The dewatering outlet ¼-inch mesh debris screen shown on the plans could promote clogging and require additional maintenance. We note that other projects done by Caltrans have used ½-inch screen.
- The last set of plans we have for the dewatering outlet call for 2-rows of 8 or, 16 total holes in the riser, however the last hydrologic analysis of the basin (Schaaf & Wheeler Memorandum, dated June 5, 2018) indicates that the riser has eight 1-1/2" diameter holes controlling the outflow. This discrepancy needs to be resolved.

We appreciate the opportunity to review projects involving drainage matters and welcome continued coordination. If you have any questions, please call me at (925) 313-2346 or e-mail me at jorge.hernandez@pw.cccounty.us.

Thank you,

Jorge Hernandez | **Staff Engineer**

Contra Costa County Public Works: Flood Control & Water Conservation District
255 Glacier Drive, Martinez, CA 94553
p: 925.313.2346 | f: 925.313.2333 | e: jorge.hernandez@pw.cccounty.us | cccpublicworks.org

State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
Bay Delta Region
2825 Cordelia Road, Suite 100
Fairfield, CA 94534
(707) 428-2002
www.wildlife.ca.gov

GAVIN NEWSOM, Governor
CHARLTON H. BONHAM, Director

January 23, 2019

Mr. Jordan Davis
City of Pittsburg
65 Civic Avenue
Pittsburg, CA 94565

Dear Mr. Davis:

Subject: Vista Del Mar Subdivision, Notice of Preparation of a Supplemental Environmental Impact Report, SCH #2004012097, City of Pittsburg, Contra Costa County

The California Department of Fish and Wildlife (CDFW) reviewed the Notice of Preparation (NOP) of a Supplemental Environmental Impact Report (EIR) provided for the Vista Del Mar Subdivision (Project) located at 38.018389 degrees latitude, and -121.954722 degrees longitude in the City of Pittsburg, Contra Costa County. The NOP was received in our office on December 27, 2018.

CDFW is a Trustee Agency with responsibility under the California Environmental Quality Act (CEQA) §15386 for commenting on projects that could impact fish, plant and wildlife resources. CDFW is also considered a Responsible Agency if a project would require discretionary approval, such as the California Endangered Species Act (CESA) Permit, the Native Plant Protection Act, the Lake and Streambed Alteration Agreement (LSAA) and other provisions of the Fish and Game Code that afford protection to the State's fish and wildlife trust resources. Pursuant to our jurisdiction, CDFW has the following concerns, comments, and recommendations regarding the Project.

PROJECT DESCRIPTION AND LOCATION

The Project is located within the incorporated limits of the City of Pittsburg, north of West Leland Road between San Marco Boulevard and Bailey Road. The Project is a revised portion of the 2004 Alves Ranch Project, later amended in 2009. The 2018 Project includes the development of 356 dwelling units on approximately 25.93 acres, as well as rezoning 12 acres of the Project site for commercial purposes, including a 40,000-square foot grocery store, restaurants, and retail facilities. Compared to the amended EIR accepted in 2009, the 2018 Project would decrease the overall residential density and include 214 fewer housing units.

The CEQA Guidelines (§§15124 and 15378) require that the supplemental EIR incorporate a full Project description, including reasonably foreseeable future phases of the Project, and that contains sufficient information to evaluate and review the Project's environmental impact. Please include a complete description of the following Project components in the Project description:

- Footprints of permanent Project features and temporarily impacted areas, such as staging areas and access routes;

- Encroachments into riparian habitats, wetlands or other sensitive areas;
- Area and plans for any proposed buildings/structures, ground disturbing activities, fencing, paving, stationary machinery, landscaping, and storm water systems;
- Operational features of the Project, including level of anticipated human presence (describe seasonal or daily peaks in activity, if relevant), artificial lighting/light reflection, noise and greenhouse gas generation, traffic generation, and other features, both during construction and after completion of the Project.

ENVIRONMENTAL SETTING

Sufficient information regarding the environmental setting is necessary to understand the Project's, and its alternative's (if applicable), significant impacts on the environment (CEQA Guidelines, §§15125 and 15360). CDFW recommends that the CEQA document prepared for the Project provide baseline habitat assessments for special-status plant, fish and wildlife species located and potentially located within the Project area and surrounding lands, including all rare, threatened, or endangered species (CEQA Guidelines, §15380). Fully protected, threatened or endangered, candidate, and other special-status species that are known to occur, or have the potential to occur in or near the Project site, include, but are not limited to:

Species	California Endangered Species Act	Federal Endangered Species Act	Other Special Status
California tiger salamander *Ambystoma californiense*	Threatened	Endangered	
California red-legged frog *Rana draytonii*		Threatened	SSC [1]
Burrowing owl *Athene cunicularia*			SSC
Golden eagle *Aquila chrysaetos*	FP[2]		
Loggerhead shrike *Lanius ludovicianus*			SSC
Swainson's hawk *Buteo swainsoni*	Threatened		
White-tailed kite *Elanus leucurus*	FP		

[1] SSC: California Species of Special Concern
[2] FP: Fully Protected

Habitat descriptions and species profiles should include information from multiple sources: aerial imagery, historical and recent survey data, field reconnaissance, scientific literature and reports, and findings from "positive occurrence" databases such as California Natural Diversity Database (CNDDB). Based on the data and information from the habitat assessment, the CEQA document can then adequately assess which special-status species are likely to occur in the Project vicinity.

CDFW recommends that prior to Project implementation, surveys be conducted for special-status species with potential to occur, following recommended survey protocols if available.

Survey and monitoring protocols and guidelines are available at: https://www.wildlife.ca.gov/Conservation/Survey-Protocol.

Botanical surveys for special-status plant species, including those listed by the California Native Plant Society (http://www.cnps.org/cnps/rareplants/inventory/), must be conducted during the blooming period for all sensitive plant species potentially occurring within the Project area and require the identification of reference populations. Please refer to CDFW protocols for surveying and evaluating impacts to rare plants including reporting requirements available at: https://www.wildlife.ca.gov/Conservation/Plants.

IMPACT ANALYSIS AND MITIGATION MEASURES

The CEQA Guidelines (§15126.2) necessitate that the supplemental EIR discuss all direct and indirect impacts (temporary and permanent) that may occur with implementation of the Project. This includes evaluating and describing impacts such as:

- Potential for "take" of special-status species;
- Loss or modification of breeding, nesting, dispersal and foraging habitat, including vegetation removal, alternation of soils and hydrology, and removal of habitat structural features (e.g. snags, roosts, overhanging banks);
- Permanent and temporary habitat disturbances associated with ground disturbance, noise, lighting, reflection, air pollution, traffic or human presence; and
- Obstruction of movement corridors, fish passage, or access to water sources and other core habitat features.

The CEQA document also should identify reasonably foreseeable future projects in the Project vicinity, disclose any cumulative impacts associated with these projects, determine the significance of each cumulative impact, and assess the significance of the Project's contribution to the impact (CEQA Guidelines, §15355). Although a project's impacts may be insignificant individually, its contributions to a cumulative impact may be considerable; a contribution to a significant cumulative impact – e.g., reduction of available habitat for a listed species – should be considered cumulatively considerable without mitigation to minimize or avoid the impact.

Based on the comprehensive analysis of the direct, indirect, and cumulative impacts of the Project, the CEQA Guidelines (§§ 15021, 15063, 15071, 15126.2, 15126.4 and 15370) direct the lead agency to consider and describe all feasible mitigation measures to avoid potentially significant impacts in the supplemental EIR, and/or mitigate significant impacts of the Project on the environment. This includes a discussion of take avoidance and minimization measures for special-status species, which are recommended to be developed in early consultation with the U.S. Fish and Wildlife Service, the National Marine Fisheries Service and CDFW. These measures can then be incorporated as enforceable Project conditions to reduce potential impacts to biological resources to less-than-significant levels.

Fully protected species such as white-tailed kite and golden eagle may not be taken or possessed at any time (Fish and Game Code § 3511). Therefore, the supplemental EIR is advised to include measures to ensure complete take avoidance of these fully protected species.

REGULATORY REQUIREMENTS

California Endangered Species Act

Please be advised that a CESA Permit must be obtained if the Project has the potential to result in "take" of plants or animals listed under CESA, either during construction or over the life of the Project. Issuance of a CESA Permit is subject to CEQA documentation; the CEQA document must specify impacts, mitigation measures, and a mitigation monitoring and reporting program. If the Project will impact CESA listed species, early consultation is encouraged, as significant modification to the Project and mitigation measures may be required in order to obtain a CESA Permit.

CEQA requires a Mandatory Finding of Significance if a project is likely to substantially impact threatened or endangered species (CEQA §§ 21001(c), 21083, & CEQA Guidelines §§ 15380, 15064, 15065). Impacts must be avoided or mitigated to less-than-significant levels unless the CEQA Lead Agency makes and supports Findings of Overriding Consideration (FOC). The CEQA Lead Agency's FOC does not eliminate the Project proponent's obligation to comply with Fish and Game Code § 2080.

Lake and Streambed Alteration Agreement

CDFW will require an LSAA, pursuant to Fish and Game Code §§ 1600 et. seq. for Project-related activities within any 1600-jurisdictional waters within the proposed Project area. Notification is required for any activity that will substantially divert or obstruct the natural flow; change or use material from the bed, channel, or bank including associated riparian or wetland resources; or deposit or dispose of material where it may pass into a river, lake or stream. Work within ephemeral streams, washes, watercourses with a subsurface flow, and floodplains are subject to notification requirements. CDFW, as a Responsible Agency under CEQA, will consider the CEQA document for the Project. CDFW may not execute the final LSAA until it has complied with CEQA (Public Resources Code § 21000 et seq.) as the responsible agency.

FILING FEES

CDFW anticipates that the Project will have an impact on fish and/or wildlife, and assessment of filing fees is necessary (Fish and Game Code, § 711.4; Pub. Resources Code, § 21089). Fees are payable upon filing of the Notice of Determination by the Lead Agency and serve to help defray the cost of environmental review by CDFW.

If you have any questions, please contact Ms. Jennifer Rippert, Environmental Scientist, at (707) 428-2069 or Jennifer.Rippert@wildlife.ca.gov; or Ms. Melissa Farinha, Senior Environmental Scientist (Supervisory), at (707) 944-5579 or Melissa.Farinha@wildlife.ca.gov.

Sincerely,

Gregg Erickson

Gregg Erickson
Regional Manager
Bay Delta Region

cc: State Clearinghouse

U.S. Department of Homeland Security
FEMA Region IX
1111 Broadway, Suite 1200
Oakland, CA. 94607-4052

FEMA

January 31, 2019

Jordan Davis, Senior Planner
City of Pittsburg
65 Civic Avenue
Pittsburg, California 94565

Dear Mr. Davis:

This is in response to your request for comments regarding Notice of Preparation of a Supplemental Environmental Impact Report for the 2018 Alves Ranch Project.

Please review the current effective Flood Insurance Rate Maps (FIRMs) for the County of Contra Costa County (Community Number 060025) and City of Pittsburg (Community Number 060033), Maps revised March 21, 2017. Please note that the City of Pittsburg, Contra Costa County, California is a participant in the National Flood Insurance Program (NFIP). The minimum, basic NFIP floodplain management building requirements are described in Vol. 44 Code of Federal Regulations (44 CFR), Sections 59 through 65.

A summary of these NFIP floodplain management building requirements are as follows:

- All buildings constructed within a riverine floodplain, (i.e., Flood Zones A, AO, AH, AE, and A1 through A30 as delineated on the FIRM), must be elevated so that the lowest floor is at or above the Base Flood Elevation level in accordance with the effective Flood Insurance Rate Map.

- If the area of construction is located within a Regulatory Floodway as delineated on the FIRM, any ***development*** must not increase base flood elevation levels. **The term *development* means any man-made change to improved or unimproved real estate, including but not limited to buildings, other structures, mining, dredging, filling, grading, paving, excavation or drilling operations, and storage of equipment or materials.** A hydrologic and hydraulic analysis must be performed *prior* to the start of development, and must demonstrate that the development would not cause any rise in base flood levels. No rise is permitted within regulatory floodways.

- Upon completion of any development that changes existing Special Flood Hazard Areas, the NFIP directs all participating communities to submit the appropriate hydrologic and hydraulic data to FEMA for a FIRM revision. In accordance with 44 CFR, Section 65.3, as soon as practicable, but not later than six months after such data becomes available, a community shall notify FEMA of the changes by submitting technical data for a flood map revision. To obtain copies of FEMA's Flood Map Revision Application Packages, please refer to the FEMA website at http://www.fema.gov/business/nfip/forms.shtm.

Please Note:

Many NFIP participating communities have adopted floodplain management building requirements which are more restrictive than the minimum federal standards described in 44 CFR. Please contact the local community's floodplain manager for more information on local floodplain management building requirements. The Pittsburg floodplain manager can be reached by calling Fritz McKinley, Community Development Director/City Engineer, at (925) 252-4930. The Contra Costa County floodplain manager can be reached by calling Warren Lai, Division Manager, Engineering Services, at (925) 313-2315.

If you have any questions or concerns, please do not hesitate to call Xing Liu of the Mitigation staff at (510) 627-7267.

Sincerely,

Gregor Blackburn, CFM, Branch Chief
Floodplain Management and Insurance Branch

cc:
Fritz McKinley, Community Development Director/City Engineer, City of Pittsburg
Warren Lai, Division Manager-Engineering Services, Contra Costa County
Ray Lee, WREA, State of California, Department of Water Resources, North Central Region Office
Xing Liu, NFIP Planner, DHS/FEMA Region IX
Alessandro Amaglio, Environmental Officer, DHS/FEMA Region IX

A.2 - 2018 Alves Ranch Project Initial Study

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DRAFT
Initial Study
2018 Alves Ranch Project
City of Pittsburg, Contra Costa County, California

Prepared for:
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925.252.4920

Contact: Kristin Pollot, AICP, Planning Manager

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Walnut Creek, CA 94597
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Contact: Mary Bean, Project Director

Report Date: December 17, 2018

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SECTION 1: INTRODUCTION

1.1 - Purpose

The purpose of this Initial Study is to identify potential environmental impacts from implementation of the 2018 Alves Ranch Project ("2018 Project") in the City of Pittsburg, California. Pursuant to *California Environmental Quality Act (CEQA) Guidelines* Section 15367, the City of Pittsburg ("City") is the Lead Agency in the preparation of this Initial Study and any additional environmental documentation required, and has discretionary authority over the proposed 2018 Project.

The intended use of this document is to determine the level of environmental analysis required under *CEQA Guidelines* and to provide the basis for input from public agencies, organizations, and interested members of the public to support the City's determination as to the appropriate scope of environmental review. Pursuant to *CEQA Guideline*s Section 15163, the lead or responsible agency may prepare a supplement to a previously certified environmental impact report (EIR) if: (1) it has been determined that changes in the project, in circumstances surrounding the project, and/or new information of substantial importance (which was not known and could not have been known at the time the original EIR was certified) would result in previously undisclosed significant environmental impacts; and (2) only minor additions or changes would be necessary to make the previous EIR adequately apply to the project in the changed situation.

The remainder of this section provides a brief description of the project location and the characteristics of the 2018 Project. Section 2 includes an environmental checklist giving an overview of the potential impacts that may result from implementation of the 2018 Project.

1.2 - Project Location

The City of Pittsburg is located along the San Joaquin River and Suisun Bay in eastern Contra Costa County. The Cities of Concord and Antioch border the City to the west and east, respectively (Exhibit 1). While the northern portion of the City is relatively flat, the southern portion is marked by hilly landscapes and higher elevations.

The approximately 57.81-acre project site (project site) is located toward the western end of the City, approximately 0.3 mile west of the Pittsburg/Bay Point San Francisco Bay Area Rapid Transit (BART) Station. In addition, the Keller Canyon Landfill is located approximately 1.5 miles to the southeast of the project site, and a Pacific Gas & Electric (PG&E) transmission line easement is located approximately 1,200 feet to the south of the project site (Exhibit 2).

1.3 - Environmental Setting

1.3.1 - Existing Conditions

The project site contains undeveloped land. The site has been previously graded in connection with the previously approved tentative subdivision map (which was approved in 2004 as part of the larger Vista Del Mar development) and is routinely disked for weed abatement purposes. An

approximately 7-acre regional stormwater basin is present in the northern portion of the site. Vegetation on-site consists of shrubs, grasses, and weeds.

1.3.2 - Surrounding Land Uses

West

The Toscana at San Marco neighborhood is located west of the project site. This neighborhood consists of single-family residences constructed in the mid-2010s. A block wall separates the Toscana neighborhood from the project site. There is a greater grade differential existing at the southwest corner of the project site where a 6-foot tall wooden fence above an approximately 10-foot retaining wall separates the two projects. The recently completed Ray Giacommelli Community Park is also located approximately 900 feet west of the project site, on the south side of West Leland Road.

North

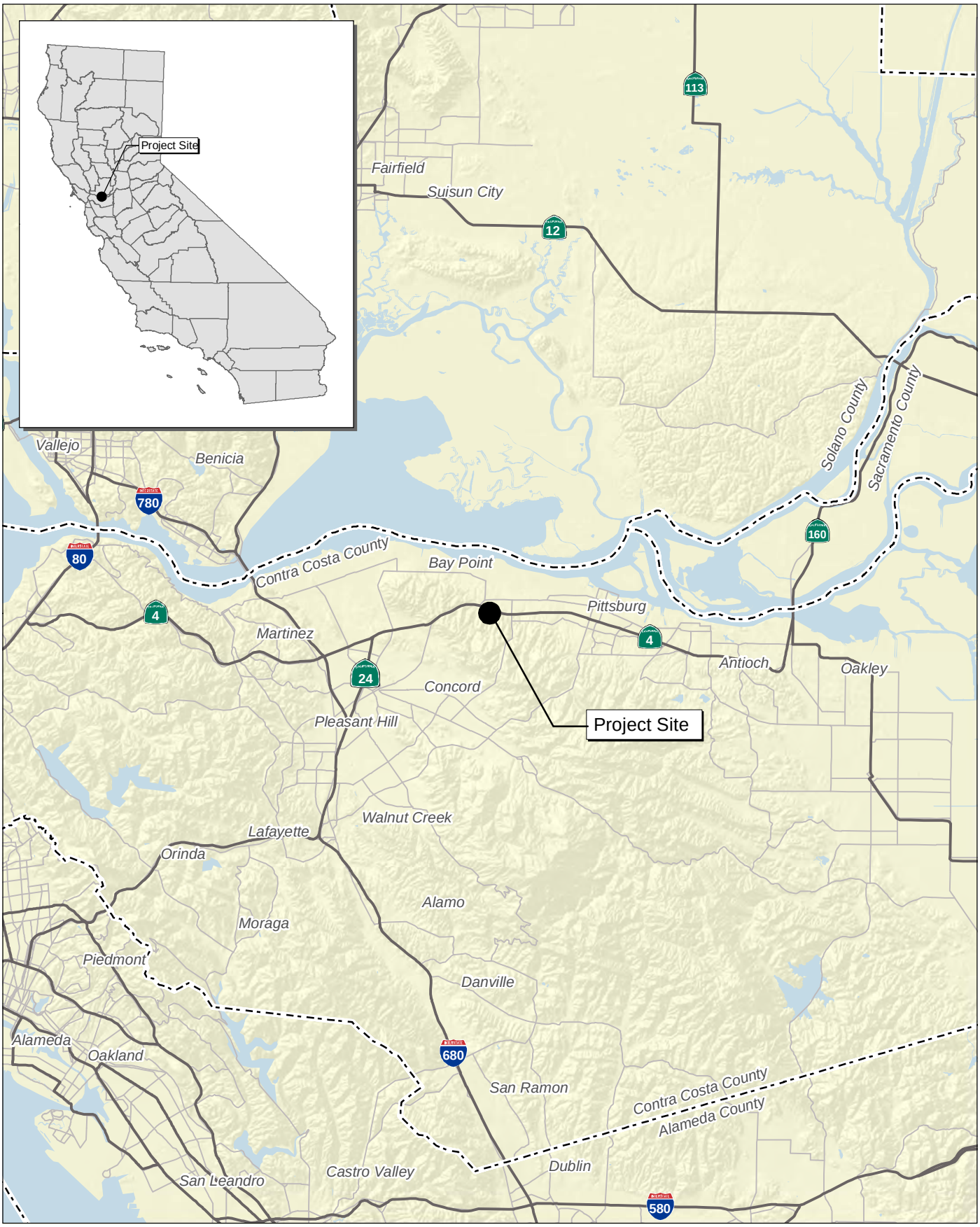
State Route 4 (SR 4), a multi-lane freeway that spans Contra Costa County from east to west, forms the northern boundary of the project site. Within the center median of SR 4 is the BART rail line, which consists of two parallel tracks. Beyond SR 4 is the unincorporated community of Bay Point, Bay Point Regional Shoreline, and the Suisun Bay.

East

East of the project site is approximately 23.4 acres of undeveloped land separated from the project site by a large soil pile that straddles the boundary shared by the project site and this adjacent land. Beyond this adjacent area are the Pittsburg/Bay Point BART Station, parking lot, and more vacant land owned by BART. This area is part of the Pittsburg/Bay Point BART Master Plan, adopted in 2011, which calls for a mixture of medium- and high-density residential development, as well as commercial and open space development. The Oak Hills Shopping Center, which represents the nearest existing commercial shopping opportunities, is located nearly 0.5 mile from the project site.

South

West Leland Road, a four-lane divided arterial that spans nearly the entire City from east to west, forms the southern boundary of the project site. South of West Leland Road is the Vista Del Mar single-family neighborhood, constructed within the last decade, which includes an approximately 11-acre site for development of a future school operated by the Mount Diablo Unified School District (MDUSD).



Source: Census 2000 Data, The CaSIL.

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5 2.5 0 5 Miles

Exhibit 1
Regional Location Map

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Source: ESRI Aerial Imagery.

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1,000 500 0 1,000
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Exhibit 2
Local Vicinity Map
Aerial Base

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1.3.3 - Land Use Designations and Zoning

In 2001, the City of Pittsburg adopted a comprehensive General Plan Update designating the project site and other portions of the Alves property for future development with a mix of open space, residential, and commercial uses. Specifically, the 2001 General Plan and its accompanying certified EIR anticipated development in Alves Ranch as follows (General Plan Policy 2-P-89):

- Up to 306 Hillside Low- and Low-Density units, and 794 Medium and High-Density residential units; and,
- Up to 20 acres of Business Commercial between West Leland Road and SR 4.

As such, the western half of the project site has a current General Plan Land Use designation of "Business Commercial," while the eastern half is designated, "High Density Residential."

The western third of the project site is zoned CO-P District (Office Commercial with a Master Plan Overlay, Ordinance No. 04-1230), and the remaining two-thirds of the project site is zoned RH-P District (High-Density Residential with a Master Plan Overlay, Ordinance No. 04-1230).

1.4 - Project History

The project site was originally part of a larger property purchased in 1917 by Virginia Alves for use as a cattle ranch and grazing land. The Alves property served many purposes over the years, including manufacturing, commercial, and ranching endeavors. The project site (along with other adjacent lands) has long been planned for urbanization and development with residential, commercial and open space uses, and therefore has been through several rounds of entitlements and environmental review dating back to the late 1980s. Each round is summarized below.

1.4.1 - Southwest Hills General Plan Amendment and Boundary Reorganization (1987–1990)

On August 3, 1987, the Pittsburg City Council certified an EIR for the Southwest Hills General Plan Amendment and Boundary Reorganization (Resolution No. 87-7209). The acreage included in the reorganization area encompassed approximately 2,570 acres (including the project site) located south of SR 4 and west of Bailey Road, just outside what was then the Pittsburg City Limits. On August 7, 1987, the City Council adopted Resolution Nos. 87-7204 and 87-7205, approving submittal of applications for the property-owner-initiated reorganization to the Local Agency Formation Commission, which involved inclusion into the City's sphere of influence and municipal boundary, as well as the boundaries of the Contra Costa Water District (CCWD) and Delta Diablo Sanitation District (Delta Diablo).

On September 6, 1988, the City Council adopted Resolution No. 88-7357 comprehensively updating the City's General Plan. With the exception of a shopping center located on the southwest quadrant of SR 4 and Bailey Road, all of the acreage within the Southwest Hills Boundary Reorganization Area was designated as residential or open space on the General Plan land use diagram.

On April 3, 1990, the City Council adopted Ordinance No. 90-990, adopting a Negative Declaration and authorizing execution of the Southwest Development Agreement (DA). The Southwest DA allowed for the construction of 2,938 residential units on 639 acres within the previously referenced Southwest Hills Boundary Reorganization Area west of the project site.

1.4.2 - Vista Del Mar Project (2004)

In 2004, William Lyon Homes, Inc., and Alves Ranch, LLC, submitted a plan to develop approximately 293-acres of the Alves property as a residential and commercial subdivision, known as the Vista Del Mar development. The 2004 Vista Del Mar project development program anticipated approximately 1,100 housing units, 257,500 square feet of commercial floor space, an 11.33-acre school/park site, 117.68 acres of permanent hillside open space, associated landscaped buffers, public and private roadways, a stormwater detention basin, a water tank site, and a water pump station site. The City prepared an EIR ("2004 EIR"; State Clearinghouse [SCH] No. 2004012097) to analyze the potential environmental impacts associated with the Vista Del Mar development.

As part of the overall development program analyzed as part of the Vista Del Mar project, the 2004 EIR contemplated high density residential and business commercial land uses, as well as a regional stormwater basin, on the approximately 57.81-acre project site. The 2004 EIR assumed that this northern portion of the Vista Del Mar development would include 563 housing units on 32.1 acres and 257,500 square feet of commercial building space on 14.78 acres, along with the aforementioned 7-acre stormwater basin site.

On October 18, 2004, the City Council adopted Resolution No. 04-10168, certifying the 2004 Final EIR for the Vista Del Mar development. On November 29, 2004, the City adopted Resolution No. 04-10191, approving CEQA findings and adopting a Statement of Overriding Considerations and a Mitigation, Monitoring and Reporting Program (MMRP), as well as Resolution No. 04-10192, amending the General Plan land use map and Policy 2-P-88 to change the distribution of residential densities within the Vista Del Mar development area. On December 6, 2004, the City Council adopted Ordinance No. 04-1230, authorizing execution of a development agreement for the Vista Del Mar project area, as well as rezoning the portion of the Vista Del Mar site south of West Leland Road to PD (Planned Development) District and the Alves property north of West Leland Road to a combination of CO-P and RH-P Districts.

1.4.3 - First Amendment to Development Agreement (2005)

On May 13, 2005, William Lyon Homes, Inc., Alves Ranch, LLC, and the City executed an amendment to the previously approved Development Agreement, related to the manner in which the Developer would be required to fully satisfy its parkland dedication or improvement obligations. While the Developer had initially requested that the City consider a joint use park within the project site, the arrangement was determined to be infeasible, and the City and Developer agreed that requiring the Developer to pay in lieu parkland dedication fees would provide greater overall park and recreational benefits to the City's residents. This First Amendment to the Development Agreement was processed as an Administrative Agreement Amendment pursuant to and in compliance with Section 702(a) of the Development Agreement, which authorized the use of Administrative Agreement Amendments where minor changes to the Agreement did not substantially affect specified items.

1.4.4 - Second Amendment to Development Agreement (2006)

On June 26, 2006, William Lyon Homes, Inc., Alves Ranch, LLC, and the City executed a second amendment to the previously approved Development Agreement, related to minor changes to Sections 3.10, 3.02(b), 3.02(d), 4.09, 5.06, and 6.11 of the Development Agreement, related to costs of the Southwest Hills Water Improvements, William Lyon Homes Inc.'s parkland dedication fee obligations, and the manner in which Developers would be required to fully satisfy their obligations with respect to the Vista Del Mar project's participation in certain lighting and landscaping districts established by the City. This Second Amendment to the Development Agreement was processed as an Administrative Agreement Amendment pursuant to and in compliance with Section 702(a) of the Development Agreement, which authorized the use of Administrative Agreement Amendments where minor changes to the Agreement did not substantially affect specified items.

1.4.5 - Alves Ranch Addendum No. 1 and 2009 Revised Project (2008-2009)

In August 2008, a revised development plan was proposed for the approximately 57.81-acre portion of the 2004 Vista Del Mar development located north of West Leland Road. These changes contemplated development of up to 478 total residential units, comprised of 308 multi-family units (including 93 affordable housing units), and 170 single-family detached units on 31.7 acres. The plan also contemplated 221,500 square feet of commercial floor space on approximately 14 acres. The 2008 development plan required the approval of: (1) a rezoning to establish a Master Plan Overlay District; (2) a vesting tentative subdivision map; and (3) design review. An Addendum to the previously certified 2004 EIR ("2008 Addendum") was prepared to analyze whether the proposed changes were adequately addressed in the 2004 EIR. The 2008 Addendum concluded that the revised development plan would contribute to eight of the nine significant unavoidable impacts identified in the 2004 EIR; however, none of the significant unavoidable impacts involved a new significant impact or a more severe significant impact than those previously identified and addressed in the statement of overriding considerations accompanying the 2004 EIR.

The City and the applicant continued to refine the revised development plan, making minor changes to the site plan and project design. On January 20, 2009, the City Council adopted Ordinance No. 08-1312, adopting an EIR Addendum and approving a master plan for the project site. The approved Master Plan ultimately anticipated the development of up to 560 housing units (more than originally anticipated in the 2008 revised plan, but a slight decrease from the 563 units analyzed in the 2004 FEIR), a 0.6-acre recreational facility, and 221,500 square feet of commercial floor area (a slight decrease from the originally approved 257,000 square feet analyzed in the 2004 EIR).

1.4.6 - Third Amendment to Development Agreement (2010)

On September 8, 2010, William Lyon Homes, Inc., Alves Ranch, LLC, and the City executed a third amendment to the previously approved Development Agreement, making minor changes related to the timing for Alves Ranch LLC to enter into the required affordable housing agreement. The Third Amendment to the Development Agreement did not alter the obligations of the Developer related to the location or number of affordable units required. This Third Amendment to the Development Agreement was processed as an Administrative Agreement Amendment pursuant to and in compliance with Section 702(a) of the Development Agreement, which authorized the use of

Administrative Agreement Amendments where minor changes to the Agreement did not substantially affect specified items.

1.4.7 - Vista Del Mar Addendum No. 2 and 2012 Vista Del Mar Project (2012)

In 2012, the City adopted a second addendum to the 2004 EIR that analyzed a request to amend the General Plan designations of approximately 20.4 acres of land within the Vista Del Mar development, south of West Leland Road from "Low Density Residential," and "Hillside Low Density Residential," to "Open Space," and also amended the adopted PD Plan (PD 04-1230) to reflect the changes of the two locations from "Single Family Residential" and "Estate Lots" to "Open Space." These land use changes, however, did not involve any portion of the project site.

These areas were subsequently included in the Geological Hazard Abatement District (GHAD) established to address and appropriately mitigate the identified geotechnical hazards within the Vista Del Mar development area. The City prepared a second addendum ("2012 Addendum") in accordance with CEQA for the foregoing revisions to the Vista Del Mar development.

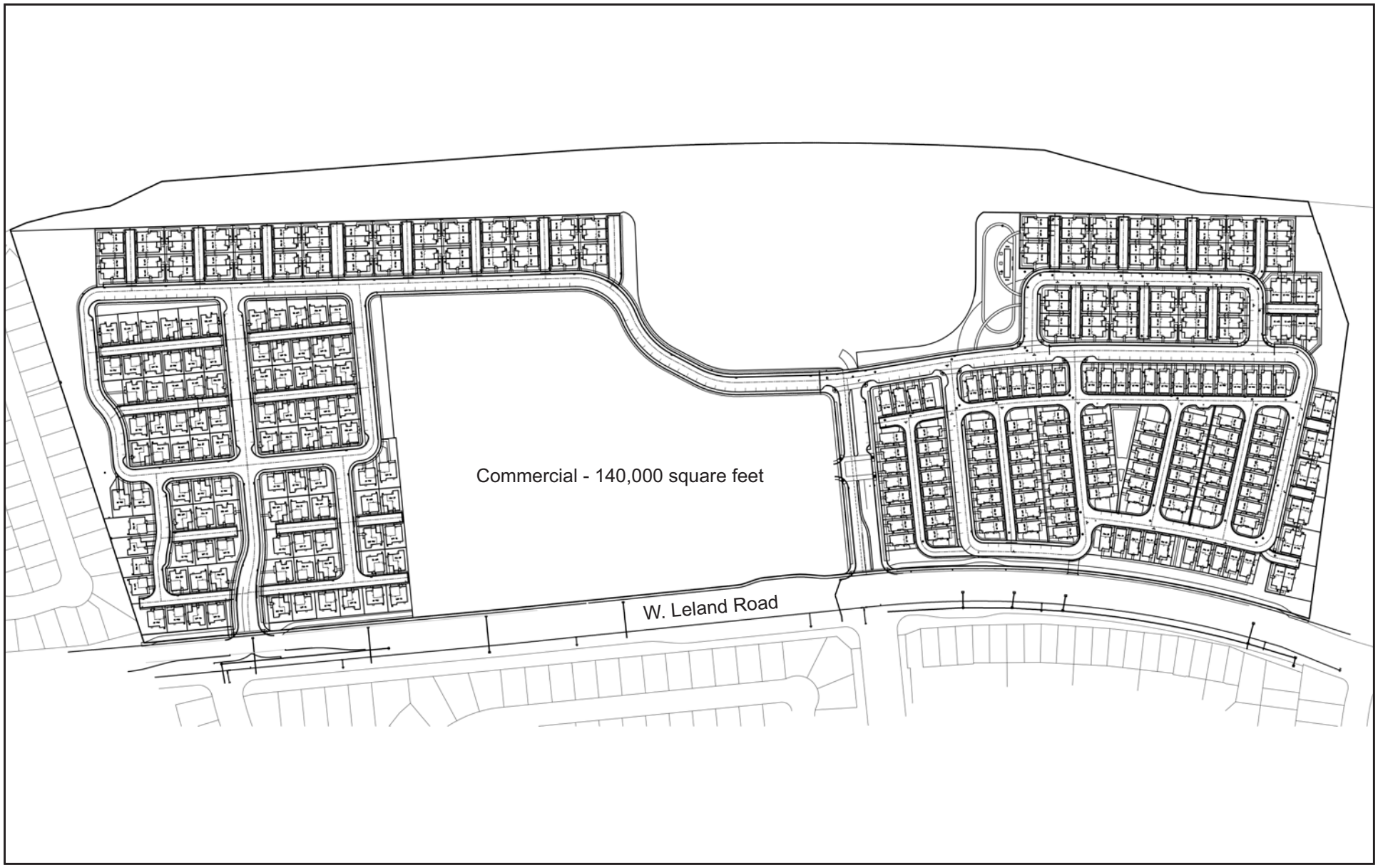
1.5 - Project Description

1.5.1 - Proposed Project

The 2018 Alves Ranch Project ("2018 Project") consists of the development of 346 single-family dwelling units and 10 accessory dwelling units on approximately 25.93 acres, and the rezoning and relocation of approximately 12 acres of the project site for neighborhood- and community-serving commercial uses to the center of the project site. Table 1 summarizes the 2018 Project's uses and characteristics. Exhibit 3 depicts the site plan.

Table 1: 2018 Alves Ranch Project Summary

Use	Acres (approx.)	Characteristics
Residential	25.93	346 single-family attached and detached units; 10 accessory dwelling units (356 total dwelling units)
Commercial	12.00	Assumed 140,000 square feet of future commercial development
Open Space and Trails	2.18	0.9-acre Class I bicycle and pedestrian facility; 1.28 acres of recreation and/or landscaped open space
Storm Drainage	7.00 (basin)	Existing stormwater basin; the existing outfall would be raised by 2 feet to yield a total storage capacity to 6.2 acre-feet
Undeveloped Areas	10.70	Comprised primarily of sloped areas not suitable for development
Source: William Lyon Homes, 2018.		



Source: WHA Architects, Planners, Designers.

FIRSTCARBON SOLUTIONS™

Exhibit 3
Site Plan

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Residential

Residential uses would consist of single-family detached and attached units, with an overall density of approximately 14 units per acre. Units would be broken down into three distinct neighborhoods:

- Neighborhoods A-1 and A-2 would be located along the northern and eastern sides of the development, and would consist of 136 "duet" units. Each duet would be designed to mimic one single-family detached home but would actually provide two separate units with a shared wall. Entrances to the individual units would be placed on differing facades accessed by pedestrian-only walkways between each unit, and each duet would include two, separate two-car garages accessible via a shared driveway;
- Neighborhood C would provide 110 alley-loaded detached units. Each unit in Neighborhood C would include a two-car garage accessible from an alley, street, or driveway, and a front door on the opposing façade, accessible via a pedestrian-only walkway. Each unit would also include an expanded side yard area for private open space;
- Neighborhood D would provide the largest homes, consisting of 100 traditional detached dwelling units with two-car garages. Ten of the proposed units in Neighborhood D would include income-restricted accessory dwelling units.

Overall, the 2018 Project includes 214 fewer housing units and a lower overall residential density compared to the 2009 approval. The location of residential uses would be adjusted, as compared to the location identified in the 2004 EIR and the 2009 approval, to improve circulation, site accessibility, and compatibility with neighboring residential uses.

Commercial

Similar to the 2009 project, the 2018 Project contemplates development of a commercial component in the form of approximately 12 acres of various retail, restaurant, and other neighborhood-serving commercial uses. The commercial uses would be relocated from the western side to the center of the project site, with roads, driveways, and other circulation details and locations modified to accommodate this revision.

Based on an analysis of existing shopping centers in the region, the anticipated type of development on the parcel, and off-street parking and loading space requirements for the City of Pittsburg, the developer has approximated that in a potential development scenario, a maximum total of 140,000 square feet of commercial floor area could be developed on the 12-acre parcel. Pursuant to a memorandum of agreement executed by the developer, property owner, and City, these uses would be required to include an approximately 40,000 square-foot grocery store, or otherwise pay a penalty to the City.

Open Space

The 2018 Project would include approximately 1.28 acres of recreation and/or landscaped open space.

Trails

The 2018 Project would include an approximately 0.9-acre Class I bicycle and pedestrian facility, consisting of a 12-foot wide paved path along the West Leland Road frontage.

Storm Drainage

The 2018 Project would install a storm drainage and conveyance system consisting of inlets and underground piping that would convey runoff to the existing regional stormwater basin located within the northern portion of the project site.

The City of Pittsburg is a "Permittee" under the California Regional Water Quality Control Board for the San Francisco Bay Region's National Pollutant Discharge Elimination System (NPDES) Municipal Regional Stormwater Permit (MRP; NPDES Permit No. CAS612008), implemented through the Contra Costa Clean Water Program (CCCWP). The California Regional Water Quality Control Board for the San Francisco Bay Region issued the first MRP in 2009; the MRP was reissued in November 2015. Provision C.3 in the 2015 MRP requires site designs for new developments and redevelopments to minimize the area of new roofs and paving and treat runoff, and in some cases, control the rates and durations of site runoff.

Pursuant to *MRP Order No. R2-2015-0049*, "Attachment A: Fact Sheet," issued November 19, 2015, Provision C.3.b ("Regulated Projects"), regulated projects with previously approved non-low impact development (LID) stormwater treatment measures that comply with the hydraulic sizing criteria of Provision C.3.d that have begun construction will continue to be "grandfathered," or only required to comply with the Provision C.3 requirements in place at the time the project was originally approved (MSR, Attachment A, page A-34). Further, this provision allows exemptions for some of these previously approved projects in situations where the Permittees lack legal authority to retroactively change their previous approval.

The 2004 Project included a C.3 plan that with non-LID stormwater treatment measures that was previously approved, in compliance with the MRP in effect at the time of project approval and the hydraulic sizing criteria of Provision C.3.d[1], and construction was initiated as part of the Vista Del Mar single-family residential subdivision to the south. Additionally, the City has previously entered into a Development Agreement with William Lyon Homes and Alves Ranch, LLC, which vested the developers' right to construct the "project," inclusive of modifications and necessary subsequent approvals.

In order to treat the additional post-development runoff, and in compliance with the hydraulic sizing design criteria that the stormwater treatment systems installed for regulated projects identified within *MRP Order No. R2-2015-0049,* "Attachment A: Fact Sheet," Provision C.3.d, the 2018 Project as well as the existing runoff from the Vista Del Mar project, the existing water quality storage volume of the basin is proposed to be increased from 5-acre-feet to 6.2 acre-feet.

[1] Provision C.3.d (Numeric Sizing Criteria for Stormwater Treatment Systems) lists the hydraulic sizing design criteria that the stormwater treatment systems installed for Regulated Projects must meet. The volume and flow hydraulic design criteria are the same as those required in the Previous Permit. These criteria ensure that stormwater treatment systems will be designed to treat the optimum amount of relatively smaller sized runoff generating storms each year. That is, the treatment systems will be sized to treat the majority of rainfall events generating polluted runoff but will not have to be sized to treat the few very large annual storms as well. For many projects, such large treatment systems become infeasible to incorporate into the projects.

Vehicular Circulation

Vehicular access to the residential portion would be taken from two points off West Leland Road, as shown in Exhibit 3. Alves Ranch Road would be extended north into the site between the commercial area and Neighborhood C in what is generally the center of the 2018 Project's frontage along West Leland Road, and would form the fourth leg of an existing signalized intersection. A full access unsignalized intersection is also proposed off West Leland Road, west of Alves Ranch Road adjacent to Neighborhood D. This unsignalized intersection would be off-set from Tomales Bay Drive, which would remain a right-in/right-out side-street stop-controlled intersection. A separate entrance to the commercial portion of the 2018 Project off West Leland Road would also be constructed later. An additional emergency vehicle access location would be provided on the eastern portion of the site south of Neighborhood C, approximately 750 feet east of Alves Ranch Road.

1.6 - Required Discretionary Approvals

Implementation of the 2018 Project would require the following discretionary approvals from the City of Pittsburg:

- Certification of the Supplemental Environmental Impact Report
- Adoption of an Amendment to the existing Development Agreement
- Adoption of General Plan Map Amendment
- Approval of a Zoning Map Amendment
- Approval of a Vesting Tentative Subdivision Map
- Design Review Approval of Architecture and Landscape Plans

Further discretionary approvals would be required for development of the commercially-zoned parcel. Ministerial actions by the City would also be required for the implementation of the 2018 Project, such as issuance of grading and building permits subsequent to the discretionary approvals noted above.

1.7 - Intended Uses of this Document

This Initial Study has been prepared to determine the appropriate scope and level of detail required in completing the environmental analysis for the 2018 Project. This document will also serve as a basis for soliciting comments and input from members of the public and public agencies regarding the 2018 Project. The Initial Study, to be published with the Notice of Preparation (NOP) will be circulated for a period of 30 days, during which comments concerning the analysis contained in the Initial Study should be sent to:

Jordan Davis, Senior Planner
65 Civic Avenue
Pittsburg, CA 94565
Phone: 925.252.4015
Email: jdavis@ci.pittsburg.ca.us

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SECTION 2: ENVIRONMENTAL CHECKLIST AND ENVIRONMENTAL EVALUATION

Environmental Factors Potentially Affected (as indicated in the 2004 EIR and this Initial Study)					
The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.					
☒	Aesthetics	☐	Agriculture and Forestry Resources	☒	Air Quality
☒	Biological Resources	☒	Cultural Resources	☒	Geology/Soils
☒	Greenhouse Gas Emissions	☒	Hazards/Hazardous Materials	☒	Hydrology/Water Quality
☒	Land Use/Planning	☐	Mineral Resources	☒	Noise
☒	Population/Housing	☒	Public Services	☒	Recreation
☒	Transportation/Traffic	☒	Tribal Cultural Resources	☒	Utilities/Services Systems
☒	Mandatory Findings of Significance				

Environmental Determination

On the basis of this initial evaluation:

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

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

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

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

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

Date: 12/18/2018 Signed:

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.1 Aesthetics *Would the project:*				
a) Have a substantial adverse effect on a scenic vista?	☐	☒	☐	☐
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic building within a state scenic highway?	☐	☒	☐	☐
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	☐	☒	☐	☐
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☒	☐	☐
e) Conflict with any applicable land use plan, policy, or regulation adopted by the City of Pittsburg for the purpose of avoiding or mitigating and adverse visual effect?	☐	☒	☐	☐

Environmental Evaluation

Would the 2018 Project:

a) Have a substantial adverse effect on a scenic vista?

Less than significant impact with applicable 2004 EIR Mitigation Incorporated. The foothills south of Pittsburg are visible from the project site, from West Leland Road, and intermittently from SR 4. SR 4 is located at a significantly lower grade than the project site, which thus obstructs views towards the southern foothills except for a single brief section adjacent to the existing regional stormwater basin.

The 2004 EIR identified potential impacts related to development of the area north of West Leland Road (project site), noting at the time that, "[t]he applicant has not yet developed site plans, building designs, or landscape plans for development areas north of West Leland Road and adjacent SR 4. Buildout of the high building mass (High Density Residential and Business Commercial designations) in this northern area, although generally consistent with the City of Pittsburg General Plan land use maps, could substantially change the character and quality of views of the project site from SR 4, which is designated as a "key corridor" in the City of Pittsburgh General Plan Urban Design chapter." (2004 Draft EIR, Page 5-23) The 2004 EIR went on to note that the project development area is not specifically addressed in the General Plan EIR, and its development could contribute noticeably to cumulative visual changes along this key corridor. As shown in Exhibit 5.1B

of the 2004 EIR, unless buildings within these project areas are, to the satisfaction of the Planning Commission, adequately set back from the edge of SR 4 to sufficiently avoid a sense of visual intrusion, with building heights and massing configured to maintain visual separations sufficient to preserve intermittent through views of the hills (from the highway), and with edge landscaping treatments that enhance the highway edge and preserve view corridors, this visual change would represent a significant visual impact.

In addition, the applicant is seeking amendments to the General Plan land use map designations applicable to the project site, which would result in replacing the High Density Residential and Business Commercial land use designations in favor of Medium Density Residential and the Community Commercial designations, as well as corresponding zoning map amendments to rezone the property form a combination of RH-P and CO-P to PD (Planned Development) and CC (Community Commercial), respectively. The change in residential land use designations, as well as the revised plan which proposes only single-family residential buildings, would reduce the maximum overall allowable building height in the residential portions of the project site adjacent to SR 4 from 45 to 30 feet.

No new significant impacts or any increase in severity to previously identified significant impacts would occur as a result of the 2018 Project. The 2004 EIR included Mitigation Measures 5-1 and 5-2 to address the above-referenced potentially significant impacts, and the residual portions of those mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of this section. With the continued incorporation of applicable mitigation from the 2004 EIR, impacts related to potential effects to scenic vistas would be less than significant. No further analysis is required.

b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic building within a state scenic highway?

Less than significant impact with applicable 2004 EIR Mitigation Incorporated. The 2004 EIR acknowledged that the segment of SR 4 adjacent to the project site is not a State-designated scenic highway, but identified this segment of SR 4 as a County-designated scenic highway. The 2004 EIR did not identify any trees, rock outcroppings, or historic buildings within the corridor, but identified a potential impact related to this criterion from development of high density residential and business commercial development in the northern project area. As noted above in Impact (a), above, the 2004 EIR included Mitigation Measures 5-1 and 5-2 to guide the location and design of future development to ensure that visual intrusion into views would be reduced to a less than significant level.

The 2018 Project has been designed in accordance with these mitigation measures. The residual portions of the mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of this section. With the continued incorporation of applicable mitigation from the 2004 EIR, impacts related to potential effects to scenic resources within a scenic highway would be less than significant. No further analysis is required.

c) Substantially degrade the existing visual character or quality of the site and its surroundings?

Less than significant impact with applicable 2004 EIR Mitigation Incorporated. The proposed uses would be similar in nature to the residential uses to the west and south and the commercial uses to the east. Landscaping would be provided along its frontage with West Leland Road to soften the visual appearance. Overall, the 2018 Project represents planned growth within an urbanized portion of the City of Pittsburg and would be visually compatible with its surroundings. As noted above in Impact (a), above, the 2004 EIR included Mitigation Measures 5-1 and 5-2 to guide the location and design of future development to ensure that visual intrusion into views would be reduced to a less than significant level.

The 2004 EIR noted that the proposed conversion of the area north of West Leland Road to intensive High Density Residential and Business Commercial development could be perceived as a substantial degradation of the visual character and quality of this area as viewed from community vantage points to the north (SR 4), and east (Oak Hills). The 2004 EIR included mitigation to address these potentially significant impacts, and the residual portions of those mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of this section.

No new significant impacts or any increase in severity to previously identified significant impacts would occur as a result of the 2018 Project. With the continued incorporation of applicable mitigation from the 2004 EIR, and the inclusion of the above-referenced project design features, impacts related to potential effects to visual character and quality would be less than significant. No further analysis is required.

d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

Less than significant impact with applicable 2004 EIR Mitigation Incorporated. The 2004 EIR identified a potential for new sources of light and glare associated with project street lighting and exterior building lighting. As discussed on page 5-21 and 5-22 of the 2004 EIR, the visual impact of the project could be substantially reduced by incorporating the measures listed under Mitigation Measure 5-1, including specific types of design standards and controls to the satisfaction of the Pittsburg Planning Commission. These measures related to light and glare include low-intensity fixtures, compliance with exterior lighting regulations, the use of low bollards for pathway lighting, and the use of light refractors or diffusers where appropriate.

The 2018 Project is designed to be in compliance with these design standards and controls. Application of existing Pittsburg Municipal Code requirements to the 2018 Project would further ensure that this impact is less than significant. For example, Title 18 (Zoning), section 18.82.030 of the Pittsburg Municipal Code would require that lighting and glass installation minimize the effects of lighting and glare, such as having street lights and parking lot lights employ full cut-off fixtures or be directed downward to prevent spillage, and that pedestrian-level lights be low profile and directed to illuminate walkways. With the incorporation of these standard measures, impacts would be less than significant. No further analysis is required.

e) Conflict with any applicable land use plan, policy, or regulation adopted by the City of Pittsburg for the purpose of avoiding or mitigating and adverse visual effect?

Less than significant impact with applicable 2004 EIR Mitigation Incorporated. The 2004 EIR discussed a series of General Plan policies that are designed to address potential impacts related to development south of SR 4, including, "clusters within…Alves Ranch…," that may block views of the hills and alter the visual character of hillsides. The 2004 EIR identified policies and measures deigned to mitigate these potential effects; the applicable measures are incorporated into Mitigation Measure 5-1, and include clustering, preservation of natural creeks and drainages, and requiring project design to observe existing landforms, etc. As previously noted, above, the applicant is seeking amendments to the General Plan land use map and zoning map, and has proposed only single-family residential buildings, would reduce the maximum overall allowable building height in the residential portions of the project site adjacent to SR 4 from 45 to 30 feet.

The 2018 Project has been designed in accordance with these mitigation measures. The residual portions of the mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of this section. With the continued incorporation of applicable mitigation from the 2004 EIR, impacts related to potential effects to compliance with applicable land use plan, policy, or regulation adopted by the City of Pittsburg for the purpose of avoiding or mitigating and adverse visual effect would be less than significant. No further analysis is required.

Applicable Mitigation Measures from the 2004 Vista Del Mar EIR

Mitigation 5-1. To minimize the degree of project-specific adverse impact on the visual character and quality of the project site, the project shall include an overall layout and grading plan, and associated set of design standards and controls for grading, creekway and landform protection, individual site and architectural design (including individual custom lot architectural design), common and private landscaping, public and private roadways, and light and glare (including outdoor lighting), which to the satisfaction of the Pittsburg Planning Commission, as determined through the City's design review process, will sufficiently minimize the degree of adverse impact on the general visual character of the project site. Based upon related land use and urban design goals and policies set forth in the City of Pittsburg General Plan and General Plan EIR, these project design refinements should include some combination of the following:

- **Incorporate natural creeks and open space amenities into the design of project residential neighborhoods (in keeping with GP goals and policies 2-P-26, 2-P-89, 4-G-4, 4-P-9).**
- Maintain the general character of onsite hill forms (in keeping with GP goals 2-G-31 and 2-P-89).
- **Plant trees and other vegetation along West Leland Road and other project collector and arterial roadways in order to maintain the sense of "rural" open space at the City's southern boundary (in keeping with GP policy 4-P-6).**
- Consider use of single-loaded peripheral residential streets at the southern and western edges of the project residential areas south of West Leland Road in order

to encourage residential development at these outer edges to face outwards toward the rural landscape and prevent a solid wall of residential backyard fences (in keeping with GP policy 4-P-7).

- Map all onsite natural features as part of future project development applications, including landforms, rock outcroppings, creekways and ridgelines, and during development and design review, ensure that site layouts are sensitive to these mapped features (in keeping with GP policy 4-P-9).
- Emphasize a sense of rural character in the design and construction of project hillside homes, including extensive landscaping, sloping rooflines, and use of natural materials (in keeping with GP goal 4-G-5).
- Preserve onsite natural creeks and drainage courses as close as possible to their natural locations (in keeping with GP policy 4-P-14).
- Encourage flexible (varying) residential setbacks in hillside residential areas (in keeping with GP policy 4-P-18 and GP Figure 4-5).
- Encourage architectural designs in hillside residential areas that reflect the undulating forms of the hillside setting, such as "breaking" buildings and rooflines into several smaller components (in keeping with GP policy 4-P-23 and GP Figure 4-6). Building forms in such areas should be "stepped" to conform to site topography.
- Encourage residential rooflines that are oriented in the same direction as the natural hillside slope (in keeping with GP policy 4-P-25).
- Use building colors and textures reflective of the surrounding hillside landscape, with roof colors tending toward darker earth tones so that they are less visible from adjacent and upslope onsite and offsite vantage points (in keeping with GP policy 4-P-26).
- **Use irregular planting on graded slopes to achieve a natural appearance (in keeping with GP policy 4-P-27).**
- To the extent possible, align project residential streets along natural grades (in keeping with GP policy 4-P-28).
- Encourage construction of split roadways in steeper hillsides where appropriate (in keeping with GP policy 4-P-29).
- Provide on street parking along hillside road in parking bays where topography allows (GP policy 4-P-31).
- **Incorporate a selected combination of the above design refinements into the final design and title provisions for the project that, to the satisfaction of the Planning Commission as determined through the City's normal design review and approval process, will sufficiently reduce the adverse visual impacts of the project.**

Mitigation 5-2. In addition to those listed under Mitigation 5-1, at later phases of the project (when detailed, design level applications are submitted for areas north of West Leland Road), incorporate the following design refinements into the project to the satisfaction of the Planning Commission:

- **Ensure that proposed residential development in the project-designated High Density Residential area is oriented with the lowest building heights adjacent to Highway 4, and set back from the edge of Highway 4 sufficiently to mitigate visual impacts (in keeping with GP goal 2-P-87).**
- **As part of the subsequent development review process, limit building heights and massing in the designated Business Commercial area and/or maintain visual separations within the area, sufficient to preserve through views of the hills from Highway 4 and the Bay Point community north of Highway 4 (in keeping with GP policy 4-P-3).**
- **Emphasize beautification of the Highway 4 corridor in project landscape plans through a sensitive combination of highway edge landscaping and significant view corridor preservation (in keeping with GP Goal 4-G-12).**
- Ensure that all onsite multifamily residential development proposed along Highway 4 provides adequate landscaping along related new sound barriers (berms or walls—see Mitigation 14-1 in chapter 14, Noise) (in keeping with GP policy 4-P-64).
- **Ensure that adequate landscaping is placed along the outer edge (northern side) of the SR 4 sound wall (2008 Addendum).**

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.2 Agriculture and Forestry Resources *In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:*				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒

Environmental Evaluation

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the State's inventory of forest

land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board.

Would the 2018 Project:

a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

No impact. The initial study prepared for the 2004 EIR found that the project site is classified as "grazing land" by the California Department of Conservation Farmland Mapping and Monitoring Program. Therefore, the initial study found that the project would have no impact to Prime Farmland, Farmland of Statewide Importance, or Unique Farmland to non-agricultural use. This topic was not evaluated further in the 2004 EIR. Pursuant to the current mapping of the Department of Conservation, the property is still classified as grazing land, and no further discussion is required[2].

b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?

No impact. The initial study prepared for the 2004 EIR found that the project site is zoned for residential and open space uses, and that no Williamson Act contracts exist on the project site. The initial study concluded that no conflict with existing zoning or Williamson Act contract would occur. This topic was not evaluated further in the 2004 EIR.

A 2018 review indicated that there are currently no Williamson Act contracts on the project site[3]. The project site is currently zoned CO-P (Office Commercial with a Master Plan Overlay) and RH-P (High Density Residential with a Master Plan Overlay), which are not considered agricultural zoning designations. The proposed new zoning designations of PD (Planned Development) and CC (Community Commercial), are also not considered agricultural zoning designations. The 2018 Project would not therefore conflict with a Williamson Act contract or agricultural zoning. No impact would occur, and no further analysis is required

c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?

No impact. This topic was not included in the initial study prepared for the 2004 EIR. The project site is zoned CO-P (Office Commercial with a Master Plan Overlay) and RH-P (High Density Residential With a Master Plan Overlay), which are not considered forest zoning designations. The proposed new zoning designations of PD (Planned Development) and CC (Community Commercial) are also not considered forest zoning designations. The 2018 Project would therefore not conflict with any forest land zoning nor cause the rezoning of any forest land. No impact would occur, and no further analysis is required.

[2] Department of Conservation Farmland Mapping Website: ftp://ftp.consrv.ca.gov/pub/dlrp/FMMP/pdf/2016/con16.pdf
[3] Department of Conservation Farmland Mapping Website: ftp://ftp.consrv.ca.gov/pub/dlrp/wa/Contra_Costa_12_13_WA.pdf

d) Result in the loss of forest land or conversion of forest land to non-forest use?

No impact. This topic was not included in the initial study prepared for the 2004 EIR. The project site does not contain any trees and, thus, does not support forest land. The 2018 Project would not therefore result in the loss of forest land or conversion of forest land to non-forest use. No impact would occur, and no further analysis is required.

e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

No impact. The initial study prepared for the 2004 EIR concluded that, pursuant to the discussion under Impact (a) above, the project would not directly or indirectly result in conversion of Farmland to non-agricultural use. This topic was not evaluated further in the 2004 EIR. In regards to forest land, as discussed under Impact (c) and Impact (d) above, the project site does not contain forest land, and would not therefore result in the conversion of forest land to non-forest use. No impact would occur, and no further analysis is required.

Mitigation Measures

None.

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.3 Air Quality *Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations.* *Would the project:*				
a) Conflict with or obstruct implementation of the applicable air quality plan?	☒	☐	☐	☐
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	☒	☐	☐	☐
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions, which exceed quantitative thresholds for ozone precursors)?	☒	☐	☐	☐
d) Expose sensitive receptors to substantial pollutant concentrations?	☒	☐	☐	☐
e) Create objectionable odors affecting a substantial number of people?	☐	☐	☒	☐

Environmental Evaluation

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

Would the 2018 Project:

a) Conflict with or obstruct implementation of the applicable air quality plan?

Potentially significant impact. The initial study prepared for the 2004 EIR concluded that the project included no components that would obstruct implementation of the Clean Air Plan. The initial study indicated No Impact for this topic, and it was not studied further in the 2004 EIR.

The 2018 Project's construction and operational activities would emit criteria pollutants such as ozone precursors, carbon monoxide, and particulate matter. The Bay Area Air Quality Management District (BAAQMD) 2017 Clean Air Plan sets forth regional strategies to reduce criteria pollutant emissions. Depending on the amount of project emissions, the 2018 Project may exceed applicable BAAQMD daily and annual mass thresholds and, thus, could potentially conflict with the Clean Air Plan.

Although the 2018 Project includes fewer housing units and a lower overall residential density, as well as less commercial area, compared to what was studied in the 2004 EIR, the estimated emissions associated with the 2018 Project will be modeled and compared to current thresholds to confirm whether the 2018 Project as currently proposed would result in any new or more severe impacts than were identified in the 2004 EIR. Therefore, this topic will be studied in the Supplemental EIR, and the applicable mitigation measures listed below will be reviewed and refined, as needed, to reflect current standards and requirements.

b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?

Potentially significant impact. The 2004 EIR determined that long-term operational emissions from the Vista Del Mar development could violate an ambient air quality standard or contribute substantially to an existing violation (Impact 15-2). Using the current model at the time of the analysis (URBEMIS 2002), the 2004 EIR found that the Vista Del Mar development would generate 119 pounds per day of reactive organic gases (ROG), 121 pounds per day of nitrogen oxides (NO_X), and 113 pounds per day of PM_{10}. Those emissions exceeded the recommended threshold of 80 pounds per day. This would result in potentially significant impacts. The 2004 EIR Mitigation Measure 15-2 requires the proposed on-site commercial components to implement strategies to reduce traditional vehicle usage. However, even with implementation of 2004 EIR Mitigation Measure 15-2, the 2004 EIR concluded that impacts would still be significant and unavoidable.

The 2018 Project's construction and operational activities would emit criteria pollutants such as ozone precursors, carbon monoxide, and particulate matter. Depending on the amount of project emissions, the 2018 Project may exceed BAAQMD daily and annual mass thresholds and, thus, violate one or more air quality standards. Although the 2018 Project includes fewer housing units and a lower overall residential density compared to what was studied in the 2004 EIR, as well as a reduction in the amount of commercial areas, the estimated emissions associated with the 2018 Project will be modeled and compared to current thresholds to confirm whether the 2018 Project as currently proposed would result in any new or more severe impacts than were identified in the 2004 EIR. Therefore, this topic will be studied in the Supplemental EIR, and the applicable mitigation measure listed below will be reviewed and refined, as needed, to reflect current standards and requirements.

c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions, which exceed quantitative thresholds for ozone precursors)?

Potentially significant impact. The 2004 EIR identified potentially significant impacts related to cumulative impacts on regional air emissions, as a result of the additional traffic generated by the project and associated emissions that could exceed BAAQMD thresholds. The 2004 EIR included Mitigation Measure 15-2 to require the applicant to implement strategies to reduce conventional vehicle usage and encourage alternate forms of transportation (BART, bicycle, etc.) The 2004 EIR found that the implementation of this measure would not be sufficient to reduce potential impacts to a less than significant level, and identified a significant and unavoidable cumulative impact.

The 2018 Project's construction and operational activities would emit criteria pollutants such as ozone precursors, carbon monoxide, and particulate matter. Depending on the amount of project emissions, the 2018 Project may exceed BAAQMD daily and annual mass thresholds and, thus, cumulatively contribute criteria pollutants to the air basin. This is a potentially significant impact and will be further studied in the Supplemental EIR, and the applicable mitigation measures listed below will be reviewed and refined, as needed, to reflect current standards and requirements.

d) Expose sensitive receptors to substantial pollutant concentrations?

Potentially significant impact. The BAAQMD *CEQA Guidelines* consider particulate matter to be the pollutant of greatest concern with respect to construction activities. BAAQMD does not have quantitative emission thresholds for fugitive dust, but recommends that all projects, regardless of the level of average daily emissions, implement applicable best management practices (BMPs), including those listed in the BAAQMD *CEQA Guidelines*.

The 2004 EIR discussed construction activities, such as excavation and grading operations, that would generate exhaust emissions and fugitive particulate matter emissions that could result in elevated levels of particulate matter, creating a possible nuisance at residential, school, and other nearby properties. This represents a potentially significant Impact. The City concluded that implementation of the BMPs included in 2004 EIR Mitigation Measure 15-1 would reduce this impact to less-than-significant level.

Although the 2018 Project includes fewer housing units and a lower overall residential density compared to what was studied in the 2004 EIR, the estimated emissions associated with the 2018 Project will be modeled and compared to current thresholds to confirm whether the 2018 Project as currently proposed would result in any new or more severe impacts than were identified in the 2004 EIR. Therefore, this topic will be studied in the Supplemental EIR, and the applicable mitigation measures listed below will be reviewed and refined, as needed, to reflect current standards and requirements.

e) Create objectionable odors affecting a substantial number of people?

Less than significant impact. The initial study prepared for the 2004 EIR concluded that project-related new land uses would not be expected to produce significant increases in odor intrusion into surrounding odor-sensitive residential, school, and commercial areas. The initial study concluded that impacts would be less than significant and the issue was not studied further in the 2004 EIR.

Consistent with the conclusions of the initial study prepared for the 2004 EIR, the 2018 Project's residential and commercial uses would not include any widely recognized sources of objectionable odors (e.g., wastewater treatment, feedlots, cheese production, etc.). As such, the 2018 Project would not create objectionable odors. Impacts would be less than significant, and no further analysis is required.

Applicable Mitigation Measures from the 2004 Vista Del Mar EIR

For purposes of the 2018 Project, the following mitigation measures from the 2004 EIR will be re-evaluated as part of the air quality study being prepared in connection with the Supplemental EIR:

Mitigation 15-1. Implement the following dust control measures during project construction activities:

(a) Water all active construction areas at least twice daily and more often during windy periods. Active areas adjacent to existing land uses must be kept damp at all times, or must be treated with non-toxic stabilizers or dust palliatives;
(b) Cover all trucks hauling soil, sand, and other loose materials, or require all trucks to maintain at least two feet of freeboard;
(c) Pave, apply water three times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas, and staging areas at construction sites;
(d) Sweep daily (preferably with water sweepers) all paved access roads, parking areas, and staging areas at construction sites;
(e) Sweep streets daily (preferably with water sweepers) if visible soil material is carried onto adjacent public streets;
(f) Hydroseed or apply non-toxic soil stabilizers to inactive construction areas;
(g) Enclose, cover, water twice daily, or apply non-toxic soil binders to exposed stockpiles (dirt, sand, etc.);
(h) Limit traffic speeds on unpaved roads to 15 miles per hour;
(i) Install sandbags or other erosion control measures to prevent silt runoff from grading onto adjacent roadways, paths, and other paved areas, and in particular, into nearby drainage channels;
(j) Replant vegetation in disturbed areas as quickly as possible;
(k) Install windbreaks, or plant trees/vegetative wind breaks, at windward side(s) of construction areas;
(l) Limit excavation and grading activity when winds (instantaneous gusts) result in unmanageable dust; and
(m) Limit the area subject to excavation, grading, and other construction activity at any one time.

Mitigation 15-2. Require onsite business commercial (office and retail) components of the project to implement strategies identified in this EIR to reduce conventional vehicle usage by encouraging pedestrian, bicycle, and transit modes of travel (see below). Require project residential components to provide for strategies identified in the 2004 FEIR to reduce air emissions and encourage telecommuting.

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.4 Biological Resources *Would the project:*				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☒	☐	☐	☐
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☒	☐	☐	☐
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☒	☐	☐	☐
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of wildlife nursery sites?	☒	☐	☐	☐
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

Environmental Evaluation

Would the 2018 Project:

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

Potentially significant impact. The 2004 EIR identified a number of potential impacts to plant and animal species, and included Mitigation Measures 11-3 through 11-11 which, when implemented, would require surveys, permitting, and implementation of protective measures to the satisfaction of state and federal regulatory agencies, which would reduce potential impacts to sensitive species to a less than significant level.

The project site has already been graded consistent with the previously approved VTM, and is periodically disked. However, because additional grading would be necessary to construct the 2018 Project and consistent with the conclusions in the 2004 EIR, development of the 2018 Project would result in ground disturbance that may adversely affect special-status plant and wildlife species. Although the 2018 Project includes fewer housing units and a lower overall residential density, as well as less commercial area, compared to what was studied in the 2004 EIR, the potential impacts of the ground disturbance associated with the 2018 Project will be evaluated and compared to current site conditions to confirm whether the 2018 Project as currently proposed would result in any new or more severe impacts than were identified in the 2004 EIR. Therefore, this topic will be studied in the Supplemental EIR, and the applicable mitigation measures listed below will be reviewed and refined, as needed, to reflect current standards and requirements.

b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

Potentially significant impact. The 2004 EIR identified potential impacts to riparian habitats such as creeks and drainages that exist south of West Leland Road. The 2004 EIR included Mitigation Measure 11-1, which required modification of the project design south of West Leland Road to preserve existing creeks and incorporate appropriate setbacks from existing drainages. The 2004 EIR concluded that when implemented, this measure would ensure that potential impacts related to riparian resources would be less than significant.

The 2018 project site is located north of West Leland Road and does not contain any riparian habitat. However, the potential impacts of the ground disturbance associated with the 2018 Project will be evaluated and compared to current site conditions to confirm whether the 2018 Project as currently proposed would result in any new or more severe impacts than were identified in the 2004 EIR. Therefore, this topic will be studied in the Supplemental EIR, and the applicable mitigation measures listed below will be reviewed and refined, as needed, to reflect current standards and requirements.

c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

Potentially significant impact. The 2004 EIR identified potential impacts to wetlands and included Mitigation Measure 11-2, which required modification of the project design south of West Leland Road to preserve existing creeks and incorporate appropriate setbacks from existing drainages. The 2004 EIR concluded that when implemented, this measure would ensure that potential impacts related to wetland resources would be less than significant.

The project site has already been graded consistent with the previously approved VTM, and is periodically disked. However, because additional grading would be necessary to construct the 2018 Project and could result in ground disturbance that may adversely affect federally protected wetlands (if and to the extent any such jurisdictional features exist on-site). The potential impacts of the ground disturbance associated with the 2018 Project will be evaluated and compared to current site conditions to confirm whether the 2018 Project as currently proposed would result in any new or more severe impacts than were identified in the 2004 EIR. Therefore, this topic will be studied in the Supplemental EIR, and the applicable mitigation measures listed below will be reviewed and refined, as needed, to reflect current standards and requirements.

d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of wildlife nursery sites?

Potentially significant impact. The 2004 EIR identified potential impacts to wildlife movement associated with potential impacts to creeks and drainage course. The 2004 EIR included Mitigation Measure 11-1 which required modification of the project design south of West Leland Road to preserve existing creeks and incorporate appropriate setbacks from existing drainages. The 2004 EIR concluded that when implemented, this measure would ensure that potential impacts related to wildlife movement would be less than significant.

The potential impacts of the ground disturbance associated with the 2018 Project will be evaluated and compared to current site conditions to confirm whether the 2018 Project as currently proposed would result in any new or more severe impacts than were identified in the 2004 EIR. Therefore, this topic will be studied in the Supplemental EIR, and the applicable mitigation measures listed below will be reviewed and refined, as needed, to reflect current standards and requirements.

e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

No impact. The 2004 EIR evaluated consistency with General Plan policies and determined that the 2004 project could result in a potentially significant impact. The 2004 EIR included Mitigation Measure 11-1, which required modification of the project design south of West Leland Road to preserve existing creeks and associated riparian vegetation through observance of sufficient setbacks. The 2004 EIR concluded that when implemented, this measure would ensure that

potential impacts related to consistency with General Plan policies protecting biological resources, such as a tree preservation policy or ordinance would be less than significant.

The 2018 Project site does not contain any trees; therefore, the project would not result in impacts related to tree preservation policies or ordinances. As such, no conflict with the City's tree ordinance would occur, and no further analysis is required.

f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

No Impact. The initial study prepared for the 2004 EIR determined that the project site is not subject to any adopted Habitat Conservation Plan (HCP), but that an HCP was being crafted at that time (i.e., the East Contra Costa County Habitat Conservation Plan [ECCHCP]). The ECCHCP was adopted in October 2007, and is administered by the East Contra Costa County Habitat Conservancy ("Conservancy"), a joint powers authority established by the jurisdictions that participate in the HCP. Each of these jurisdictions (including the City) is a "Permittee" under the HCP and applicable state and federal environmental protection laws, and as such, each Permittee (including the City) is authorized to provide "take" coverage for development projects within its land use jurisdiction under the terms of the HCP. In order to be so permitted, each jurisdiction (including the City) has passed an implementing ordinance approved by the Conservancy, which governs the application of the HCP to development projects within that jurisdiction's authority.

Pursuant to the City's HCP Implementation Ordinance (Chapter 15.108 of the City's Municipal Code), the 2018 Project is exempt from payment of HCP fees since the project sponsor has vested rights under the existing Development Agreement between the project applicant and the City. Thus, no conflicts with the plan would occur, and no further analysis is required.

Applicable Mitigation Measures from the 2004 Vista Del Mar EIR

Mitigation 11-1. The ultimate determination whether the proposed project, after implementation of the mitigations identified in this EIR, is or is not inconsistent with one or more General Plan goals or policies, would be the responsibility of City officials assigned such authority. In particular, interpretation of project consistency with City of Pittsburg General Plan policy is the ultimate responsibility of the City of Pittsburg Planning Commission and City Council.

In order to comply with City of Pittsburg General Plan policies 9 P 1 and 9 P 8, the project shall incorporate the following changes and mitigations into the project:

(1) Implement Mitigations 11 3 through 11 12 which are discussed on the following pages (see Policy 9 P 1); and
(2) Reseed cut and fill slopes or other graded/disturbed areas on the project site with a native herbaceous seed mix. No non-native or invasive species shall be included in the mix (see Policy 9 P 8).

(3) The current preliminary version of the applicant's Mitigation and Monitoring Plan formulated for review by the resources agencies proposes preservation of approximately 3,300 linear feet of onsite drainages and onsite enhancement of approximately 1,000 linear feet of drainages.

The City of Pittsburg shall make the above items conditions of project approval and shall not approve grading plans until the above mitigations have been incorporated into the project to City satisfaction.

During the local development review process, the City shall determine whether the applicant-proposed onsite drainage preservation program achieves project consistency with General Plan goals and policies related to creeks, or whether additional design measures are warranted.

Mitigation 11-3. The City of Pittsburg shall not issue a grading permit for the project until adequate demonstration to the City that California red-legged frog (*Rana draytonii*) issues have been resolved to the satisfaction of the USFWS. To satisfy the USFWS, the applicant will need to: (1) instruct the U.S. Army Corps of Engineers (Corps) to initiate formal consultation, pursuant to section 7 of the Federal Endangered Species Act, with the USFWS regarding the California red-legged frog; and (2) implement mitigation as necessary (see details below). A copy of a "non-jeopardy" Biological Opinion issued by the USFWS shall be submitted to the City prior to issuance of a grading permit.

Mitigation 11-4. The City of Pittsburg shall not issue a grading permit for the project until adequate demonstration to the City that mitigation for impacts to California tiger salamander (*Ambystoma californiense*) habitat will be implemented to the satisfaction of the CDFG (and the USFWS since the species has recently been federally listed). To satisfy the CDFG and USFWS, the applicant will need to: (1) consult with the CDFG and the USFWS; and (2) redesign the project as much as possible to avoid aestivation and potential breeding habitat; or (3) where avoidance is not feasible, replace affected habitat in accordance with CDFG and USFWS requirements, and in accordance with specifications discussed in Mitigation 11 1; and (4) salvage adults and/or larvae.

Mitigation 11-6. The applicant shall coordinate with the USFWS regarding any additional review of potential San Joaquin kit fox impacts resulting from the proposed project. Additionally, within 30 days prior to any earth-moving disturbance, a qualified kit fox (*Vulpes macrotis*) biologist(s) [i.e., the biologist(s) must meet the qualifications stated in USFWS survey protocol (USFWS 1997b)] shall conduct preconstruction den surveys on the project site. These surveys shall follow the methodology outlined in Appendix 1, section 2, of USFWS 1997 survey protocol. Any potential dens identified during the preconstruction surveys shall be monitored with cameras for a minimum of three nights in accordance with the survey protocol. If kit fox or kit fox sign is identified at any time during these

surveys, all work shall cease and USFWS and CDFG personnel shall be contacted immediately.

Mitigation 11-7. Completion of CDFG-protocol surveys for burrowing owl (*Athene cunicularia*) shall be a condition of project approval. The applicant shall retain a qualified biologist to conduct CDFG-protocol surveys for burrowing owl the year grading is proposed. If burrowing owls are found on the project site, the applicant shall be required to prepare a Habitat Mitigation Plan and a Mitigation Agreement for any burrowing owls identified. The City shall receive copies of the approved Mitigation Plan and Mitigation Agreement between the applicant and the CDFG prior to issuing a grading permit for the proposed project. All surveys and mitigation shall be coordinated by the applicant with CDFG. If such surveys demonstrate that burrowing owls do not occur on the project site, no further requirements for burrowing owls shall be required by the City.

Mitigation 11-8. Completion of nesting surveys for these raptors and establishment of CDFG-approved mitigation for any survey-identified active nests shall be a condition of project approval. The applicant shall retain a qualified raptor biologist to conduct spring nesting surveys the year grading is proposed. If nest(s) are found, the CDFG can be expected to require the following or similar protection measures:

(1) Establishment of a fenced buffer of 1,000 feet around any survey-identified active raptor nest, or as otherwise determined by a qualified, CDFG-approved raptor biologist (see text below);
(2) Having a biological monitor present during all grading activity near the buffer zone; and
(3) Avoiding grading within the buffer zone until the raptor biologist states that the young have fledged and are flying well enough to avoid being impacted by project construction.

If such surveys demonstrate that raptor nests do not occur on the project site, no further requirements for these raptors shall be required by the City.

Mitigation 11-9. Completion of loggerhead shrike (*Lanius ludovicianus*) nesting surveys and establishment of CDFG-approved mitigation for any survey-identified active nests shall be a condition of project approval. The applicant shall retain a qualified biologist to conduct spring nesting surveys for loggerhead shrike, coordinated with the CDFG, the year grading is proposed. If nest(s) are found, the applicant shall complete the following measures:

(1) Establish a 250 foot fenced buffer zone around each active nest location or as otherwise determined by the CDFG; and
(2) Have a biological monitor present during all grading activity near the buffer zone.

If appropriately timed nesting surveys demonstrate that loggerhead shrikes do not nest on the project site, no further requirements for this bird shall be required by the City.

Mitigation 11-10. Completion of California horned lark (*Eremophila alpestris*) nesting surveys and establishment of CDFG-approved mitigation for any identified active nests shall be a condition of project approval. The applicant shall retain a qualified biologist to conduct spring nesting surveys for California horned lark, coordinated with the CDFG, the year grading is proposed. If nest(s) are found, the CDFG can be expected to require the applicant to complete the following or similar measures:

(1) Establish a 250-foot-wide fenced buffer zone around each survey-identified active nest location; and
(2) Have a biological monitor present during all grading activity near the buffer zone.

If such surveys demonstrate that California horned larks do not nest on the project site, no further requirements for this bird shall be required by the City.

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.5 Cultural and Tribal Cultural Resources *Would the project:*				
a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	☐	☒	☐	☐
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☐	☒	☐	☐
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☒	☐	☐
d) Disturb any human remains, including those interred outside of formal cemeteries?	☐	☒	☐	☐
Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
e) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k), or	☐	☐	☒	☐
f) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☐	☒	☐

Environmental Evaluation

Cultural Resources

Would the 2018 Project:

a) Cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5?

Less than significant with applicable 2004 EIR mitigation incorporated. The 2004 EIR evaluated this issue and found that several on-site structures associated with previous ranch activity were more than 45 years old and would qualify as historic structures. All potentially historic structures were located south of West Leland Road. The 2004 EIR required implementation of Mitigation Measure 12-2, which would ensure a historical resources survey would be conducted for all on-site structures meeting the requirements of Section 5024.1(g) of the State Public Resources Code and, to the extent any historic resources are on-site, the survey would identify appropriate measures to mitigate any significant impacts. The City concluded that, with incorporation of Mitigation Measure 12-2, impacts would be reduced to less than significant. This mitigation measure has been fully-implemented.

The project site was graded as part of the 2004 Vista Del Mar development. An updated California Historic Resources Information System (CHRIS) records search was conducted on June 25, 2018, and found that no additional historic resources have been recorded at the project site since 2004 (Appendix A1). A pedestrian survey of the site conducted on June 25, 2018, by FCS Archaeologist Dana DePietro, PhD, confirmed that no structures remain at the site (Appendix A2). Because there are no known historic resources on the project site, the 2018 Project would not result in any new significant impacts or increase the severity of any previously identified significant impacts to historic resources beyond those analyzed in the 2004 EIR. No additional analysis of this topic is required.

b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?

Less than significant with applicable 2004 EIR mitigation incorporated. The 2004 EIR evaluated this issue and noted that excavation and construction on the Vista Del Mar development area (which includes the 2018 Project site) could uncover previously unknown prehistoric and archeological resources. As explained further in the 2004 EIR, the CHRIS Northwest Information Center was contacted and it was determined that the Vista Del Mar development area was in an area with a moderate potential for undiscovered Native American sites. Therefore, the 2004 EIR concluded that project-related grading and construction activities could uncover previously undiscovered prehistoric and archeological resources resulting in potentially significant impacts. The 2004 EIR included Mitigation Measure 12-1, which requires the presence of an archaeological monitor during on-site excavation, and associated requirements in the event that subsurface cultural resources are uncovered during approved ground-disturbing activities. The 2004 EIR concluded that, with implementation of Mitigation Measure 12-1, potential impacts related to archaeological resources would be less than significant.

The 2018 Project involves development within the same general footprint that was analyzed in the 2004 EIR. Moreover, the project site was previously graded as part of the 2004 Vista Del Mar development. An updated CHRIS records search was conducted on June 25, 2018, and found that no additional archeological resources have been recorded at the site since 2004. In addition, the Native American Heritage Commission (NAHC) was asked on June 15, 2018 to perform a search of its Sacred Lands File. The NAHC issued a letter on June 25, 2018, which did not identify any known Tribal Cultural Resources at the site (Appendix A3). The City sent letters to the six tribal representatives identified by the NAHC on September 27, 2018, to further determine the potential for Native American sites on the project site, and no replies have been received.

An updated pedestrian survey was conducted at the site on June 25, 2018, by FCS Archaeologist Dana DePietro, PhD. The survey failed to identify any unrecorded archaeological resources within the project boundaries, however visibility was poor due to grasses and ground cover that obscured the majority of the site.

Because there are no known archaeological resources on the project site, the 2018 Project would not result in any new significant impacts or increase the severity of any previously identified significant impacts beyond those analyzed in the 2004 EIR. The 2018 Project would be required to implement 2004 EIR Mitigation Measure 12-1, which would ensure that if any significant finds are uncovered, appropriate measures would be implemented to ensure that impacts are mitigated to a less than significant level. The residual portions of this mitigation that remain applicable to the 2018 Project are shown in **bold type** at the end of this section. No additional analysis is required.

c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less than significant with applicable 2004 EIR mitigation incorporated. The 2004 EIR considered whether construction in the Vista Del Mar development area could potentially impact previously unknown paleontological resources. According to the 2001 General Plan EIR, potential paleontological resources could be unearthed during excavation and construction activities on the Vista Del Mar development area (including the Alves Ranch project site). The 2004 EIR concluded that implementation of Mitigation Measure 12-1, which requires monitoring of on-site excavation activities by a qualified archaeologist/paleontologist, would reduce potential impacts to paleontological resources to a less than significant level.

The 2018 Project would be developed in the same general footprint previously evaluated in the 2004 EIR. For purposes of this Initial Study, on June 11, 2018, a Paleontological Records Search was conducted by Dr. Ken Finger for FCS (Appendix A4) to determine the potential for paleontological resources to occur on the project site. That search concluded there are no known paleontological resources are located within a 0.5-mile radius of the project site based on the University of California Museum of Paleontology database. Because there are no known paleontological resources on the project site, the 2018 Project would not result in any new significant impacts or increase the severity of any previously identified significant impacts to paleontological resources beyond those analyzed in the 2004 EIR.

However, the project site is located on Pliocene non-marine deposits and these soils have the potential to yield paleontological resources during construction and grading activities. Similar to the conclusions set forth in the 2004 EIR, any activity that destroys any previously unknown paleontological resources would result in significant impacts. Accordingly, the 2018 Project would be required to implement 2004 EIR Mitigation Measure 12-1 to ensure that impacts are less than significant. The residual portions of this mitigation that remain applicable to the 2018 Project are shown in **bold type** at the end of this section. No further analysis is required.

d) Disturb any human remains, including those interred outside of formal cemeteries?

Less than significant with applicable 2004 EIR mitigation incorporated. The 2004 EIR evaluated this issue and determined that construction in the Vista Del Mar development area could potentially disturb human remains, including remains interred outside of formal cemeteries. For these reasons, the 2004 EIR determined that if inadvertent discovery of human remains occurred during construction activities, this would be a significant impact. The 2004 EIR included Mitigation Measure 12-1, which requires monitoring by a qualified archaeologist of on-site excavation and associated requirements in the event that human remains are uncovered during approved ground-disturbing activities, would ensure that potential impacts would be reduced to a less than significant level.

The 2018 Project would be located within the same general footprint as the development analyzed in the 2004 EIR. Mass grading has previously occurred on the project site as part of the 2004 Vista Del Mar development and as part of this grading, 2004 EIR Mitigation Measure 12-1 was implemented to ensure that impacts remained less than significant. However, as noted above, the 2018 Project would involve additional ground disturbance and, as discussed in the 2004 EIR, could result in potentially significant impacts to any unknown human remains that may be uncovered during grading activities. Therefore, consistent with the conclusions in the 2004 EIR, the 2018 Project would be required to implement 2004 EIR Mitigation Measure 12-1 to ensure that impacts in this regard remain less than significant. The residual portions of this mitigation that remain applicable to the 2018 Project are shown in **bold type** at the end of this section. No additional analysis is required.

Tribal Cultural Resources

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

e) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or

Less than significant impact. The 2004 EIR did not evaluate this issue since AB 52 had not yet been enacted.

The NAHC was asked on June 15, 2018, to perform a search of its Sacred Lands File, which returned negative results for recorded Tribal Cultural Resources at the site. In addition, on September 27,

2018, the City sent letters to the six tribal representatives identified by the NAHC, to further determine the potential for tribal cultural resources. No reply has been received to date. Assembly Bill 52 (AB 52) stipulates that a tribe has 30 days to respond to a request for input, which expired on October 27, 2018. As such, since no input has been received, potential impacts are assumed to be less than significant, and no further analysis is required.

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

Less than significant impact. The 2004 EIR did not evaluate this issue since AB 52 had not yet been enacted.

The NAHC was asked on June 15, 2018, to perform a search of its Sacred Lands File, which returned negative results for recorded Tribal Cultural Resources at the site. In addition, on September 27, 2018, the City sent letters to the six tribal representatives identified by the NAHC, to further determine the potential for tribal cultural resources. No reply has been received to date. AB 52 stipulates that a tribe has 30 days to respond to a request for input, which expired on October27, 2018. As such, since no input has been received, potential impacts are assumed to be less than significant, and no further analysis is required.

Applicable Mitigation Measures from the 2004 Vista Del Mar EIR

Mitigation 12-1. Require that a qualified archaeologist be retained at applicant expense to monitor project-related onsite excavation. In the event that subsurface cultural resources are uncovered during approved ground-disturbing activities, work in the immediate vicinity shall be halted immediately and the retained archaeologist shall evaluate the finds and make a determination in regard to the cultural value of the discovery and warranted mitigation measures. Such preliminary field inspection may demonstrate the need for some form of additional subsurface testing (e.g., excavation by auger, shovel, or backhoe unit). The discovery or disturbance of any significant cultural resources should be reported to the California Historical Resources Information System (CHRIS). The discovery of any Native American cultural resources shall also be reported to the Native American Heritage Commission. If a significant archaeological resource is identified through this field inspection process, the City and project proponent shall seek to avoid damaging effects to the resource. Preservation is the preferred manner of mitigating impacts to an archaeological site. When in-place mitigation is determined by the City to be infeasible, a mitigation program, including measures set forth in sections 15064.4 and 15126.4 of the *CEQA Guidelines*, shall be implemented. Specifically, a data recovery plan, which makes provisions for adequate recovery of the scientifically consequential information about the site, shall be prepared prior to any additional excavation

being undertaken. The plan shall be submitted to the California Historical Resources Regional Information Center (i.e., the NWIC at Sonoma State University). If Native American artifacts are indicated, the plan shall also be submitted to the Native American Heritage Commission (NHAC). Identified cultural resources should be recorded on State Department of Parks and Recreation form DPR 422 (archaeological sites). The data recovery plan should be finalized as necessary to incorporate any mitigation additions or revisions recommended by these two groups and/or required by the City. If human remains are found, special rules set forth in State Health and Safety Code section 7050.5 and *CEQA Guidelines* section 15126.4(b) shall apply. The identified mitigations shall be undertaken to City satisfaction, if necessary, prior to resumption of grading activities.

A data recovery plan and data recovery shall not be required if the City determines that testing or studies already completed have adequately recovered the necessary data, provided that the data are available for review at the California Historical Resource Regional Information Center [*CEQA Guidelines* section 15126.4(b)].

Mitigation 12-2. The Applicant shall hire a qualified archaeologist or architectural historian to conduct a historical resources survey HRS for all on site ranch structures which appear to be over 45 years old, meeting the requirements of section 50241(g) of the State Public Resources Code. Further mitigation shall not be required if the City accepts an HRS finding that none of the existing on-site ranch structures is a significant historic resource as defined in *CEQA Guidelines* section 15064.5(a). For any project action that may cause a substantial adverse change in one or more HRS-identified potentially significant historic resources the applicant shall incorporate measures that would seek to improve the affected historic resource in accordance with either of the following publications:

- Secretary of Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving Rehabilitating Restoring and Reconstructing Historic Buildings, or
- Secretary of Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings.

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.6 Geology and Soils *Would the project:*				
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☐	☒
ii) Strong seismic ground shaking?	☐	☒	☐	☐
iii) Seismic-related ground failure, including liquefaction?	☐	☒	☐	☐
iv) Landslides?	☐	☒	☐	☐
b) Result in substantial soil erosion or the loss of topsoil?	☐	☒	☐	☐
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☒	☐	☐
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	☐	☐	☒	☐
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	☐	☐	☐	☒

Environmental Evaluation

Would the 2018 Project:

a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury or death involving:

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

No impact. The initial study prepared for the 2004 EIR evaluated this issue and determined that there are no known faults on the project site and therefore hazards associated with fault rupture are not expected. This topic was not discussed in the 2004 EIR.

The 2018 Project would be located within the same general footprint as the development analyzed in the 2004 EIR. As discussed in the 2004 EIR, the closest active earthquake fault to the project site is the Concord-Green Valley Fault located approximately 5 miles to the west. There are no inactive faults within the project site. Thus, the 2018 Project would not be subject to the potential for fault rupture. No impact would occur, and no further analysis is required.

ii) Strong seismic ground shaking?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 EIR evaluated this issue and determined that the project site is located in the San Francisco Bay Area and thus at risk of moderate to high ground shaking. The 2004 EIR concluded that adherence to the recommendations of the geotechnical study prepared by Berlogar Geotechnical Consultants (Berlogar) would ensure that potential impacts related to seismic ground shaking would be reduced to a less than significant level. The 2004 EIR included Mitigation Measure 10-1 to require preparation of a design level project geotechnical study and incorporation of all recommendations to address the above-referenced potentially significant impacts, and the residual portions of the mitigation that remains applicable to the 2018 Project is shown in **bold type** at the end of this section.

The 2018 Project would be located within the same general footprint as the development analyzed in the 2004 EIR. As discussed in the 2004 EIR, the project site is located within a seismically active region and, thus, would be required to comply with all applicable California Building Standards Code requirements intended to reduce exposure to strong ground shaking to acceptable levels. Applicable mitigation from the 2004 EIR would continue to apply to ensure that proposed structures could withstand the ground shaking in the event of a seismic event. With the incorporation of the previously approved 2004 EIR Mitigation Measure 10-1, which requires incorporation of recommendations from the geotechnical study into grading and site preparation plans, impacts would be less than significant. No further analysis is required.

iii) Seismic-related ground failure, including liquefaction?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 EIR evaluated this issue and determined that although a geotechnical study had been prepared by Berlogar, there was no assurance that the recommendations and construction guidelines would be implemented into the 2004 Vista Del Mar development. In addition, the Berlogar study identified areas susceptible to landslides, which could destroy impoundment ponds and significant impacts could potentially occur. Further, the Berlogar study did not fully describe remediation required to prevent landslides from occurring, which could result in potentially significant impacts. As a result, 2004 EIR Mitigation Measures 10-1, 10-2, and 10-11 were proposed to ensure that a geotechnical study would evaluate future project impacts and identify specific measures that would be incorporated into project grading and site preparation plans to reduce these significant impacts to a less than significant level. The 2004 EIR included mitigation to address the above-referenced potentially significant impacts, and the residual portions of those mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of this section.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. The 2004 EIR determined that implementation of Mitigation Measure 10-1 would reduce these potentially significant impacts to a less than significant level. As required by this mitigation measure, Stevens, Ferrone & Bailey Engineering Company, Inc. (SFB) prepared a Geotechnical Memo (Appendix B) for the 2018 Project on June 1, 2018, which identifies specific recommendations for design and construction in light of site conditions. Implementation of 2004 EIR Mitigation Measure 10-1, which includes the incorporation of the various measures recommended in the 2018 SFB report, would ensure these impacts are less than significant, similar to the conclusions in the 2004 EIR.

Furthermore, according to the 2018 SFB report, the project site's susceptibility to liquefaction is low, and thus, there would be less than significant impacts in this regard. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Implementation of the relevant 2004 EIR mitigation measures would ensure the impacts are less than significant. No additional analysis is required

iv) Landslides?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 FEIR determined that existing slopes on the Vista Del Mar development area greater than 30 percent could be subject to soil creep, and slopes greater than 20 percent could be susceptible to liquefaction and landslides during heavy rains. In addition, slopes that were proposed to be cut and filled could be subject to slope failure due to the steep gradients proposed. As a result, the development's grading proposals would be inconsistent with General Plan Policy 10-P-3. Furthermore, the 2004 FEIR determined the Berlogar study did not identify mitigation for the adverse effects of long-term settlement, and therefore the development could result in potentially significant impacts. Additionally, soils on the Vista Del Mar development area were identified as moderately to highly corrosive to unprotected steel, resulting in potentially significant impacts to

underground utility systems or building foundations. The 2004 FEIR also determined that future project site slope failure on the development area could damage on-site subsurface drainage systems without proper maintenance, resulting in potentially significant impacts. However, the City concluded that implementation of 2004 EIR Mitigation Measures 10-3, 10-4, 10-5, 10-6, 10-8, and 10-12 would reduce the potentially significant impacts to less than significant levels.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. The project site contains engineered slopes that were created during the construction of the residential subdivision to the south and the regional stormwater basin along the northern portion of the project site. This previous mass grading and removal of weak soils have created a relatively level site that has a low potential for landslides. Geotechnical mitigation from the 2004 EIR would continue to apply to the project, including Mitigation Measures 10-4, 10-6, and 10-7, which require evaluation of the construction of slopes by a geotechnical engineer to ensure that settlement or other factors do not result in the potential for slope failure. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. The residual portions of those mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of this section. Implementation of the relevant 2004 EIR mitigation measures would ensure the impacts are less than significant. No additional analysis is required.

b) Result in substantial soil erosion or the loss of topsoil?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 EIR determined that construction of the Vista Del Mar development would leave on-site soils exposed to wind and water erosion. The resulting erosion could cause sediment to block culverts and stormwater channels and result in increased flooding in the development's vicinity. In addition, soil erosion would ultimately degrade water quality in Suisun Bay. These soil erosion impacts could be potentially significant. Therefore, to reduce these impacts to a less than significant level, the 2004 EIR identified Mitigation Measure 10-9, which required the preparation and implementation of an erosion control plan subject to City approval. Therefore, with implementation of this mitigation measure, the City concluded that impacts were less than significant.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. Construction of the 2018 Project would reduce the project site's vegetation cover and increase the potential for soil erosion impacts. As described above, the 2004 EIR identified this potential impact and required implementation of 2004 EIR Mitigation Measure 10-9 to reduce this potentially significant impact to less than significant levels through preparation and implementation of an erosion control plan subject to approval by the City. The residual portions of this mitigation that remain applicable to the 2018 Project are shown in **bold type** at the end of this section.

In addition to the above-referenced mitigation measures, the 2018 project would also be required to prepare and implement a Storm Water Pollution Prevention Plan (SWPPP) in accordance with applicable federal and State requirements, which would identify BMPs that are intended to prevent erosion during construction activity. Therefore, the 2018 Project would not introduce new

significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Implementation of the relevant 2004 EIR mitigation measures would ensure the impacts are less than significant. No additional analysis is required.

c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 EIR determined that existing slopes on the Vista Del Mar development area greater than 30 percent could be subject to soil creep, and slopes greater than 20 percent could be susceptible to liquefaction and landslides during heavy rains. In addition, slopes that were proposed to be cut and filled could be subject to slope failure due to the steep gradients proposed. As a result, the development's grading proposals would be inconsistent with General Plan policy 10-P-3. Furthermore, the 2004 EIR determined the Berlogar study did not identify mitigation for the adverse effects of long-term settlement, and therefore the development could result in potentially significant impacts. Additionally, soils on the Vista Del Mar development area were identified as moderately to highly corrosive to unprotected steel, resulting in potentially significant impacts to underground utility systems or building foundations. The 2004 EIR also determined that future project site slope failure on the development area could damage on-site subsurface drainage systems without proper maintenance, resulting in potentially significant impacts. However, the City concluded that implementation of 2004 EIR Mitigation Measures 10-3, 10-4, 10-5, 10-6, 10-8, and 10-12 would reduce the potentially significant impacts to less than significant levels.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. According to the 2018 SFB Geotechnical Memo (Appendix B), the project site was previously graded under the guidance of Berlogar, which included the removal of all expansive soils and slopes. As a result, all significant impacts related to slope failure, liquefaction, debris flows, and landslides that were previously identified in the 2004 EIR would be less than significant with respect to the 2018 Project because the site no longer contains slopes susceptible to these risks.

Similar to the conclusions set forth in the 2004 EIR, the 2018 Project could still result in potentially significant impacts from long-term differential settlement, corrosive soils, and geotechnical maintenance. However, the 2018 Project would be required to implement 2004 EIR Mitigation Measures 10-6, 10-8, and 10-12, which would reduce impacts to less than significant. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Implementation of the relevant 2004 EIR mitigation measures would ensure the impacts are less than significant. The residual portions of those mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of this section. No additional analysis is required.

d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?

Less than significant impact. The 2004 EIR evaluated this issue and determined that the Vista Del Mar development area contained expansive soils and any development, such as utility lines, roads, or building foundations, could result in long-term damage to these structures and therefore the 2004 EIR characterized these impacts as potentially significant. However, the 2004 EIR determined that implementation of Mitigation Measure 10-7 would require that expansive soils be removed or amended in accordance with applicable City standards. Therefore, the City concluded that impacts would be reduced to less than significant with incorporation of this mitigation.

The 2018 project site is located within the same general footprint evaluated in the 2004 EIR and previously contained the expansive soils discussed therein. However, according to the 2018 SFB Geotechnical Memo (Appendix B), the site was previously mass graded as a part of the larger 2004 Vista Del Mar residential development to the south under the guidance of Berlogar, and consistent with the 2008 Berlogar report, included requirements that all expansive soils on the project site be removed and replaced with engineered fill. As a result, the 2018 Project is no longer at significant risk due to expansive soils, and impacts would be less than significant. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No additional analysis is required.

e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

No impact. The initial study prepared for the 2004 EIR determined that sanitary sewer service would be provided and no alternative waste disposal system is proposed. Therefore, the project would result in no impact, and the topic was not studied further in the 2004 EIR.

The 2018 project site is located within the same general footprint evaluated in the 2004 EIR. The 2018 Project would connect to the City sewer system and would not use septic or alternative wastewater disposal systems. Therefore, the 2018 Project would not result in any impacts associated with septic and alternative wastewater systems. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No additional analysis is required.

Applicable Mitigation Measures from the 2004 Vista Del Mar EIR

Mitigation 10-1. **The project geotechnical engineer shall prepare a final design-level project geotechnical study subject to review and approval by an independent engineering geologist retained by the City at applicant expense. The review shall evaluate if the study and all of its conclusions are consistent with generally accepted geotechnical engineering practice and in agreement with the approved site development plan. Relevant provisions of the geotechnical**

study shall be incorporated into project grading and site preparation plans. All earthwork and site preparation shall be performed under the direct supervision of a State-certified geotechnical engineer or these measures to the satisfaction of the independent engineering geologist and the City Engineer would reduce this potential impact to a less-than-significant level.

Mitigation 10-4. **The City and its independent engineering geologist shall closely evaluate all project proposals for the construction of slopes in particular cut slopes steeper than three-to-one, to prevent future slope failures that could damage existing homes/project improvements or require slope repairs at the expense of the West Pittsburg GHAD. If the stability of these proposed slopes can be independently confirmed, implement the construction measures recommended in the project geotechnical study. If the slopes stability cannot be confirmed redesign the slopes to achieve a flatter more sustainable gradient. Implementation of this measure to the satisfaction of the City-retained independent engineering geologist and City Engineer would reduce this potential impact to a less-than-significant level.**

Mitigation 10-6. **Specification for site development shall include mandatory phasing for construction of site improvements as recommended by the project geotechnical engineer if settlement monitoring indicates that long-term settlement within individual fill areas could eventually exceed allowable amounts and damage or otherwise limit the usefulness of buildings or other improvements. Implementation of this measure to the satisfaction of the City retained engineering geologist and City Engineer would reduce this potential impacts to a less than significant level.**

Mitigation 10-7. **In addition to the observation of all cut and fill slope construction the project geotechnical engineer shall inspect and certify that any expansive soils underlying individual building pads and all roadway subgrades have been either removed or amended in accordance with City-approved construction specifications. If expansive soils are not fully remediated on each lot and in the area of all public and private improvements at the time of site development the project geotechnical engineer shall make site-specific recommendations for grading, drainage, installation of foundation design, the addition of soil amendments and or the use of imported non-expansive fill materials as may be required to fully mitigate the effects of weak or expansive soils and prevent future damage to project improvements. Following review and approval by the City-retained independent engineering geologist and City Engineer (see Mitigation 10-1) these recommendations shall be incorporated into a report to be included with each building permit application and with the plans for all public and common-area improvements.**

Mitigation 10-8. **Specification for site development shall include a protocol for verifying that adequate protection has been provided for all foundations and underground**

utilities that could be damaged by corrosive soils. The project civil engineer shall be responsible for implementation of this protocol with final approval by the City Engineer. Implementation of this measure would reduce this potential impact to a less-than-significant level

Mitigation 10-9. **Prepare an erosion control plan subject to City approval and implement the plan during construction. The plan shall provide for long-term stabilization of all exposed soils upon the completion of project development. Implementation of this measure would reduce this potential impact to a less than significant level.**

Mitigation 10-10. **Educational materials that discourage overwatering in landscaped areas shall be furnished to all future lot owners** and commercial/multi-family property managers **at the time of purchase and periodically thereafter (perhaps by inclusion with water or tax bills), as part of an effort to control groundwater seepage.** Area 1 property managers shall also be required to regularly maintain onsite drainage systems to ensure that stormwater runoff is directed away from all slope areas.

Mitigation 10-12. **Require project annexation to the West Pittsburg Geologic Hazard Abatement District (GHAD) in order to adequately address the special circumstances and long-term geotechnical maintenance needs associated with development in areas of potential geologic instability.** Establish a long-term funding mechanism for the maintenance of slopes and all other on-site conditions that could affect slope stability. **The existence of and the responsibilities attached to project inclusion in the GHAD shall be clearly disclosed to all purchasers of property within the project site. In addition, all risks and liabilities associated with the ownership of project land in the vicinity of potentially unstable slopes shall be fully explained to potential buyers at the time of purchase. Implementation of these measures to the satisfaction of the City-retained engineering geologist and City Engineer would this potential impact to a less than significant level.**

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.7 Greenhouse Gas Emissions *Would the project:*				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☒	☐	☐	☐
b) Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?	☒	☐	☐	☐

Environmental Evaluation

Would the 2018 Project:

a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Potentially significant impact. The 2004 EIR did not evaluate this issue, as the analysis of GHG emissions was not typically included in environmental documents at that time.

The 2018 Project's construction and operational activities would emit greenhouse gas (GHG) emissions such as carbon dioxide and methane. Depending on the amount of project emissions, the 2018 Project may exceed applicable BAAQMD thresholds and, thus, may represent a significant impact on the environment. This is a potentially significant impact and will be further studied in the Supplemental EIR.

b) Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?

Potentially significant impact. The 2004 EIR did not evaluate this issue, as the analysis of GHG emissions was not typically included in environmental documents at that time.

The 2018 Project's construction and operational activities would emit GHG emissions. Depending on the amount of project emissions, the 2018 Project may exceed applicable BAAQMD thresholds and, thus, may conflict with a GHG reduction plan. This is a potentially significant impact and will be further studied in the Supplemental EIR**.**

Mitigation Measures

None.

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.8 Hazards and Hazardous Materials *Would the project:*				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☒	☐
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☒	☐
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☒	☐
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	☐	☐	☐	☒
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	☐	☐	☐	☒
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	☐	☐	☐	☒

Environmental Evaluation

Would the 2018 Project:

a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

Less than significant impact. The 2004 EIR evaluated this issue and did not identify significant hazardous materials use or disposal impacts with buildout of the Vista Del Mar development because land uses would be residential and commercial, which are land uses not associated with significant routine transport, use, or disposal of hazardous materials. Although hazardous materials could be stored, generated, and/or used on the project site, all hazardous materials would be required to be stored and handled in compliance with applicable local, State, and federal laws and regulations. Therefore, the City concluded that impacts were less than significant.

Similar to the conclusions in the 2004 EIR, given the nature of the proposed uses, the 2018 Project's residential and commercial land uses would not involve significant routine transport, use, or disposal of hazardous materials. Although typical hazardous materials such as diesel, mechanical fluids, and solvents may be used on the project site during construction and operation, hazardous materials would not be used or stored in significant quantities. Furthermore, all hazardous materials would be required to be stored and handled in compliance with applicable local, State, and federal laws and regulations. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Impacts would be less than significant and no further analysis is required.

b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Less than significant impact. The 2004 EIR evaluated this issue and determined that although future residents could be exposed to accidental spillage or leakage of hazardous materials stored in on-site commercial areas, these commercial uses would be required to follow applicable regulations and guidelines regarding the storage and handling of hazardous waste under the policies of its Hazardous Waste Management Plan and the regulations of the zoning ordinance. Compliance with these adopted federal, State, and local regulations would ensure that potential impacts would remain less than significant.

Similar to the conclusions in the 2004 EIR, the 2018 Project would not develop industrial land uses that involve significant uses of hazardous materials, and all hazardous materials would be required to be stored and handled in compliance with applicable local, State, and federal laws and regulations. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Impacts would be less than significant and no further analysis is required.

c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

Less than significant impact. The 2004 EIR evaluated this issue and determined that a school was under construction on the San Marcos site within approximately 0.25 mile of the project's western boundary. The 2004 EIR determined that the proposed residential and commercial uses would be required to follow applicable regulations and guidelines regarding the storage and handling of hazardous waste under the policies of its Hazardous Waste Management Plan and the regulations of the zoning ordinance. Compliance with these adopted federal, State, and local regulations would ensure that potential impacts would remain less than significant.

The 2018 project site is located within the same general footprint and the 2018 Project involves the same types of general land uses evaluated in the 2004 EIR. A future school is planned on Tomales Bay Drive, within 0.25 mile of the 2018 Project site. Similar to the conclusions in the 2004 EIR, the 2018 Project's residential and commercial land uses would not involve significant routine transport, use, or disposal of hazardous materials and would be required to follow applicable regulations and guidelines regarding the storage and handling of hazardous waste under the policies of its Hazardous Waste Management Plan and the regulations of the zoning ordinance. Compliance with these adopted federal, State, and local regulations would ensure that potential impacts would remain less than significant.

Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Impacts would be less than significant and no further analysis is required.

d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

Less than significant impact. The 2004 EIR evaluated this issue and determined that the project site was not included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. The 2004 EIR did include discussion of three underground storage tanks that were associated with the prior ranching operations on the site. All three tanks were removed and a "no further action" letter was issued in 1997 indicating that all remedial action had been completed to the satisfaction of the RWQCB. As part of the 2004 EIR, additional soil borings were conducted in the location of the three former underground storage tanks, and additional excavation and disposal was recommended in the immediate vicinity of the former tanks to ensure that residual soil concentrations remain below 100 ppm. The excavation and removal was completed as part of the 2004 development.

The project site is located within the same general footprint and involves the same types of general land uses evaluated in the 2004 EIR. According to the 2018 ENGEO Phase I ESA (Appendix C), there is no evidence of soil or groundwater impairments on the project site. In addition, ENGEO conducted an environmental records search of the project site and found no listed sites on the project site or in the vicinity that would create a significant hazard to the public or the environment. A query of the

State Water Resources Control Board GeoTracker indicates that the project site is not listed on any hazardous materials databases compiled pursuant to Government Code Section 65962.5. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Impacts would be less than significant and no further analysis is required.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?

No impact. The initial study prepared for the 2004 EIR evaluated this issue and determined that the project site is not in the vicinity of a private airstrip. The topic was not studied further in the 2004 EIR.

The project site is located within the same general footprint and involves the same types of general land uses evaluated in the 2004 EIR. The project site is approximately 5.5 miles from Buchanan Field, the nearest airport. This distance makes it unlikely that the 2018 Project would expose persons residing or working in the project vicinity to aviation safety hazards. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No impact would occur and no further analysis is required.

f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?

No impact. The initial study prepared for the 2004 EIR evaluated this issue and determined that the project site is not in the vicinity of a private airstrip. The topic was not studied further in the 2004 EIR.

The project site is located within the same general footprint and involves the same types of general land uses evaluated in the 2004 EIR. There are no private airstrips in the project vicinity, making it unlikely that the 2018 Project would expose persons residing or working in the project vicinity to aviation safety hazards. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No impact would occur and no further analysis is required.

g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

Less than significant impact. The 2004 EIR evaluated this issue and determined that the project would not interfere with any established emergency response plan, provided that Mitigation Measure 8-8 is implemented, which involves park dedication requirements or payment of an in lieu fee.

The project site is located within the same general footprint and involves the same types of general land uses evaluated in the 2004 EIR. As discussed in the 2004 EIR, the project site is located in an urbanized portion of the City of Pittsburg that is served with adequate emergency response times. The 2018 Project would be accessed from two points on West Leland Road. It would include secondary access in compliance with applicable fire district requirements, and would also be designed such that street widths and turnarounds would comply with applicable fire code standards to ensure appropriate emergency access, circulation, and ingress/egress. As such, adequate emergency response and evacuation would be provided. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Impacts would be less than significant and no further analysis is required.

h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

No impact. The 2004 EIR evaluated this issue and determined that the project would introduce urban uses to wildland areas that could increase the risk of wildland fires, but that implementation of mitigation measure 8-7, which requires weed abatement standards, use of sprinklers and implementation of defensible space around all estate homes would reduce potential impacts to ales than significant level.

The project site is located within the same general footprint and involves the same types of general land uses evaluated in the 2004 EIR. The project site is not located in a California Department of Forestry and Fire Protection (CALFIRE) designated Moderate, High, or Very High fire hazard severity zone. In addition, the project site is not located near steep slopes or natural vegetation that is prone to wildfires. As noted above, the 2018 Project would include secondary access in compliance with applicable fire district requirements, and would be designed such that street widths and turnarounds comply with applicable fire code standards to ensure appropriate emergency access, circulation, and ingress/egress. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No impact would occur and no further analysis is required.

Applicable Mitigation Measures from the 2004 Vista Del Mar EIR

None.

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.9 Hydrology and Water Quality *Would the project:*				
a) Violate any water quality standards or waste discharge requirements?	☐	☒	☐	☐
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted?	☐	☒	☐	☐
c) Substantially alter the existing drainage pattern of area, including through the alteration of the course of a stream or river, in a manner that would result in substantial erosion or siltation on- or off-site?	☐	☒	☐	☐
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site?	☐	☒	☐	☐
e) Create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	☐	☒	☐	☐
f) Otherwise substantially degrade water quality?	☐	☒	☐	☐
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	☐	☐	☐	☒
h) Place within a 100-year flood hazard area structures that would impede or redirect flood flows?	☐	☐	☐	☒
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	☐	☐	☐	☒
j) Inundation by seiche, tsunami, or mudflow?	☐	☐	☐	☒

Environmental Evaluation

Would the 2018 Project:

a) Violate any water quality standards or waste discharge requirements?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 EIR evaluated this issue and determined that stormwater runoff from the Vista Del Mar development area could degrade water quality downstream due to non-point source pollutants. This would result in potentially significant impacts to water quality standards. The 2004 EIR determined that implementation of Mitigation Measures 9-3 and 9-4, which require implementation of an Stormwater Pollution Prevention Plan (SWPPP), would reduce long-term non-point source pollutants. Therefore, the City concluded that impacts would be reduced to a less than significant level.

The City of Pittsburg is a "Permittee" under the California Regional Water Quality Control Board for the San Francisco Bay Region's National Pollutant Discharge Elimination System (NPDES) Municipal Regional Stormwater Permit (MRP; NPDES Permit No. CAS612008), implemented through the Contra Costa Clean Water Program (CCCWP). The California Regional Water Quality Control Board for the San Francisco Bay Region issued the first MRP in 2009; the MRP was reissued in November 2015. Provision C.3 in the 2015 MRP requires site designs for new developments and redevelopments to minimize the area of new roofs and paving and treat runoff, and in some cases, control the rates and durations of site runoff.

Pursuant to *MRP Order No. R2-2015-0049*, "Attachment A: Fact Sheet," issued November 19, 2015, Provision C.3.b ("Regulated Projects"), regulated projects with previously approved non-low impact development (LID) stormwater treatment measures that comply with the hydraulic sizing criteria of Provision C.3.d that have begun construction will continue to be "grandfathered," or only required to comply with the Provision C.3 requirements in place at the time the project was originally approved (MSR, Attachment A, page A-34). Further, this provision allows exemptions for some of these previously approved projects in situations where the Permittees lack legal authority to retroactively change their previous approval.

The 2004 Project included a C.3 plan that with non-LID stormwater treatment measures that was previously approved, in compliance with the MRP in effect at the time of project approval and the hydraulic sizing criteria of Provision C.3.d[4], and construction was initiated as part of the Vista Del Mar single-family residential subdivision to the south. Additionally, the City has previously entered into a Development Agreement with William Lyon Homes and Alves Ranch, LLC, which vested the

[4] Provision C.3.d (Numeric Sizing Criteria for Stormwater Treatment Systems) lists the hydraulic sizing design criteria that the stormwater treatment systems installed for Regulated Projects must meet. The volume and flow hydraulic design criteria are the same as those required in the Previous Permit. These criteria ensure that stormwater treatment systems will be designed to treat the optimum amount of relatively smaller sized runoff generating storms each year. That is, the treatment systems will be sized to treat the majority of rainfall events generating polluted runoff but will not have to be sized to treat the few very large annual storms as well. For many projects, such large treatment systems become infeasible to incorporate into the projects.

developers' right to construct the "project," inclusive of modifications and necessary subsequent approvals.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. As discussed previously, construction activity such as grading would reduce the project site's vegetation cover and increase the potential for soil erosion creating water quality impacts. As a result, the 2018 Project would be required to prepare and implement an SWPPP in accordance with applicable federal and State requirements and Mitigation Measures 9-3 and 9-4 from the 2004 EIR. The SWPPP would identify best management practices (BMPs) that are intended to prevent erosion during construction activity.

At operation, similar to the conclusions in the 2004 EIR, the 2018 Project would create impervious surfaces that could cause pollutants, such as motor oil from parked cars, to enter water bodies during storm events, potentially degrading water quality. However, the 2018 Project would install an on-site storm drainage and conveyance system that would connect to the existing stormwater basin constructed as part of the 2004 Project. The drainage and conveyance system would be designed and constructed in accordance applicable State and local laws and regulations, as well as 2004 EIR Mitigation Measures 9-1 and 9-2, in order to reduce peak runoff volume, prevent inundating downstream waterways, and reduce pollutant loads. These construction and operational features would ensure the 2018 Project would not applicable violate water quality standards. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Impacts would be less than significant and no further analysis is required.

As mentioned, the 2004 EIR included mitigation to address the above-referenced potentially significant impacts, and the residual portions of those mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of this section.

b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted?

Less than significant impact. The 2004 EIR evaluated this issue and determined that the increase in impervious surfaces from the Vista Del Mar development could reduce groundwater recharge. This would result in potentially significant impacts to existing groundwater supplies.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. Similar to the conclusions in the 2004 EIR, the 2018 Project would be served by the municipal water supply and would not require the installation of a new groundwater well, nor would the 2018 Project substantially interfere with the recharge of groundwater. According to the City of Pittsburg 2015 Urban Water Management Plan, the City of Pittsburg receives approximately 87 percent of its potable water supply from the CCWD and uses two groundwater wells to provide approximately 13 percent of the City's water supplies. The City of Pittsburg is underlain by the Pittsburg Plain Groundwater Basin. The 2015 Urban Water

Management Plan states that the Pittsburg Groundwater Basin is not a critically overdrafted groundwater basin and groundwater levels in the basin have historically been stable because the majority of water demand has been met by surface water. As such, the 2018 Project would not substantially deplete groundwater supplies.

The project site currently is covered in natural vegetation and allows for limited groundwater recharge. The 2018 Project would increase impervious surfaces and reduce groundwater recharge compared to existing conditions. However, the 2018 Project would include stormwater systems composed of landscaping that would retain stormwater consistent with pre-development stormwater runoff levels, which would allow for groundwater recharge on-site. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Impacts would be less than significant and no further analysis is required.

c) Substantially alter the existing drainage pattern of area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 EIR evaluated this issue and determined that increased runoff caused by the Vista Del Mar development could worsen downstream flooding. In addition, Contra Costa County Flood Control and Water Conservation District (CCCFCWCD) determined the existing culvert and channel section were undersized and thus unable to fully accommodate the anticipated flows. These impacts could be potentially significant. However, the 2004 EIR concluded that with implementation of Mitigation Measures 9-1 and 9-2, planned capacity of downstream drainage systems and culverts would not be exceeded, and that flooding on- or off-site would not occur.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. Similar to the conclusions in the 2004 EIR, the 2018 Project would increase the amount of impervious surface across the site (as compared to existing conditions), which could potentially increase the rate of stormwater runoff to the existing regional stormwater basin. As mentioned for Impact (a), above, the City of Pittsburg is a "Permittee" under the MRP, and pursuant to *MRP Order No. R2-2015-0049*, the project is only required to comply with the hydraulic sizing criteria of Provision C.3.d. In compliance with the hydraulic sizing design criteria, the 2018 Project proposes to raise the outfall by two feet to yield a total storage capacity to 6.2 acre-feet.

As mentioned, the 2004 EIR included mitigation to address the above-referenced potentially significant impacts, and the residual portions of those mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of this section.

d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 EIR evaluated this issue and determined that construction of the Vista Del Mar development would create new impervious surfaces and increase the rate of stormwater runoff. Peak flow rates could exceed the existing planned capacity of downstream drainage systems resulting in potentially significant impacts. The 2004 EIR determined implementation of Mitigation Measures 9-1 and 9-2 would ensure that the planned capacity of downstream drainage systems and culverts is not exceeded, and that flooding on- or off-site does not occur. The 2004 EIR included mitigation to address the above-referenced potentially significant impacts, and the residual portions of those mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of this section.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. The 2018 Project would include the construction and installation of an on-site storm drainage and conveyance system that would connect to the existing stormwater basin constructed as part of the 2004 Project. This stormwater conveyance system would be designed according to applicable State and local laws and regulations, as well as Mitigation Measures 9-1 and 9-2 from the 2004 EIR, in order to reduce peak runoff volume, prevent inundating downstream waterways, and reduce pollutant loads. As mentioned in detail above, the City of Pittsburg is a "Permittee" under the MRP, and pursuant to *MRP Order No. R2-2015-0049*, the project is only required to comply with the hydraulic sizing criteria of Provision C.3.d. In compliance with the hydraulic sizing design criteria, the 2018 Project proposes to raise the outfall by two feet to yield a total storage capacity to 6.2 acre-feet.

Collectively these features would improve existing drainage and ensure the 2018 Project would not substantially alter the existing drainage patterns such that flooding on- or off-site occurs. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Implementation of the relevant 2004 EIR mitigation measures would ensure the impacts are less than significant. No additional analysis is required.

e) Create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 EIR evaluated this issue and determined that increased runoff caused by the Vista Del Mar development could worsen downstream flooding. In addition, Contra Costa County Flood Control and Water Conservation District (CCCFCWCD) determined the existing culvert and channel section were undersized and thus unable to fully accommodate the anticipated flows. These impacts could be potentially significant. However, the 2004 EIR concluded that with implementation of Mitigation Measures 9-1 and 9-2, planned capacity of downstream drainage systems and culverts would not be exceeded, and that flooding on- or off-site would not occur. The 2004 EIR included mitigation to address the above-referenced potentially significant impacts, and the residual portions of those

mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of this section.

As mentioned in detail above, the City of Pittsburg is a "Permittee" under the MRP, and pursuant to *MRP Order No. R2-2015-0049*, the project is only required to comply with the hydraulic sizing criteria of Provision C.3.d. In compliance with the hydraulic sizing design criteria, the 2018 Project proposes to raise the outfall by two feet to yield a total storage capacity to 6.2 acre-feet.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. Similar to the conclusions in the 2004 EIR, the 2018 Project would increase the amount of impervious surfaces across the site (as compared to existing conditions), which could potentially increase the rate of stormwater runoff to the existing regional stormwater basin. The 2018 Project would include the construction and installation of an on-site storm drainage and conveyance system that would connect to the existing stormwater basin constructed as part of the 2004 Project. This stormwater conveyance system would be designed according to applicable State and local laws and regulations as well as Mitigation Measures 9-1 and 9-2 from the 2004 EIR, in order to meter the release of peak runoff volume from the stormwater basin to ensure that post-development flows do not exceed pre-development flows; prevent inundating downstream waterways; and reduce pollutant loads.

The 2004 EIR concluded that with implementation of Mitigation Measure 9-2, which requires completion of proposed downstream improvements on Lines B and B-1, this would ensure that downstream culverts would provide sufficient capacity to accommodate post-development runoff in accordance with applicable standards and requirements. Collectively, these features would ensure that the 2018 proposed project would not contribute runoff that would exceed the capacity of downstream stormwater drainage systems or provide substantial additional sources of polluted runoff. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Implementation of the relevant 2004 EIR mitigation measures would ensure the impacts are less than significant. No additional analysis is required.

f) Otherwise substantially degrade water quality?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 EIR evaluated this issue and determined that stormwater runoff from the Vista Del Mar development area could degrade water quality downstream due to nonpoint source pollutants resulting in potentially significant impacts to water quality standards. The 2004 EIR determined that implementation Mitigation Measures 9-3 and 9-4, which require implementation of an SWPPP, would reduce long-term non-point source pollutants. Therefore, the City concluded that impacts would be reduced to a less than significant level. The residual portions of those mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of this section.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. As discussed in Impact (a), and similar to the evaluation in the

2004 EIR, development of the 2018 Project could potentially degrade water quality due to non-point source urban pollutants resulting in potentially significant impacts.

As mentioned in detail above, the project is only required to comply with the hydraulic sizing criteria of Provision C.3.d. In compliance with the hydraulic sizing design criteria, the 2018 Project proposes to raise the outfall by two feet to yield a total storage capacity to 6.2 acre-feet to ensure that anticipated peak stormwater flows can be accommodated, in compliance with the 2004 EIR Mitigation Measure 9-2. Similar to the conclusions in the 2004 EIR, implementation of Mitigation Measure 9-2, which would involve retrofitting of the stormwater basin to raise the elevation of the outfall structure by 2 feet, would ensure that impacts related to water quality remain less than significant. Implementation of Mitigation Measures 9-3 and 9-4 would ensure that construction and operation of the 2018 Project would not result in significant impacts to water quality. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Implementation of the relevant 2004 EIR mitigation measures would ensure the impacts are less than significant. No further analysis is required.

g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?

No impact. The initial study prepared for the 2004 EIR evaluated this issue and determined that the project site is not located within the 100-year zone defined by Federal Emergency Management Agency (FEMA) maps. The topic was not studied further in the 2004 EIR.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. Similar to the conclusions in the 2004 EIR, the 2018 Project proposed project would not be located within a 100-year flood zone. The project site is located in Zone X, Area of Minimal Flood Hazard as designated by FEMA FIRM Map No. 06013C0114G, effective September 30, 2015. As such, no impact would occur. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?

No impact. The initial study prepared for the 2004 EIR evaluated this issue and determined that the project site is not located within the 100-year zone defined by FEMA maps. The topic was not studied further in the 2004 EIR.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. Similar to the conclusions in the 2004 EIR, the 2018 Project proposed project would not be located within a 100-year flood zone. The project site is located in Zone X, Area of Minimal Flood Hazard as designated by FEMA FIRM Map No. 06013C0114G, effective September 30, 2015. As such, no impact would occur. Therefore, the 2018 Project would not introduce

new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?

No impact. The initial study prepared for the 2004 EIR evaluated this issue and determined that the project site is not located within an identified flood-prone area, or dam or levee failure inundation zone. The topic was not studied further in the 2004 EIR.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated; however, because there are fewer residential units and less overall commercial square footage, fewer people and structures would be placed at risk of loss, injury or death involving flooding. Furthermore, similar to the conclusions in the 2004 EIR, according to the "City of Pittsburg Hazard Mitigation Plan," the City is not located in line of flooding due to dam or levee failure. As such, the project site is not located in a dam or levee inundation hazard zone. No impact would occur. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

j) Inundation by seiche, tsunami, or mudflow?

No impact. The 2004 EIR did not evaluate this issue.

The project site is not adjacent to any inland bodies of water susceptible to a seiche. The project site is approximately 35 miles from the Pacific Ocean, a distance that makes the possibility of tsunami inundation unlikely. The project site is not downslope of any active volcanoes, which makes the possibility of mudflow inundation unlikely. No impact would occur, and the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

Applicable Mitigation Measures from the 2004 Vista Del Mar EIR

Mitigation 9-1. **Provide an onsite storm water detention facility and maintenance program sufficient to permanently reduce peak rates of runoff into the east highway culvert, in accordance with adopted design and maintenance criteria (see details below), and subject to the approval of Caltrans, the CCCFCWCD, and the City Engineer. The project east highway culvert detention basin and all discharge structures shall be dedicated to a maintenance assessment district, in which future project property owners would be responsible for the facility's long-term maintenance.**

Mitigation 9-2. The existing rate and volume of storm water discharges from the project site shall not be increased until the proposed downstream drainage improvements on Lines B and B-1 have been completed and it has been confirmed that project-related discharges would not worsen either the extent or duration of downstream flooding.

The applicant shall prepare a hydrology study that (a) confirms that the proposed new culverts to be installed downstream of Highway 4 would have sufficient capacity to accommodate post-development flows from the project site in addition to existing and future flows from the surrounding neighborhoods, and (b) identifies which, if any, existing Line B and B-1 segments located farther downstream might also need upgrades to accommodate higher flow rates and/or alternatively, what interim or permanent increase in onsite detention storage volume should be provided to lower the rate of discharge during all storms to a level that does not cause new or more widespread flooding within neighborhoods located north of Highway 4. **The developer would then be responsible for design and construction of all improvements within the appropriate sections of Drainage Area 48B, Lines B and B 1 (as well as for any modifications required to also increase the volume of onsite detention storage), as may be identified by CCCFCWCD, based on their review of the hydrology report.**

The applicant shall also pay all applicable drainage fees, as determined by the CCCFCWCD (see details below). The project's Area 48B drainage fees would be used to fund construction of the proposed downstream drainage improvements. If the fees are not sufficient to cover the cost of these improvements, all additional costs would be paid by the applicant under the terms of a development agreement with the CCCFCWCD. This agreement would provide for repayment of these extra costs as additional fees are collected on future development projects, under the terms of the Flood Control District's reimbursement policy.

Mitigation 9-3. In accordance with National Pollution Discharge Elimination System (NPDES) regulations, prepare a *Storm Water Pollution Prevention Plan* (SWPPP) consistent with State and RWQCB design standards, for implementation throughout project construction to control erosion on the project site, subject to the approval of the City Engineer.

Mitigation 9-4. To help reduce the long-term accumulation of non-point source pollutants from the project within downstream surface waters, incorporate long-term source control and pre-discharge treatment measures into the *Storm Water Pollution Prevention Plan* (SWPPP) described in *Mitigation 9-3* above, in accordance with Municipal Regional Stormwater Permit Order No. R2-2015-0049 NPDES No. CAS612008, subject to the approval by the City Engineering Division.

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.10 Land Use and Planning *Would the project:*				
a) Physically divide an established community?	☐	☐	☐	☒
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☒	☐
c) Conflict with any applicable habitat conservation plan or natural communities conservation plan?	☐	☐	☒	☐

Environmental Evaluation

Would the 2018 Project:

a) Physically divide an established community?

No impact. The initial study prepared for the 2004 EIR evaluated this issue, and determined that the project is located within the Pittsburg city limits and is surrounded by existing planned urban development to the north, east, and west. The Vista Del Mar development would not physically divide the established Pittsburg community. The topic was not studied further in the 2004 EIR.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. As discussed in the 2004 EIR, the 2018 Project would not physically divide an established community. The project site is comprised of privately owned undeveloped land and is an infill site. The San Marco Subdivision is to the west, the BART station to the east, and SR 4 to the north. The 2018 Project would be consistent with the residential uses to the west, and would promote connectivity to the BART station to the east. Similar to the conclusions of the 2004 EIR, the 2018 Project does not include features that would divide an established community. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No impact would occur and no further analysis is required.

b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

Less than significant impact. The 2004 EIR evaluated this issue and identified potentially significant conflicts with an applicable land use plan, policy, or regulation of an agency with jurisdiction over the project. In Impact 4-1, the 2004 EIR discussed the fact that approximately 57 of the proposed single-family lots would be located within 150 feet of the PG&E electrical transmission line easement, which could result in concerns and complaints regarding visual and noise effects, as well as electromagnetic field exposure. This relationship raised questions of consistency with the General Plan Policy 2-P-7, which calls for consideration of project compatibility with surrounding sensitive uses to ensure that sensitive uses such as residences are not subject to hazardous or unhealthy conditions. In Impact 4-2, the 2004 EIR indicated that the estate lots located to the south of West Leland Road were adjacent to property under Williamson Act contract.

The 2004 EIR determined that implementation of Mitigation Measures 4-1, 4-2, and 4-3 would reduce the potential conflicts with an applicable land use plan, policy, or regulation of an agency with jurisdiction over the project to less than significant. As noted above, none of the mitigation measures applies to the 2018 project site.

All of these potential impacts are related to land located south of West Leland Road and do not apply to the 2018 project site. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Impacts resulting from the 2018 Project would be less than significant, and no additional analysis is required.

c) Conflict with any applicable habitat conservation plan or natural communities conservation plan?

Less than significant impact. The initial study prepared for the 2004 EIR determined that the project site is not subject to any adopted Habitat Conservation Plan (HCP), but that an HCP was being crafted at that time (i.e., the East Contra Costa County Habitat Conservation Plan [ECCHCP]). The ECCHCP was adopted in October 2007, and is administered by the East Contra Costa County Habitat Conservancy ("Conservancy"), a joint powers authority established by the jurisdictions that participate in the HCP. Each of these jurisdictions (including the City) is a "Permittee" under the HCP and applicable state and federal environmental protection laws, and as such, each Permittee (including the City) is authorized to provide "take" coverage for development projects within its land use jurisdiction under the terms of the HCP. In order to be so permitted, each jurisdiction (including the City) has passed an implementing ordinance approved by the Conservancy, which governs the application of the HCP to development projects within that jurisdiction's authority.

Pursuant to the City's HCP Implementation Ordinance (Chapter 15.108 of the City's Municipal Code), the 2018 Project is exempt from payment of HCP fees since the project sponsor has vested rights under the existing Development Agreement between the project applicant and the City. Thus, no conflicts with the plan would occur, and no further analysis is required.

Applicable Mitigation Measures from the 2004 Vista Del Mar EIR

None.

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.11 Mineral Resources *Would the project:*				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☒	☐
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☒	☐

Environmental Evaluation

Would the 2018 Project:

a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

Less than significant impact. The 2004 EIR evaluated this issue and determined that the area has not been designated by the State or the City as a significant mineral resource area. Therefore, the City concluded that there would be a less than significant impact, and no further analysis was required.

The 2018 Project is to be developed in the same general footprint as was previously evaluated. The California State Mining and Geology Board designates the project site as MRZ-1, an area where adequate information indicates that no significant mineral deposits are present or where it is judged that little likelihood exists for their presence. Therefore, similar to the conclusions in the 2004 EIR, the 2018 Project would not result in the loss of a mineral resource of Statewide importance, and impacts would be less than significant. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

Less than significant impact. The 2004 EIR evaluated this issue and determined that the area has not been designated by the State or the City as a significant mineral resource area. Therefore, the City concluded that there would be a less than significant impact, and no further analysis was required.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. Therefore, similar to the conclusions in the 2004 EIR, the General Plan states that there are currently no significant deposits or active mining operations within the City of Pittsburg, and impacts would be less than significant. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

Mitigation Measures

None.

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.12 Noise *Would the project result in:*				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☒	☐	☐	☐
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☐	☒
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	☒	☐	☐	☐
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	☒	☐	☐	☐
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

Environmental Evaluation

Would the 2018 Project result in:

a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Potentially significant impact. The 2004 EIR analysis evaluated potential noise impacts for housing located within 300 to 400 feet of SR 4, and along the edge of West Leland Road. The 2004 FEIR found that exterior noise levels at these future homes would exceed the "normally acceptable" noise level guideline established by the City for residential development, thereby resulting in potentially significant impacts. The 2004 EIR determined that the implementation of Mitigation Measures 14-1(a), (b), and (c), which require the preparation of an acoustical study to identify specific site design measures and the location for a soundwall along West Leland Road, would reduce noise levels to

within the normally acceptable range. Therefore, the City concluded that, with the implementation of mitigation, impacts would be reduced to a less than significant level.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. As required by Mitigation Measures 14(a), (b), and (c), an acoustical analysis will be presented in the EIR to confirm potential future noise levels and to identify site design measures and the location for a sound wall along West Leland Road. Therefore, this topic will be studied in the Supplemental EIR, and the applicable mitigation measures listed below will be reviewed and refined, as needed, to reflect current standards and requirements.

b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?

No impact. The initial study prepared for the 2004 EIR concluded that the project would not include uses, and there are no known existing sources, expected to produce excessive groundbourne vibration or groundbourne noise. Therefore, the project was determined to have no impact related to groundborne vibration or groundborne noise. Accordingly, no further analysis was provided in the 2004 EIR.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated in the 2004 EIR. Similar to the conclusions of the 2004 EIR, the project would result in no impact related to groundbourne vibration or noise. No further analysis is required.

c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

Potentially significant impact. The 2004 EIR evaluated this issue and determined that the proposed water pump station facilities, to be located south of West Leland Road, adjacent to the PG&E transmission line easement, could result in a 3 A-weighted decibel (dBA) or more periodic increase in ambient noise levels at the adjoining residential property line. This was determined to be a potentially significant impact. The 2004 EIR concluded that implementation of 2004 EIR Mitigation Measure 14-2 would reduce impacts related to operation of the water pump station to less than significant.

The 2004 EIR also determined that implementation of the Vista Del Mar development would result in traffic noise increases along roadway segments in the project vicinity of between 1 dBA and 2 dBA. The City concluded that such increases would not cause a significant noise impact and no mitigation was required.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. As noted above, the water pump station identified in the 2004 EIR is located south of West Leland Road and is therefore not part of the 2018 project. Although the 2004 EIR concluded that increases related to traffic noise would not result in a significant increase in ambient noise levels, the effects of traffic noise from the 2018 Project will be studied in the Supplemental EIR to confirm whether a substantial increase would occur based on

current traffic volumes. As part of the analysis the applicable mitigation measures listed below will be reviewed and refined, as needed, to reflect current standards and requirements.

d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

Potentially significant impact. The 2004 EIR evaluated this issue and determined that construction activity on the Vista Del Mar development area would increase noise levels at the adjacent Oak Hills and San Marco developments in excess of 60 dBA. In addition, due to the phasing of the development, this impact was determined to be significant because significant temporary noise impacts would occur over an extended construction period that could last from six to 15 years. The 2004 EIR required compliance with the General Plan policy limiting construction hours to between 8:00 a.m. and 5:00 p.m. from Monday to Friday. In addition, 2004 EIR Mitigation Measure 14-3 would reduce temporary construction noise impacts to the maximum extent practicable. However, the City concluded that impacts would still be significant and unavoidable because of the length of the construction period.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. Similar to the conclusions in the 2004 EIR, the 2018 Project's construction activities would involve the use of heavy equipment that has the potential to expose surrounding receptors to substantial temporary increases in ambient noise levels in the plan area vicinity. This is a potentially significant impact and will be further studied in the Supplemental EIR, and the applicable mitigation measures listed below will be reviewed and refined, as needed, to reflect current standards and requirements.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

No impact. The 2004 EIR evaluated this issue and determined that the project site is not in the vicinity of public airport or airport land use plan. The topic was not studied further in the 2004 EIR.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. As discussed in the 2004 EIR, the project site is approximately 5.5 miles from Buchanan Field, the nearest airport. This distance makes it unlikely that the project would expose persons residing or working in the project vicinity to excessive noise levels. No impact would occur. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

No impact. The 2004 EIR evaluated this issue and determined that the project site is not in the vicinity of a private airstrip. The topic was not studied further in the 2004 EIR.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. As discussed in the 2004 EIR, there are no private airstrips in the project vicinity, making it unlikely that the project would expose persons residing or working in the project vicinity to excessive noise levels. No impact would occur. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

Applicable Mitigation Measures from the 2004 Vista Del Mar EIR

The following mitigation measures from the 2004 EIR will be re-evaluated as part of the noise study being prepared to support the Supplemental EIR:

Mitigation 14-1. (a) Acoustical Study: Conduct an acoustical study in accordance with state Title 24 requirements that identifies to City satisfaction the noise insulation and other features to be included in the design of the project residential structures in the vicinity of Highway 4 and along West Leland Road sufficient to maintain interior noise levels at or below City and State standards (45 L_{dn}).

(b) Site Design Measures. Design common outdoor use areas in the residential portions of the project to maintain exterior noise levels to "normally acceptable" levels. These areas shall be situated away from predominant noise sources or should be shielded by natural or created topographical features, barriers, or the buildings themselves.

(c) Noise Barrier. Construct a noise barrier for residences proposed adjacent to West Leland Road. The noise barrier should extend approximately five to ten feet above the pad elevations to reduce traffic-generated noise levels to 60 dBA L_{dn}. The barrier shall take the form of a wall, berm, and/or structures that shield the outdoor use areas of the first row of residences north and south of West Leland Road.

Mitigation 14-3. Reduce project construction period noise impacts on nearby residences by incorporating conditions in project construction agreements that, in addition to the applicable construction schedule requirements of the City of Pittsburg General Plan (limit noise-generating construction activities adjacent to existing developments to normal business hours between 8:00 AM and 5:00 PM), and the City's Standard Conditions of Approval regarding construction logistics, stipulate the following conventional construction period noise abatement measures:

- Construction Equipment Mufflers and Maintenance. Properly muffle and maintain all construction equipment powered by internal combustion engines.
- Idling Prohibitions. Prohibit unnecessary idling of internal combustion engines.
- Equipment Location and Shielding. Locate all stationary noise-generating construction equipment such as air compressors as far as practical from the existing nearby school and residences.

- Quiet Equipment Selection. Select quiet construction equipment, particularly air compressors, whenever possible. (Fit motorized equipment with proper mufflers in good working order.)
- Noise Disturbance Coordinator. Designate a "noise disturbance coordinator" (e.g., a City staff member) who would be responsible for responding to any local complaints about construction noise. The disturbance coordinator would determine the cause of the noise complaint (e.g., starting too early, bad muffler, etc.) and institute reasonable measures warranted to correct the problem. Conspicuously post a telephone number for the disturbance coordinator at the construction site.
- Truck Routes. Route all construction traffic to and from the project site via designated truck routes where practical. Prohibit construction-related heavy truck traffic in residential areas where feasible.

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.13 Population and Housing *Would the project:*				
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☒	☐
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

Environmental Evaluation

Would the 2018 Project:

a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

Less than significant impact. The 2004 EIR previously identified a 32.1-acre RH-D (High Density Residential) District area and provided for development of 563 residential units with an overall residential density of 17.53 units per acre, as well as 257,500 square feet of commercial floor area. The 2008 Addendum analyzed the reduced development of 478 units in the project area for an overall density of 15.10 units per acre, and 221,500 square feet of commercial floor area; the City ultimately approved 560 units with a density of 17.70 units per acre, in addition to the 221,500 square feet of commercial floor area. Using persons per household size rates used in the 2001 General Plan EIR, the 2004 EIR found that the residential portion of the project would result in an estimated total project population of approximately 3,202 persons, fewer than what was analyzed in the 2001 General Plan EIR. Thus, it was determined the project would not be expected to induce substantial growth in the area beyond what is already anticipated in the General Plan, and would result in a less than significant impact.

The 2018 Project includes a total of 214 fewer housing units and a lower overall residential density compared to the 2009 approval, for a total of 356 housing units (including 10 accessory dwelling units) on approximately 25.93 acres. Using the City of Pittsburg's average household size of 3.38 persons, the 356 residential units proposed by 2018 Project would add an estimated 1,204 persons

to the City's population; this is 699 fewer persons than the 1,903 new residents that would have been generated by the 563 units proposed under the original project evaluated in 2004. Similar to the conclusions in the 2004 EIR, this increase of approximately 1.6 percent (relative to the 2018 population estimate of 72,647) would not be expected to induce substantial growth in the area beyond what is already anticipated in the General Plan EIR. For these reasons, similar to the conclusions in the 2004 EIR, direct population growth induced by the 2018 Project would be considered less than significant.

The 2018 Project also includes up to 12 acres with an estimated 140,000 square feet of commercial space. Using a standard employment rate of one employee per 500 square feet of commercial space, the project would result in approximately 280 employees, 235 fewer employees than what have been generated under the original project evaluated in 2004 (using the same standard of one employee per 500 square feet of commercial space), and 364 fewer employees than analyzed in the 2004 EIR. Similar to the conclusions in the 2004 EIR, the California Employment Development Department indicates that the Contra Costa County workforce consists of approximately 571,900 persons. Thus, there is existing adequate local labor to fill the 2018 Project's new employment opportunities such that growth inducement would not occur.

Lastly, the project site is within the Pittsburg City limits and surrounded by urban infrastructure. As such, the development of the 2018 Project would not constitute the removal of a physical barrier to growth. Therefore, impacts would be less than significant. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?

No impact. The 2004 EIR evaluated this issue and determined that the project site contained two houses that were occupied by the former owners and their family. While these two homes would need to be demolished, the development would result in a net increase of 1,098 dwelling units and as such, impacts would be less than significant.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. As discussed in the 2004 EIR, the project site north of West Leland Road does not contain existing housing units. This eliminates the possibility of the displacement of existing housing. No impact would occur. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

No impact. The 2004 EIR evaluated this issue and determined that the project site contained two houses, which would need to be demolished, that were occupied by the former owners and their family. However, the development would result in a net increase of 1,098 dwelling units and would add substantially more units than would be demolished. As such, the City concluded that impacts would be less than significant.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. As discussed in the 2004 EIR, the project site north of West Leland Road does not contain existing housing units. This eliminates the possibility of the displacement of existing housing. No impact would occur. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

Mitigation Measures

None.

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.14 Public Services *Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:*				
a) Fire protection?	☐	☒	☐	☐
b) Police protection?	☐	☒	☐	☐
c) Schools?	☐	☐	☒	☐
d) Parks?	☐	☒	☐	☐
e) Other public facilities?	☐	☐	☒	☐

Environmental Evaluation

Would the 2018 Project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

a) Fire protection?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 EIR evaluated this issue and determined that the project would increase demand for fire protection and emergency medical services provided by the Contra Costa County Fire Protection District (CCCFPD). The 2004 EIR included Mitigation Measure 8-6, which required Fire Protection District review of proposed road design and emergency access provisions. The 2004 EIR concluded that implementation of Mitigation Measure 8-6 would reduce impacts to less than significant. The residual portions of those mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of this section.

The 2018 Project would be served with fire protection by CCCFPD and the nearest station (Station No. 87) is located approximately 1.75 miles to the east of the project site. According to the General Plan, the fire response time goal is 5 minutes; using an average travel speed of 35 miles per hour, a fire engine would be able to reach the project site in approximately 2 minutes and 14 seconds, which would be within the 5-minute response time goal. Additionally, all new construction on the project site would be required to meet applicable California Fire Code and local requirements for emergency access, and the 2018 Project would be required to annex into the Fire Facilities and Fire Safety and

Emergency Services Community Facilities District (CFD 2017-1), which helps fund ongoing fire and fire safety infrastructure needs.

CCCFPD has reviewed the proposed 2018 Project site plan and has provided comments to ensure that the plan meets the District's requirements. For these reasons, similar to the conclusions in the 2004 EIR, the 2018 Project would not directly result in a need to construct new or expanded fire protection facilities. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Implementation of the relevant 2004 EIR mitigation measures would ensure the impacts are less than significant. No further analysis is required.

b) Police protection?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 EIR evaluated this issue and determined that the project would increase demand for police services but would not result in a need for new or expanded police facilities. However, the 2004 EIR determined that project-related traffic would create congestion on West Leland Road, possibly delaying emergency response and limiting the Police Department's ability to evacuate the development area safely during an emergency or major disaster (Impact 8-5). The City concluded that this potential impact would be reduced to less than significant with implementation of 2004 EIR Mitigation Measure 8-5, which required Pittsburg Police Department review of proposed emergency access provisions to ensure their adequacy, as well as implementation of any improvements identified within mitigation measures related to traffic and transportation. The residual portions of those mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of this section.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated; however, there would be more than 200 fewer residential units and less overall commercial square footage than previously evaluated. As discussed in the 2004 EIR, the Pittsburg Police Department would provide law enforcement services to the project site. The 2018 Project would include design features, such as exterior lighting along internal streets and buildings, that would be intended to deter and prevent crime.

General Plan Policy 10-P-39 states the City will strive to maintain a ratio of 1.8 sworn police officers per 1,000 residents. Currently, the City employs 85 sworn personnel serving a population of approximately 72,647 (California Department of Finance), for a ratio of approximately 1.17 sworn officers for each 1,000 residents. The proposed project would add 356 residential units, resulting in approximately 1,204 new residents to the City, significantly less than the potential 1,903 which may have resulted from the 563 units planned for in the 2004 EIR. The 1,204 new residents would represent a less than two percent increase in population, and result in a ratio of 1.15 police officers per 1,000 residents, which is a less than significant change. However, the 2018 Project would be required to annex into the Public Safety Services Community Facilities District (CFD 2005-1), which helps fund ongoing public safety and Police coverage needs.

The 2004 EIR included Mitigation Measure 8-5, which required Pittsburg Police Department review of proposed emergency access provisions, would reduce potential impacts to less than significant

levels. The Pittsburg Police Department has reviewed the proposed site plan and has provided comments as necessary to ensure that the plan meets the Department's requirements. For these reasons, similar to the conclusions in the 2004 EIR, the 2018 Project would not directly result in a need to construct new or expanded police facilities. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Implementation of the relevant 2004 EIR mitigation measures as well as any applicable traffic and transportation mitigation measures identified within the supplemental EIR would ensure the impacts are less than significant. No further analysis is required.

c) Schools?

Less than significant impact. The 2004 EIR evaluated this issue and determined that payment of school impact fees would fully mitigate any potential impacts and impacts would be less than significant.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated; however, there would be fewer residential units and less overall commercial square footage than previously evaluated. As discussed in the 2004 EIR, the MDUSD provides public education services in the western portion of the City of Pittsburg, including the project site. The 2018 Project would increase K-12 enrollment as compared to existing conditions, although there would be fewer school-age children generated due to the reduction in overall residential units. Further, payment of applicable school impacts fees in accordance with Government Code 65995 would serve as 'full and complete' mitigation.

For these reasons, similar to the conclusions in the 2004 EIR, the 2018 Project would not directly result in a need to construct new or expanded school facilities. Moreover, as noted in the project history section, the Vista Del Mar Development Agreement has resulted in the acquisition an 11.33-acre school site by MDUSD within the Vista Del Mar subdivision, less than a quarter mile from the project site, which would provide additional classroom space. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Impacts would be less than significant. No further analysis is required.

d) Parks?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 EIR evaluated this issue and determined that creation of park dedication and/or payment of a park in lieu fee as discussed in Mitigation Measure 8-8 would fully mitigate any potential effects. The 2004 EIR included mitigation to address the above-referenced potentially significant impacts, and the residual portions of those mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of this section.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated; however, there would be fewer residential units and less

overall commercial square footage than previously evaluated. The 2018 Project would add up to 1,204 new residents to the City of Pittsburg's population as compared to existing conditions, which would increase demand for parks facilities. However, this is 699 fewer people than the original project evaluated in the 2004 EIR due to the overall reduction in residential units. Further, there are several parks located within the vicinity of the project site, including Ray Giacommelli Park (0.25 mile), Oak Hills Park (0.5 mile) and Larry Lasater Park (0.75 mile). The 2018 Project would provide approximately 2.18 acres of private recreational space, as well as contribute parkland dedication in lieu fees to fund future capital improvements to public park and recreational facilities, in accordance with Mitigation Measure 8-8 of the 2004 EIR and the executed Vista Del Mar Development Agreement. For these reasons, similar to the conclusions in the 2004 EIR, the 2018 Project would not directly result in a need to construct new or expanded park facilities. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Implementation of the relevant 2004 EIR mitigation measures would ensure the impacts are less than significant. No further analysis is required.

e) Other public facilities?

Less than significant impact. The 2004 EIR did not specifically evaluate whether development would result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, triggering the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for other public facilities. While the initial study called out the need for further review, it focused on water, sewer, and solid waste, and did not identify other facilities such as libraries in the analysis.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated; however, there would be fewer residential units and less overall commercial square footage than previously evaluated. The 2018 Project proposed project would add up to 1,204 new residents to the City of Pittsburg's population as compared to existing conditions, which would increase demand for other public facilities such as libraries; however, this is 699 fewer people than the original project evaluated in the 2004 EIR due to the decrease in overall residential unit count. Moreover, the Bay Point and Pittsburg libraries are the two closest facilities to the project site and meet industry standards for adequacy. For these reasons, similar to the conclusions in the 2004 EIR, the 2018 Project would not directly result in a need to construct new or expanded public facilities. Impacts would be less than significant. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

Applicable Mitigation Measures from the 2004 Vista Del Mar EIR

Mitigation 8-5. Implement mitigation measures identified in chapter 7, Traffic and Circulation, of this EIR to reduce the impacts on project-related traffic on West Leland Road and other local roads. In addition, require Police Department review and approval of

project-proposed emergency access provisions prior to Tentative Subdivision Map approval. Implementation of these measures would reduce project impacts on emergency response and evacuation to a *less-than-significant level.*

Mitigation 8-6. As a condition of Tentative Subdivision Map approval, require (a) CCCFPD review and approval of the proposed Tentative Subdivision Map, (b) demonstration by the applicant that the project complies with all applicable City and CCCFPD road design and emergency access standards, and (c) installation of necessary access roads for each project phase, as determined by the CCCFPD, prior to building construction. Implementation of these measures would reduce this impact to a *less-than-significant level.*

Mitigation 8-8. To the satisfaction of the City, require the project applicant to comply with the park dedication requirements of chapter 17.32 of the City's Municipal Code.

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.15 Recreation				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☒	☐	☐
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?	☐	☐	☒	☐

Environmental Evaluation

a) Would the 2018 Project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

Less than significant impact applicable 2004 mitigation incorporated. The 2004 EIR evaluated this issue and determined that the project could generate increased use of existing parks and City recreational facilities, such that substantial deterioration of facilities would occur or be accelerated. The City concluded that this potential impact associated with the development would be reduced to less than significant with implementation of 2004 FEIR Mitigation Measure 8-8, which requires compliance with Chapter 17.32 of the Pittsburg Municipal Code (PMC), including the provision of additional parklands or payment of an in lieu fee. The residual portions of this mitigation that remain applicable to the 2018 Project are shown in **bold type** at the end of this section.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated; however, there would be fewer residential units and less overall commercial square footage than previously evaluated. The 2018 Project would add up to 1,204 new residents to the City of Pittsburg's population as compared to existing conditions, which would increase demand for parks facilities. However, this would be 699 fewer people as compared to the original project evaluated in the 2004 EIR. Moreover, there are several parks located within the vicinity of the project site, including Ray Giacommelli Park (0.25 mile), Oak Hills Park (0.5 mile) and Larry Lasater Park (0.75 mile).

In accordance with Mitigation Measure 8-8 of the 2004 EIR, the 2018 Project would provide approximately 2.18 acres of private recreational space and would contribute parkland dedication in lieu of fees to fund future capital improvements to public park and recreational facilities. For these reasons, similar to the conclusions in the 2004 EIR, the 2018 Project would not directly result in a

need to construct new or expanded park facilities. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Implementation of the relevant 2004 EIR mitigation measures would ensure the impacts are less than significant. No further analysis is required.

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

Less than significant impact. The 2004 EIR evaluated this issue and determined that development of the project would include recreational facilities or require the expansion of recreational facilities, and concluded that, because the development would be required to comply with PMC Chapter 17.32, requiring the provision of sufficient parkland acreage or payment of an in lieu fee, further expansion of facilities would not be triggered. For this reason, the City concluded that the development impact would be less than significant.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated; however, there would be fewer residential units and less overall commercial square footage than previously evaluated. The 2018 Project would provide approximately 2.18 acres of private recreational space, with any physical environmental impacts that would occur as a result of constructing these facilities being evaluated in this CEQA document. For these reasons, similar to the conditions in the 2004 EIR, the 2018 Project would not directly result in a need to construct new or expanded park facilities off-site. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Impacts would be less than significant. No further analysis is required.

Applicable Mitigation Measures from the 2004 Vista Del Mar EIR

Mitigation 8-8. To the satisfaction of the City, require the project applicant to comply with the park dedication requirements of chapter 17.32 of the City's Municipal Code.

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.16 Transportation/Traffic *Would the project:*				
a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	☒	☐	☐	☐
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	☒	☐	☐	☐
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	☐	☐	☐	☒
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☒	☐	☐	☐
e) Result in inadequate emergency access?	☒	☐	☐	☐
f) Result in inadequate parking capacity?	☐	☐	☒	☐
g) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	☒	☐	☐	☐

Environmental Evaluation

Would the 2018 Project:

a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?

Potentially significant impact. The 2004 EIR evaluated this issue and determined that the Vista Del Mar development could be expected to generate a substantial increase in daily and peak-hour vehicular trips. The 2004 EIR concluded that implementation of the project would result in potentially significant impacts to several intersections under the Baseline, Baseline Plus Project, Cumulative, and Cumulative Plus Project Conditions scenarios. The 2004 EIR determined that implementation of Mitigation Measures 7-1 to 7-7 would reduce these impacts, but they would remain significant and unavoidable for impacts related to local applicable measures of performance.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated; however, traffic volumes in the project vicinity have changed since 2004 and this changed circumstance requires an updated analysis. The 2018 Project would generate new AM and PM peak-hour trips that would travel on local roadways and could result in the deterioration of the performance of these facilities such that they do not meet the measures of effectiveness established by the agency with jurisdiction. This is a potentially significant issue that will be further studied in the Supplemental EIR, and the applicable mitigation measures listed below will be reviewed and refined, as needed, to reflect current standards and requirements.

b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?

Potentially significant impact. The 2004 EIR evaluated this issue and determined that the Vista Del Mar development would be expected to generate a substantial increase in daily and peak-hour vehicular trips, which would result in potentially significant impacts to several intersections under the Baseline, Baseline Plus Project, Cumulative, and Cumulative Plus Project Conditions scenarios. The 2004 EIR determined that implementation of Mitigation Measures 7-1 to 7-7 would reduce these impacts. However, the City concluded that significant and unavoidable impacts would still occur because implementation must be completed by other jurisdictions outside the control of the City.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated; however, traffic volumes in the project vicinity have changed since 2004 and this changed circumstance requires an updated analysis. The 2018 Project would generate new AM and PM peak-hour trips that would travel on local roadways and could result in the deterioration of the performance of these facilities such that they do not meet the measures of effectiveness established by the agency with jurisdiction. This is a potentially significant issue that

will be further studied in the Supplemental EIR, and the applicable mitigation measures listed below will be reviewed and refined, as needed, to reflect current standards and requirements.

c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that result in substantial safety risks?

No impact. The initial study prepared for the 2004 EIR evaluated this issue and determined that the project is not expected to result in a change in air traffic patterns. The topic was not studied further in the 2004 EIR.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. As discussed in the 2004 EIR, the project site is approximately 5.5 miles from Buchanan Field, the nearest airport. This distance makes it unlikely that the 2018 Project would alter air traffic patterns. No impact would occur. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Potentially significant impact. The 2004 EIR evaluated this issue and determined that the project site plan did not provide detailed circulation information for the area north of West Leland Road, and therefore on-site circulation for this area could not be effectively analyzed.

The 2018 Project would develop an internal roadway network that would connect to West Leland Road at two locations. The revised internal roadway network would be evaluated to determine if meets acceptable standards for safety. This is a potentially significant issue that will be further studied in the Supplemental EIR, and the applicable mitigation measures listed below will be reviewed and refined, as needed, to reflect current standards and requirements.

e) Result in inadequate emergency access?

Potentially significant impact. The 2004 EIR evaluated this issue and determined that access relates to levels of service operation of intersections, roadway segments and on-site circulation, and is therefore tied to the implementation of transportation improvements required by Mitigation Measures 7-1 through 7-7. Implementation of the mitigation measures would ensure adequate circulation and access to the site. However, the City concluded that related impacts would remain significant and unavoidable until such time as the improvements are constructed and operational.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. The project site is located in an urbanized portion of the City of Pittsburg that is served with adequate emergency response times. Similar to the conclusions in the 2004 EIR, the 2018 Project would be accessed from two points on West Leland Road, as well as an additional emergency vehicle access (EVA) point. This is a potentially significant issue that will be

further studied in the Supplemental EIR, and the applicable mitigation measures listed below will be reviewed and refined, as needed, to reflect current standards and requirements.

f) Result in inadequate parking capacity?

Less than significant impact. The initial study prepared for the 2004 EIR determined that the residential, commercial, school, and park development proposed by the project would be required to comply with standard City of Pittsburg parking requirements and would therefore be expected to adequately serve the proposed uses.

The 2018 project provide a minimum of two off-street parking spaces for each single-family home, as well as additional on-street parking. The proposed accessory dwelling units are located within one-half mile of a transit facility, and thus are not required to provide additional off-street parking, in accordance with state law. The proposed commercial portion of the project does not provide detail on the proposed number or location of off-street parking spaces, but will be required to comply with City of Pittsburg parking requirements as part of future required approvals. As such, adequate parking would be provided, and impacts would be less than significant. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

g) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?

Potentially significant impact. The 2004 EIR evaluated this issue and recommended that the project site have direct access to West Leland Road and that direct pedestrian access be provided to the Pittsburg/Bay Point BART station. In addition, the 2004 EIR noted that the Vista Del Mar development required pedestrian and bicycle routes along public streets and within the proposed linear park system. The development could increase traffic at the Pittsburg/Bay Point BART Station parking lot. The 2004 EIR determined that implementation Mitigation Measure 7-8, which requires provision of bus turnouts and transit amenities along the project frontage, would reduce the impact. However, the City concluded that related impacts would remain significant and unavoidable, as these improvements would not completely mitigate the impact.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. Similar to the 2004 project, the 2018 Project would develop new residential and commercial uses that would increase use of public transit, bicycle, and pedestrian modes of transportation. The 2018 Project would install bicycle and pedestrian facilities include a Class I multi-use path along West Leland Road. The potential effects of the project on public transit, and on pedestrian and bicycle facilities will be further studied in the Supplemental EIR, and the applicable mitigation measures listed below will be reviewed and refined, as needed, to reflect current standards and requirements.

Mitigation Measures from the 2004 Vista Del Mar EIR

The following mitigation measures from the 2004 EIR will be re-evaluated as part of the transportation study being prepared in connection with the Supplemental EIR:

Mitigation 7-1. The project applicants shall contribute their fair share to the needed improvements at the Willow Pass Road/San Marco Boulevard/SR 4 Eastbound Ramps intersection, which include the following:

- Re striping of the southbound approach to reduce the lane configuration to one through lane, which creates an opportunity for a free right turn lane at the eastbound off ramp; and
- Creation of a free right turn lane on the eastbound off ramp, in addition to two dedicated left turn lanes, for a total of three approach lanes on the off ramp.

The additional eastbound lane may require acquisition of right of way and the design would require approval from Caltrans. These improvements are not included in the current list of improvements to be funded by the existing City and East County traffic mitigation fee programs. The City/applicant development agreement proposed as part of this project shall include a combination of City (Traffic Mitigation Fee Program) and developer commitments that ensure that this improvement will be fully funded prior to issuance of any certificate of occupancy for any residential or commercial office space within the project.

Mitigation 7-2. In order to achieve an acceptable LOS at this intersection under future General Plan based cumulative conditions, the following improvements would be necessary:

- Create a westbound shared through/right turn lane on West Leland Road;
- Create a second eastbound left-turn lane on West Leland Road;
- Create a second eastbound through lane on West Leland Road; and
- Create an exclusive eastbound right-turn lane on West Leland Road.

However, the creation of such additional capacity on the eastbound approach to this intersection would require substantial acquisition of additional right-of-way on land that has already been developed, which is not considered to be feasible given current constraints.

Alternatively, the morning (AM) peak hour operations at this intersection could be improved by adding a second eastbound left turn lane and right turn lane on West Leland Road, either or both of which might be physically feasible. Either or both of these measures shall be required if feasible. However, with either or both of these improvements, the intersection would still operate at LOS F during both the AM and PM peak hour; so this measure would not reduce this impact to a less than significant level. Therefore, this cumulative impact is considered significant and unavoidable. The project applicants shall pay their fair share contribution towards any of these improvements deemed feasible by the City.

Mitigation 7-3. The project applicants shall pay a traffic mitigation fee equal to their fair share of the improvements needed to adequately serve projected cumulative morning (AM) and evening (PM) peak hour traffic volumes at the Bailey Road/Concord Boulevard intersection in the City of Concord in an amount determined by the City of Pittsburg City Council in cooperation with the affected jurisdiction (the City of Concord and/or TRANSPLAN). These improvements include:

- construction of exclusive right-turn and left-turn lanes and a second through lane on the northbound approach;
- construction of two exclusive left-turn lanes on the southbound approach; and
- construction of a third through lane on both the eastbound and westbound approaches.

Mitigation 7-4. The project applicants shall contribute their fair share to the following needed improvements at the San Marco Boulevard/West Leland Road intersection:

- Convert the northbound shared through/right-turn lane to an exclusive right-turn lane; and
- Convert one of the northbound left-turn lanes to a northbound through lane.

Implementation of these improvements would involve changing the lane configuration at the intersection. Additional right-of-way acquisition would not be required. These improvements are not included in the current list of improvements to be funded by the existing City or East County traffic mitigation fee programs. The City/applicant development agreement proposed as part of this project shall include a combination of City (Traffic Mitigation Fee Program) and developer commitments that ensure that this improvement will be fully funded prior to issuance of any certificate of occupancy for any residential or commercial office space within the project.

Mitigation 7-5. The project applicants shall contribute their fair share to needed improvements at the Willow Pass Road/Avila Road intersection, as shown in Figure 7.9, that include configuring the intersection with two left-turn lanes and a right-turn lane on the westbound Avila Road approach, two left-turn lanes and a through lane on the southbound Willow Pass Road approach, and one right-turn lane and one through lane on the northbound Willow Pass Road approach. The City shall work with other affected jurisdictions to develop an interjurisdictional funding mechanism for these improvements. These improvements are not included in the current list of improvements to be funded by existing City or East County traffic impact fee programs. The City/applicant development agreement proposed as part of this project shall include a combination of City (Traffic Mitigation Fee Program), interjurisdictional (East County Subregional Impact Fee), and developer commitments that ensure that this improvement will be fully funded prior to

issuance of any certificate of occupancy for any residential or commercial office space within the project.

Mitigation 7-6. The project applicants shall pay a traffic mitigation fee equal to their fair share of the improvements needed to adequately serve projected cumulative morning (AM) and evening (PM) peak hour traffic volumes at the Bailey Road/Myrtle Drive intersection in Contra Costa County and the City of Concord. These improvements include:

- installation of a traffic signal;
- provision of a left-turn lane on the southbound Bailey Road approach; and
- widening of the westbound Myrtle Drive approach to provide an exclusive left-turn lane.

Mitigation 7-7. As described above, the project applicants shall contribute their fair share to all applicable development impact fee programs, including the East County Regional Impact Fee, which is designed to fund improvements to regional facilities including Highway 4. However, the segment of Highway 4 between Willow Pass Road (Pittsburg) and Willow Pass Road (Concord) was improved several years ago, and no further improvements are included in the Strategic Plan of the East Contra Costa Regional Fee and Finance Authority.

Mitigation 7-8. The project shall construct bus turnouts and related transit amenities along the project frontage on West Leland Road and on internal roadways as needed.

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.17 Utilities and Service Systems *Would the project:*				
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	☐	☐	☐	☒
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	☐	☒	☐	☐
c) Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	☐	☒	☐	☐
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	☐	☒	☒	☐
e) Result in a determination by the wastewater treatment provider, which serves or may serve the project, that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☒	☐	☐
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	☐	☐	☒	☐
g) Comply with federal, state, and local statutes and regulations related to solid waste?	☐	☐	☒	☐

Environmental Evaluation

Would the 2018 Project:

a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?

No impact. The initial study prepared for the 2004 EIR evaluated this issue and determined that the project is not expected to cause exceedances of RWQCB wastewater treatment requirements. The topic was not studied further in the 2004 EIR.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated; however, there would be fewer residential units and less overall commercial square footage than previously evaluated. Wastewater is treated by the Delta Diablo Sanitation District (Delta Diablo). The Delta Diablo Waste Discharge Requirements (Order No. R2-2003-0114, NPDES Permit No. 0038547) allow for treated effluent to be discharged into New York Slough through a deep-water outfall, approximately 400 feet from shore. Delta Diablo's wastewater treatment plant is currently capable of treating up to 16.5 million gallons per day (mgd) and is planned to have an ultimate treatment capacity of 22.7 mgd. Furthermore, the 2018 Project would be subject to Mitigation Measure 8-3 of the 2004 EIR, which requires signoff by Delta Diablo on the adequacy of the sewer treatment capacity prior to issuance of building permit. Therefore, the 2018 Project would not introduce new significant environmental impacts related to waste water treatment beyond those analyzed in the 2004 EIR. No further analysis is required.

b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 EIR evaluated this issue and determined that although Delta Diablo had sufficient capacity at that time, the extended timeline for build out of the Vista Del Mar project could result in less than sufficient capacity being available for later phases. Implementation of Mitigation Measure 8-3, which requires payment of appropriate fees as well as submittal of a sewage treatment adequacy evaluation, would ensure sufficient capacity. Therefore, the City concluded that impacts would be reduced to a less than significant level. The residual portions of this mitigation that remain applicable to the 2018 Project are shown in **bold type** at the end of this section.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. The 2018 Project would not produce any significant change in the anticipated volume of water demand or wastewater to be discharged as compared to what was previously analyzed in the 2004 EIR, and would therefore not require the construction of water or wastewater treatment facilities or expansion of existing facilities other than those that have been already implemented. Furthermore, the 2018 Project would be subject to Mitigation Measure 8-3 of the 2004 EIR, which requires signoff by Delta Diablo on the adequacy of the sewer treatment capacity prior to issuance of building permit. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Implementation of the relevant 2004 EIR mitigation measures would ensure the impacts are less than significant. No further analysis is required.

c) Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 EIR evaluated this issue and determined that construction of the Vista Del Mar development would create new impervious surfaces that could increase the rate of stormwater runoff. Peak flow rates could exceed the existing planned capacity of downstream drainage systems, resulting in potentially significant impacts. The 2004 EIR determined that implementation Mitigation Measure 9-1 and 9-2 would

ensure that the planned capacity of downstream drainage systems and culverts is not exceeded, and that flooding on- or off-site does not occur. The residual portions of those mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of section.

As discussed previously, the City of Pittsburg is a "Permittee" under the California Regional Water Quality Control Board for the San Francisco Bay Region's National Pollutant Discharge Elimination System (NPDES) Municipal Regional Stormwater Permit (MRP; NPDES Permit No. CAS612008), implemented through the Contra Costa Clean Water Program (CCCWP). Pursuant to *MRP Order No. R2-2015-0049*, "Attachment A: Fact Sheet," issued November 19, 2015, Provision C.3.b ("Regulated Projects"), regulated projects with previously approved non-low impact development (LID) stormwater treatment measures that comply with the hydraulic sizing criteria of Provision C.3.d that have begun construction will continue to be "grandfathered," or only required to comply with the Provision C.3 requirements in place at the time the project was originally approved (MSR, Attachment A, page A-34).

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. Similar to the conclusions in the 2004 EIR, the project site currently is undeveloped and mostly covered in pervious surfaces. Stormwater currently ponds on-site or sheet flows off-site. The 2018 Project would install an on-site storm drainage conveyance system in accordance with Mitigation Measures 9-1 and 9-2 of the 2004 EIR, as well as in compliance with applicable state and local laws and regulations, and would therefore ensure that the peak runoff volume is metered to prevent inundating downstream waterways. In compliance with the hydraulic sizing design criteria that the stormwater treatment systems installed for regulated projects identified within *MRP Order No. R2-2015-0049,* "Attachment A: Fact Sheet," Provision C.3.d, the 2018 Project proposes to raise the outfall by two feet to yield a total storage capacity to 6.2 acre-feet.

Collectively these features would improve existing drainage and ensure the 2018 Project would not require the construction of new or expanded downstream storm drainage facilities. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Implementation of the relevant 2004 EIR mitigation measures would ensure the impacts are less than significant. No further analysis is required.

d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 EIR evaluated this issue and determined that the City may not be able to meet projected demands in the latter years of a multi-year drought, resulting in a potentially significant impact. The 2004 EIR determined that implementation Mitigation Measure 8-1, which requires submittal of a water supply analysis, would ensure the availability of sufficient water supplies to serve the development. Therefore, the City concluded that impacts would be reduced to a less than significant level. The residual portions of this mitigation that remain applicable to the 2018 Project are shown in **bold type** at the end of this section.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. Similar to the conclusions in the 2004 EIR, the 2018 Project would be served with potable water service provided by the City of Pittsburg. The 2015 Urban Water Management Plan sets a baseline per capita water demand rate of 147 gallons per day. The 2018 Project would develop 356 dwelling units. Using the City of Pittsburg's 2018 persons per household estimate of 3.38 persons, the 2018 Project would add 1,204 residents, which is significantly fewer people than would have been generated by the original project evaluated in the 2004 EIR. Multiplying 1,204 people 147 gallons per day per person for residential use yields an estimated daily water consumption of 176,988 gallons. The proposed commercial uses would demand an estimated 1,200 gallons per day/acre. Multiplying the proposed 12 acres of commercial uses by 1,200 gallons/day/acre yields a daily water consumption of 14,400 gallons per day for the commercial uses. The total estimated water demand for the 2018 Project is therefore 191,388 gallons per day. On an annual basis, that equates to 215.4 acre-feet, which is approximately 478 acre feet less than would be required to serve the original project.

The 2015 Urban Water Management Plan indicates that total supply would increase from 18,330 acre-feet in 2020 to 21,117 acre-feet in 2040. The Urban Water Management Plan water supply projections account for planned growth within the Pittsburg City limits, including on the project site. Thus, the 2018 Project's annual water demand of approximately 215.4 acre-feet is accounted for in the Urban Water Management Plan and adequate long-term water supply exists. Furthermore, the 2018 Project would remain subject to Mitigation Measure 8-1 of the 2004 EIR, which requires preparation and submittal of a water supply analysis to confirm that sufficient water would be available to serve the 2018 Project needs, in addition to existing and planned future uses, during normal, single dry, and multiple dry years within a 20-year projection. Impacts would be less than significant. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. Implementation of the relevant 2004 EIR mitigation measures would ensure the impacts are less than significant. No further analysis is required.

e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

Less than significant impact with applicable 2004 mitigation incorporated. The 2004 EIR evaluated this issue and determined that sewage treatment demand associated with the Vista Del Mar development, combined with demand from development pending, approved, or under construction in the project vicinity and elsewhere in Pittsburg, may exceed the available treatment plant capacity. The 2004 EIR determined that implementation Mitigation Measure 8-3 and 8-4, which require payment of appropriate fees as well as submittal of a sewage treatment adequacy evaluation, would ensure sufficient capacity. Therefore, the City concluded that impacts would be reduced to a less than significant level. The residual portions of those mitigations that remain applicable to the 2018 Project are shown in **bold type** at the end of this section.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated. Because the 2018 Project proposed fewer residential units

and less commercial acreage, the 2018 Project would generate 67,047 gallons (0.067 mgd) of effluent on a daily basis for the residential and commercial uses combined, which is approximately 0.157 mgd less than the original project evaluated in the 2004 EIR.

Delta Diablo's wastewater treatment plant is currently capable of treating up to 16.5 million gallons per day. Thus, the addition of 67,047 gallons of wastewater would represent less than 1 percent of the available capacity. As such, similar to the conclusions in the 2004 EIR, the wastewater treatment plant would have adequate capacity to serve the project. Implementation of the relevant 2004 EIR mitigation measures would ensure the impacts are less than significant. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

Less than significant impact. The 2004 EIR evaluated this issue and determined that new development could generate demand for solid waste services and that the Potrero Hills Landfill had sufficient capacity to serve the solid waste demands of the project. The City concluded that compliance with General Plan policies and City ordinances applicable to recycling would ensure impacts are less than significant.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated; however, there would be fewer residential units and less overall commercial square footage than previously evaluated. Using a standard residential waste generation rate of 3,650 pounds per dwelling unit per year, the residential portion of the 2018 Project would generate 910 cubic yards annually. Using a commercial waste generation rate of 0.04 pounds per square foot per day, the commercial portion of the 2018 Project would generate 1,022 cubic yards of waste annually. The total waste generated by the 2018 Project would be approximately 1,932 cubic yards annually. This is 2,829,115 less pounds annually as compared to the original project evaluated in the 2004 EIR. Solid waste from Pittsburg is landfilled at the Keller Canyon Landfill, which has 63.4 million cubic yards of remaining capacity. Thus, the 2018 Project's annual waste generation would represent less than 0.1 percent of the remaining capacity. Impacts would be less than significant. Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

g) Comply with federal, State, and local statutes and regulations related to solid waste?

Less than significant impact. The 2004 EIR evaluated this issue and determined that that new development could generate demand for solid waste services, and the City concluded that compliance with General Plan policies and City ordinances applicable to recycling would ensure impacts are less than significant.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated; however, there would be fewer residential units and less overall commercial square footage than previously evaluated. Similar to the conclusions in the 2004 EIR, it would be served with curbside green waste and recyclable pick-up serve, thereby furthering applicable State and local policies associated with waste diversion and recycling. Impacts would be less than significant**.** Therefore, the 2018 Project would not introduce new significant environmental impacts or increase the severity of any previously identified significant environmental impacts beyond those analyzed in the 2004 EIR. No further analysis is required.

Mitigation Measures from the 2004 Vista Del Mar EIR

Mitigation 8-1. As required by State SB 221, prior to City approval of a final map for the proposed project, the City of Pittsburg Community Development Department shall undertake a subsequent water supply analysis, which shall describe the citywide water supply situation at that future time (including valid water rights, infrastructure financing, permits, and approvals), including the status of (i.e., City progress on) current City studies and plans for expanding its reclaimed water program and conservation efforts and finding opportunities for future short-term water purchases. As required by SB 221, no final map shall be approved for the project until the City concludes, based on a written verification prepared in compliance with SB 221 and on the availability of other water supplies, as demonstrated by substantial evidence in the record, that sufficient water will be available to serve the proposed project needs, in addition to existing and planned future uses, during normal, single dry, and multiple dry years within a 20-year projection.

The project applicant shall also be required to comply with all applicable current and future City of Pittsburg water demand performance standards, including standards included in the City of Pittsburg Urban Water Management Plan, the City's reclaimed water project, and the City's water conservation program.

Mitigation 8-3. As a condition of Tentative Subdivision Map approval, the applicant shall: (1) comply with applicable per-unit conveyance system fees levied by DDSD, and (2) demonstrate to the satisfaction of the DDSD and the City Engineer that DDSD sewage treatment capacity will be adequate to serve the development. This requirement shall be met through preparation of a sewage treatment adequacy evaluation in coordination with and to the satisfaction of the City Engineer. No project development requiring sewage treatment service beyond the 1,218-ERU total anticipated by the DDSD shall be allowed until adequate sewage treatment capacity is demonstrated as required by this mitigation measure.

Mitigation 8-4. Implement *Mitigation 8-3* above. Implementation of this measure would reduce the project's contribution to cumulative sewage treatment capacity impacts to a *less-than-significant level.*

Mitigation 9-1. **Provide an onsite storm water detention facility and maintenance program sufficient to permanently reduce peak rates of runoff into the east highway culvert, in accordance with adopted design and maintenance criteria (see details below), and subject to the approval of Caltrans, the CCCFCWCD, and the City Engineer. The project east highway culvert detention basin and all discharge structures shall be dedicated to a maintenance assessment district, in which future project property owners would be responsible for the facility's long-term maintenance.**

Mitigation 9-2. The existing rate and volume of storm water discharges from the project site shall not be increased until the proposed downstream drainage improvements on Lines B and B-1 have been completed and it has been confirmed that project-related discharges would not worsen either the extent or duration of downstream flooding. The applicant shall prepare a hydrology study that (a) confirms that the proposed new culverts to be installed downstream of Highway 4 would have sufficient capacity to accommodate post-development flows from the project site in addition to existing and future flows from the surrounding neighborhoods, and (b) identifies which, if any, existing Line B and B-1 segments located farther downstream might also need upgrades to accommodate higher flow rates and/or alternatively, what interim or permanent increase in onsite detention storage volume should be provided to lower the rate of discharge during all storms to a level that does not cause new or more widespread flooding within neighborhoods located north of Highway 4. **The developer would then be responsible for design and construction of all improvements within the appropriate any modifications required to also increase the volume of onsite detention storage), as may be identified by CCCFCWCD, based on their review of the hydrology report.**

The applicant shall also pay all applicable drainage fees, as determined by the CCCFCWCD (see details below). The project's Area 48B drainage fees would be used to fund construction of the proposed downstream drainage improvements. If the fees are not sufficient to cover the cost of these improvements, all additional costs would be paid by the applicant under the terms of a development agreement with the CCCFCWCD. This agreement would provide for repayment of these extra costs as additional fees are collected on future development projects, under the terms of the Flood Control District's reimbursement policy.

Environmental Issues	Potentially Significant Impact (or Found to be Potentially Significant in the 2004 EIR)	Less than Significant Impact with applicable 2004 EIR Mitigation Incorporated	Less than Significant Impact	No Impact
2.18 Mandatory Findings of Significance				
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	☒	☐	☐	☐
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☒	☐	☐	☐
c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☒	☐	☐

Environmental Evaluation

a) Does the 2018 Project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?

Potentially significant impact. The 2004 EIR evaluated this issue and determined that the project could have potential impacts to sensitive species and their habitats, but that implementation of project-specific mitigation 11-1 through 11-11 would reduce potential cumulative impacts to a less than significant level. The projects potential impacts to historic resources and archaeological resources would be mitigated to a less than significant level through implementation of mitigation measures 12-1 and 12-2.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated; however, there would be fewer residential units and less overall commercial square footage than previously evaluated. The 2018 Project may result in several

impacts associated with biological resources, which will be studied further in the Supplemental EIR. Potential impacts to cultural resources would be reduced to a less than significant level through the implementation of Mitigation Measures 12-1 and 12-2 of the 2004 Vista Del Mar EIR, which remain applicable to the 2018 Project.

b) Does the 2018 Project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

Potentially significant impact. The 2004 EIR evaluated this issue and determined that the project could have potentially significant cumulative impacts to sensitive species and their habitats (impact 11-12), but that implementation of project-specific mitigation 11-1 through 11-11 would reduce potential cumulative impacts to a less than significant level. Similarly, potentially cumulative impacts related city parks and recreation would be mitigated to a less than significant level through the implementation of mitigation measure 8-8, which requires compliance with park dedication requirements or payment of an in-lieu fee. Potentially cumulative impacts to air quality would be addressed through implementation of mitigation measure 15-2, which requires future commercial uses to impellent measure to encourage alternative transportation modes to reduce air emissions, but residual impacts would remain significant and unavoidable after implementation. Similarly, cumulative impacts to traffic would be addressed through implementation of mitigation measure 7-3 through 7-7, which require payment of fair share fees, but residual impacts would remain significant and unavoidable after implementation.

The 2018 Project involves the same general types of land uses, to be developed in the same general footprint as was previously evaluated; however, there would be fewer residential units and less overall commercial square footage than previously evaluated. The 2018 Project may result in cumulative impacts related to air quality, biology, and traffic, which will be studied further in the Supplemental EIR. All cumulative impacts related to other topical areas are either less than significant after mitigation or less than significant and do not require mitigation, as documented in the 2004 EIR. Therefore, the proposed project would not result in cumulatively considerable impacts on these areas.

c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?

Less than significant impact. Aside from the topical areas identified for further study in the EIR, the remaining impacts identified in this initial study are either less than significant after applicable mitigation from the 2004 EIR is incorporated, or less than significant and do not require mitigation. Therefore, the 2018 Project would not result in environmental effects that cause substantial adverse effects on human beings either directly or indirectly. Impacts would be less than significant**.** No further analysis is required.

SECTION 3: REFERENCES

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Appendix A:
Cultural Resources Supporting Information

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A.1 - Non Confidential NWIC Results

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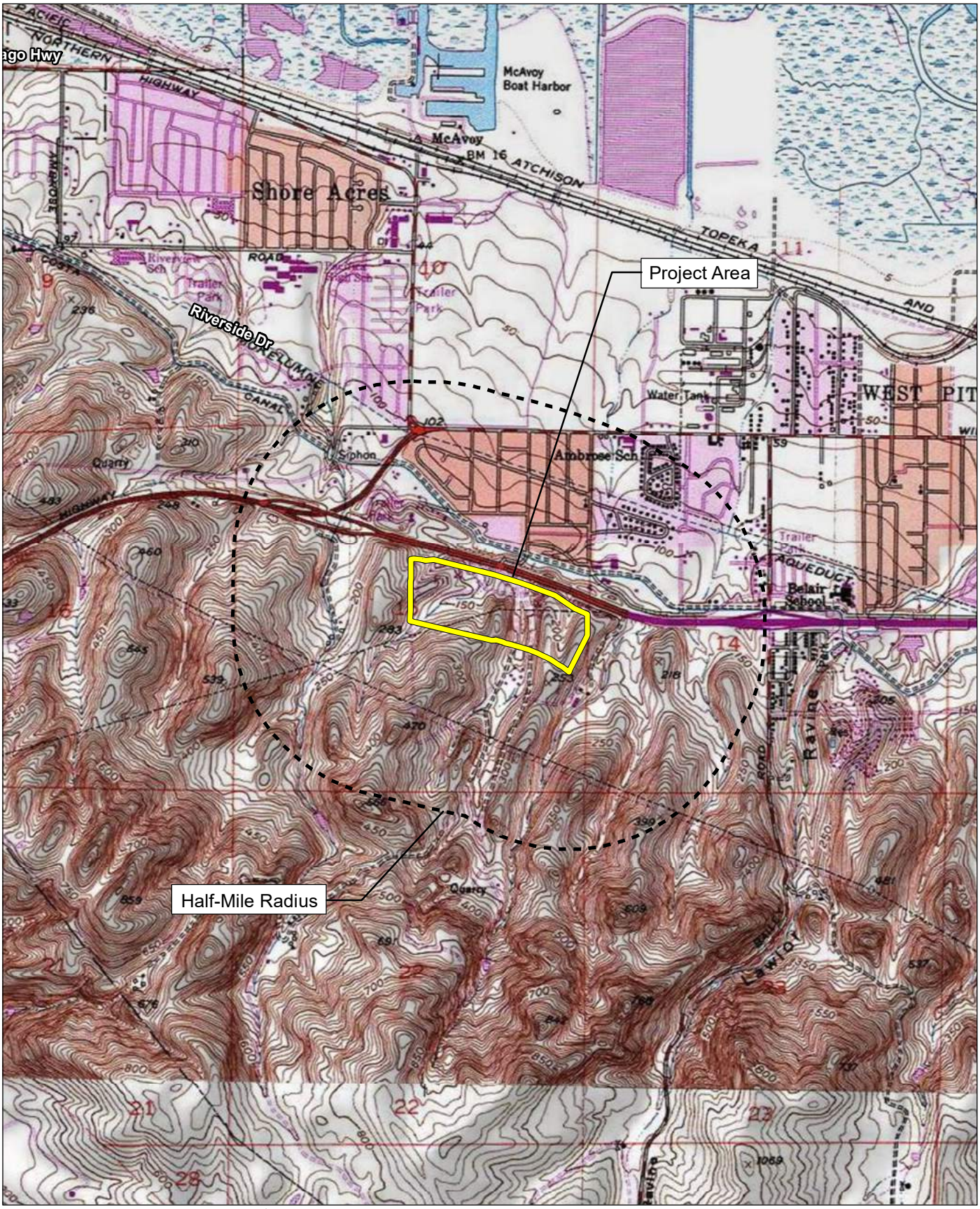

Source: USGS Honker Bay 7.5' Quadrangle / T2N,R1W,sec15

FIRSTCARBON SOLUTIONS™

2,000 1,000 0 2,000 Feet

Record Search Map

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-000595		1974	R.F. King	A Report on the Status of Generally Available Data Regarding Archaeological, Ethnographic, and Historical Resources Within a Five Mile Wide Corridor Through Portions of Colusa, Yolo, Solano, and Contra Costa Counties, California		07-000091, 48-000009, 48-000010, 48-000011, 48-000012, 48-000013, 48-000018, 48-000020, 57-000130, 57-000131
S-000848	Agency Nbr - Contract AA550-CT6-52	1977	David A. Fredrickson	A Summary of Knowledge of the Central and Northern California Coastal Zone and Offshore Areas, Vol. III, Socioeconomic Conditions, Chapter 7: Historical & Archaeological Resources	The Anthropology Laboratory, Sonoma State College; Winzler & Kelly Consulting Engineers	
S-001978		1960	Anthony V. Aiello	The Islands of Contra Costa		

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-002458		1981	Neil Ramiller, Suzanne Ramiller, Roger Werner, and Suzanne Stewart	Overview of Prehistoric Archaeology for the Northwest Region, California Archaeological Sites Survey: Del Norte, Humboldt, Mendocino, Lake, Sonoma, Napa, Marin, Contra Costa, Alameda	Anthropological Studies Center, Sonoma State University	01-000080, 01-000084, 01-000086, 01-000104, 01-000119, 01-000124, 01-000125, 01-000126, 01-000127, 01-000137, 01-000139, 01-002053, 01-002104, 07-000047, 07-000079, 07-000080, 07-000081, 07-000082, 07-000083, 07-000092, 07-000093, 07-000105, 07-000131, 07-000146, 07-000147, 07-000148, 07-000149, 07-000150, 07-000151, 07-000168, 07-000173, 07-000175, 07-000177, 07-000185, 07-000186, 07-000190, 07-000323, 07-000440, 07-000447, 07-000448, 07-000449, 07-000462, 07-000470, 07-000474, 07-000476, 07-000481, 07-000674, 07-000710, 07-000724, 07-004621, 08-000015, 08-000018, 08-000021, 08-000090, 12-000125, 12-000175, 12-000186, 12-000194, 12-000199, 12-000202, 12-000207, 12-000209, 12-000210, 12-000211, 12-000263, 12-000264, 12-000266, 12-000336, 12-000442, 12-000445, 12-000458, 12-000824, 17-000006, 17-000026, 17-000035, 17-000072, 17-000114, 17-000177, 17-000286, 17-000287, 17-000289, 17-000290, 17-000307, 17-000320, 17-000392, 17-000407, 17-000437, 17-000446, 17-000470, 17-000531, 17-000535, 17-000546, 17-000550, 17-000551, 17-000554, 17-000572, 17-000610, 17-000639, 17-000640, 17-000673, 17-000787, 17-000812, 21-000017, 21-000034, 21-000039, 21-000051, 21-000053, 21-000057, 21-000058, 21-000106, 21-000143, 21-000163, 21-000177, 21-000217, 21-000221, 21-000235, 21-000242, 21-000245, 21-000252, 21-000262, 21-000283, 21-000290, 21-000291, 21-000295, 21-000332, 21-000335, 21-000342, 21-000346, 21-000347, 21-000368, 21-000369, 21-000370, 21-000651, 21-000653, 21-002539, 23-000143, 23-000450, 23-000475,

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
						23-000478, 23-000492, 23-000534, 23-000535, 23-000536, 23-000537, 23-000539, 23-000590, 23-000786, 23-000789, 23-000790, 23-000791, 23-000792, 23-000793, 23-000796, 23-000835, 23-001034, 23-001060, 23-001063, 23-001520, 23-002898, 23-002915, 23-002936, 23-002945, 28-000015, 28-000027, 28-000028, 28-000029, 28-000032, 28-000045, 28-000061, 28-000063, 28-000066, 28-000077, 28-000088, 28-000092, 28-000093, 28-000097, 28-000123, 28-000125, 28-000150, 28-000199, 28-000209, 28-000218, 28-000222, 28-000310, 28-000311, 28-000329, 28-000330, 28-000362, 28-000418, 28-000419, 28-000420, 28-000421, 28-000422, 28-000428, 28-000828, 28-000912, 49-000073, 49-000079, 49-000112, 49-000135, 49-000194, 49-000228, 49-000264, 49-000265, 49-000271, 49-000291, 49-000292, 49-000295, 49-000318, 49-000329, 49-000330, 49-000340, 49-000342, 49-000360, 49-000362, 49-000363, 49-000369, 49-000371, 49-000423, 49-000424, 49-000434, 49-000483, 49-000512, 49-000521, 49-000548, 49-000620, 49-000653, 49-000671, 49-000682, 49-000683, 49-000730, 49-000731, 49-000732, 49-000733, 49-000846, 49-000860, 49-000887, 49-000913, 49-000914, 49-000915, 49-000916, 49-000917, 49-000959, 49-000970, 49-000976, 49-000978, 49-000981, 49-000982, 49-000983, 49-000990, 49-000992, 49-001081, 49-001082, 49-001083, 49-001084, 49-001085, 49-001086, 49-001087, 49-001109, 49-001121
S-002458a		1982	Suzanne Ramiller	Prehistoric Archaeology Overview Northwest Region; California Archaeological Inventory, Volume I: Humboldt and Del Norte Counties	Anthropological Studies Center, Sonoma State University	

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-002458b		1982	Roger H. Werner	Archaeological Overview of Mendocino and Lake Counties	Anthropological Studies Center, Sonoma State University	
S-002458c		1982	Suzanne Stewart	Prehistoric Archaeology Overview Northwest Region; California Archaeological Inventory, Volume I: Napa and Sonoma Counties	Anthropological Studies Center, Sonoma State University	
S-002458d		1982	Suzanne B. Stewart	Archaeological Overview of Alameda, Contra Costa, and Marin Counties	Anthropological Studies Center, Sonoma State University	
S-002458e		1982	Neil Ramiller	Environmental Overview of The Northwest Region	Anthropological Studies Center, Sonoma State University	
S-009462		1977	Teresa Ann Miller	Identification and Recording of Prehistoric Petroglyphs in Marin and Related Bay Area Counties	San Francisco State University	07-000323, 21-000087, 21-000376, 21-000378, 21-000379, 21-000380, 21-000381, 21-000382, 21-000383, 21-000384, 21-000386, 21-000387, 21-000388, 21-000389, 21-000390, 21-000391, 21-000392, 21-000393, 21-000394, 21-000395, 21-000396, 21-000397, 21-000398, 21-000399, 21-000400, 21-000401, 21-000402, 21-000546, 23-000434, 23-000789, 23-000790, 49-000629, 49-000785, 49-000787
S-009583		1978	David W. Mayfield	Ecology of the Pre-Spanish San Francisco Bay Area	San Francisco State University	
S-009795		1986	Thomas Lynn Jackson	Late Prehistoric Obsidian Exchange in Central California	Stanford University	06-000025, 07-000047, 07-000080, 07-000188, 07-000440, 17-000320, 17-000601, 21-000163, 21-000218, 21-000235, 21-000242, 21-000283, 21-000290, 21-000368, 21-000423, 21-000628, 23-001589, 23-001659, 23-003068, 23-003119, 28-000015, 28-000068, 28-000199, 28-000205, 28-000828, 49-000135, 49-000360, 49-000423, 49-000424, 49-000518, 49-000521, 49-000533, 49-000536, 49-000558, 49-000801, 57-000114

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S-015529		1993	Robert L. Gearhart II, Clell L. Bond, Steven D. Hoyt, James H. Cleland, James Anderson, Pandora Snethcamp, Gary Wesson, Jack Neville, Kim Marcus, Andrew York, and Jerry Wilson	California, Oregon, and Washington: Archaeological Resource Study	Espey, Huston & Associates, Inc.; Dames & Moore	01-000033, 01-000034, 01-000084, 01-000086, 01-000104, 07-000133, 07-000173, 07-000175, 07-000177, 17-000072, 17-000392, 21-000048, 21-001915, 23-001704, 27-000100, 27-000236, 27-000335, 27-000356, 27-000386, 27-000485, 38-000028, 38-000072, 38-000085, 38-000098, 41-000080, 41-000265, 44-000179
S-016660		1992	Jeffrey B. Fentress	Prehistoric Rock Art of Alameda and Contra Costa Counties, California	California State University, Hayward	01-000035, 01-000039, 01-000071, 01-000080, 01-000128, 01-000137, 01-000138, 01-000144, 01-000195, 01-000198, 01-000199, 01-002112, 07-000029, 07-000094, 07-000189, 07-000193, 07-000212, 07-000216, 07-000219, 07-000230, 07-000242, 07-000255, 07-000260, 07-000271, 07-000301, 07-000302, 07-000323, 07-000344, 07-000345, 07-000346, 07-000347, 07-000348, 07-000356, 07-000362, 07-000374, 07-000725, 07-000726, 07-000727, 07-000730, 07-000734, 07-000736, 07-000738, 07-000739
S-017835		1975	Judy Myers Suchey	Biological Distance of Prehistoric Central California Populations Derived from Non-Metric Traits of the Cranium	University of California, Riverside	01-000086, 01-000104, 01-000105, 06-000025, 07-000080, 07-000081, 07-000083, 07-000087, 21-000017, 21-000193, 21-000242, 21-000252, 48-000010, 57-000145
S-018217		1996	Glenn Gmoser	Cultural Resource Evaluations for the Caltrans District 04 Phase 2 Seismic Retrofit Program, Status Report	California Department of Transportation	01-000014, 01-000023, 01-000227, 07-000108, 07-000119, 38-000002, 38-000004, 41-000273, 43-000106, 43-000297, 43-000624, 43-001078, 44-000010, 44-000201, 44-000300, 49-000195

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-020395		1998	Donna L. Gillette	PCNs of the Coast Ranges of California: Religious Expression or the Result of Quarrying?	California State University, Hayward	07-000094, 07-000323, 12-000050, 17-000071, 17-001315, 21-000087, 21-000376, 21-000378, 21-000379, 21-000381, 21-000382, 21-000383, 21-000384, 21-000386, 21-000387, 21-000388, 21-000389, 21-000390, 21-000391, 21-000392, 21-000393, 21-000394, 21-000395, 21-000396, 21-000397, 21-000398, 21-000399, 21-000400, 21-000401, 21-000402, 21-000419, 21-000433, 21-000546, 21-000620, 21-000621, 21-000624, 21-000661, 23-000434, 23-000809, 23-000810, 23-001698, 23-001725, 23-001792, 23-001798, 23-001799, 23-001803, 23-001804, 23-001930, 23-001942, 23-001950, 23-001963, 35-000013, 43-000067, 43-000080, 43-000287, 43-000289, 43-000504, 49-000046, 49-000240, 49-000533, 49-000550, 49-000629, 49-000785, 49-000787, 49-000868, 49-000960, 49-000975, 49-001004, 49-001087, 49-001239, 49-002121
S-022812		1997	Colin I. Busby	Contra Costa County Water Multipurpose Pipeline Project, Environmental Documentation Study, Cultural Resources Review (letter report)	Basin Research Associates	07-000402, 07-000403, 07-000813, 07-002695
S-030204		2003	Donna L. Gillette	The Distribution and Antiquity of the California Pecked Curvilinear Nucleated (PCN) Rock Art Tradition.	University of California, Berkeley	01-002148, 21-000384, 23-000810
S-032596	Caltrans - EA No. 447600; Other - Contract #04A2098	2006	Randall Milliken, Jerome King, and Patricia Mikkelsen	The Central California Ethnographic Community Distribution Model, Version 2.0, with Special Attention to the San Francisco Bay Area, Cultural Resources Inventory of Caltrans District 4 Rural Conventional Highways	Consulting in the Past; Far Western Anthropological Research Group, Inc.	
S-033545		1994		Draft Comprehensive Management and Use Plan and Environmental Impact Statement, Juan Bautista de Anza National Historic Trail, Arizona and California	National Park Service	38-002967, 41-002192, 43-002628

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-033600	Agency Nbr - Contract No. 04A2098; Caltrans - EA No. 447600	2007	Jack Meyer and Jeff Rosenthal	Geoarchaeological Overview of the Nine Bay Area Counties in Caltrans District 4	Far Western Anthropological Research Group, Inc.	01-000001, 01-000002, 01-000014, 01-000063, 01-000064, 01-000067, 01-000080, 01-000124, 01-000139, 01-000140, 01-001795, 01-002110, 01-002160, 01-002162, 01-002245, 07-000019, 07-000024, 07-000037, 07-000047, 07-000075, 07-000079, 07-000088, 07-000089, 07-000108, 07-000182, 07-000185, 07-000186, 07-000217, 07-000239, 07-000401, 07-000721, 21-000010, 21-000048, 21-002615, 28-000009, 28-000028, 28-000301, 28-000967, 38-000006, 38-000028, 38-000101, 38-000102, 38-000119, 41-000080, 41-000284, 43-000016, 43-000189, 43-000296, 43-000308, 43-000310, 43-000423, 43-000424, 43-000448, 43-000451, 43-000485, 43-000561, 43-000604, 43-000608, 43-000614, 43-000623, 43-001015, 43-001058, 43-001080, 43-001163, 43-001194, 43-001576, 48-000007, 48-000157

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-07-000520	CA-CCO-000713H	Resource Name - Alvernaz Ranch Complex (Cellar Pit and Barn Foundation)	Building, Site, Element of district	Historic	AH02; AH04	1997 (Ric Windmiller, [none])	S-019274, S-019324
P-07-002648		Caltrans - Bridge No. 28C0201; Caltrans - Bridge No. 28C0206; Caltrans - Bridge No. 28C0376; Caltrans - Bridge No. 28C0078; Caltrans - Bridge No. 28C0132; Caltrans - Bridge No. 28C0286; Caltrans - Bridge No. 28C0347; Caltrans - Bridge No. 28C0384; Caltrans - Bridge No 28C0396; Other - Somersville Road Bridge; Other - Canal Road Bridge; Other - Cypress Road Bridge; Resource Name - Contra Costa Canal Bridges	Structure	Historic	HP19	2004 (Neal Kaptain, LSA Associates, Inc.); 2005 (Chris McMorris, Kate McLoughlin, JRP Historical Consulting); 2014 (Jeremy Adams, ECORP)	S-030653, S-043685, S-045838
P-07-002695		Resource Name - Contra Costa Canal; Other - Map Reference #26; Other - East Contra Costa Irrigation District Main Canal Complex; Other - A/HC-161; Other - SW-57; Other - Map Ref. No. 5 (2008 Site Record); Other - BV-106, BV-106(n), BV-106(s); OHP PRN - BUR 060505A; OHP Property Number - 154520; OHP PRN - FHWA050131A; OHP PRN - BUR910227A; OHP Z-number - CCO-Z00002; OHP Property Number - 154520; National Register - 07-0055	Structure	Historic	HP20	1993 ([none], JRP Historical Consulting Services); 1995 (Hatoff, Voss, Waechter, Wee, Bente, Woodward-Clyde Consultants); 2003 (Rand Herbert, JRP Historical Consulting Services); 2005 (Rand Herbert, Kate McLoughlin, JRP Historical Consulting Services); 2007 (Suzanne Baker, Archaeological/Historical Consultants); 2008 (Karen McNeill and Matthew Davis, Carey & Co.); 2008 (Cassidy DeBaker, Kruger Frank, Garcia & Associates); 2010 (R. Windmiller, Consulting Archaeologist); 2016 (Rand Herbert, JRP Historical Consultants)	S-017993, S-018440, S-022812, S-030592, S-030653, S-031372, S-031700, S-031872, S-034865, S-035244, S-037022, S-037023, S-037578, S-038082, S-038392, S-039289, S-040646, S-043685, S-043830, S-043849, S-043866, S-045838, S-046155, S-046889, S-047775, S-047893, S-049670, S-049678
P-07-002751		Resource Name - Alves Ranch, Pittsburg CA	Building, Structure	Historic	HP02; HP04; HP06; HP33	2006 ([none], Holman & Associates)	S-031600
P-07-004747		Resource Name - Alvernaz Ranch Complex (District)	Building, District	Historic	AH02; AH04; HP02; HP04; HP19; HP33	1997 (Donald S. Napoli, [none])	S-019274, S-019324

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-07-004748		Resource Name - Alvernaz Ranch Feed Shed	Building, Element of district	Historic	HP04	1997 (Donald S. Napoli, [none])	S-019274, S-019324
P-07-004749		Resource Name - Alvernaz Ranch Foot Bridge	Structure, Element of district	Historic	HP19	1997 (Donald S. Napoli, [none])	S-019274, S-019324
P-07-004750		Resource Name - Alvernaz Ranch House No. 2	Building, Element of district	Historic	HP02	1997 (Donald S. Napoli, [none])	S-019274, S-019324
P-07-004751		Resource Name - Alvernaz Ranch House No. 1	Building, Element of district	Historic	HP02	1997 (Donald S. Napoli, [none])	S-019274, S-019324

A.2 - Pedestrian Survey Photographs

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Photograph 1: View of project area from the southwest corner; facing northeast.

Photograph 2: View of project area from the northwest corner; facing southeast.

Photograph 3: View of project area from the northeast corner; facing southwest.

Photograph 4: View of project area from the southeast corner; facing northwest.

Photograph 5: View of graded drainage basin and road in the north of the project area; facing east.

Photograph 6: Detail of representative soil matrix and soil visibility within the project area.

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A.3 - NAHC Letter and Consultation List

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NATIVE AMERICAN HERITAGE COMMISSION
Environmental and Cultural Department
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
(916) 373-3710

June 25, 2018

Dana DePietro
FCS Intl

Sent by Email: ddepietro@fcs-int.com
Number of Pages: 2

RE: Alves Ranch Development, Honker Bay, Contra Costa County

Dear Mr. DePietro:

A record search of the Native American Heritage Commission (NAHC) *Sacred Lands File* was completed for the area of potential project effect (APE) referenced above with negative results. **Please note that the absence of specific site information in the *Sacred Lands File* does not indicate the absence of Native American cultural resources in any APE.**

I suggest you contact all of those listed, if they cannot supply information, they might recommend others with specific knowledge. The list should provide a starting place to locate areas of potential adverse impact within the APE. **By contacting all those on the list, your organization will be better able to respond to claims of failure to consult.** If a response has not been received within two weeks of notification, the NAHC requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any of these individuals or groups, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact via email: sharaya.souza@nahc.ca.gov .

Sincerely,

Sharaya Souza
Staff Services Analyst
(916) 573-0168

Native American Heritage Commission
Native American Consultation List
6/25/2018

Amah MutsunTribal Band of Mission San Juan Bautista
Irenne Zwierlein, Chairperson
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Woodside , CA 94062
amahmutsuntribal@gmail.com
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Ohlone/Costanoan

Indian Canyon Mutsun Band of Costanoan
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Ohlone/Costanoan

Muwekma Ohlone Indian Tribe of the SF Bay Area
Rosemary Cambra, Chairperson
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Ohlone / Costanoan

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Ohlone/Costanoan
Northern Valley Yokuts
Bay Miwok

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Ohlone/Costanoan
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Miwok

This list is current only as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Code, or Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native American Tribes for the proposed: Alves Ranch Development, Honker Bay, Contra Costa County.

A.4 - Paleontological Records Search

Kenneth L. Finger, Ph.D.
Consulting Paleontologist

18208 Judy St., Castro Valley, CA 94546-2306 510.305.1080 klfpaleo@comcast.net

June 11, 2018

Dana DePietro
FirstCarbon Solutions
1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

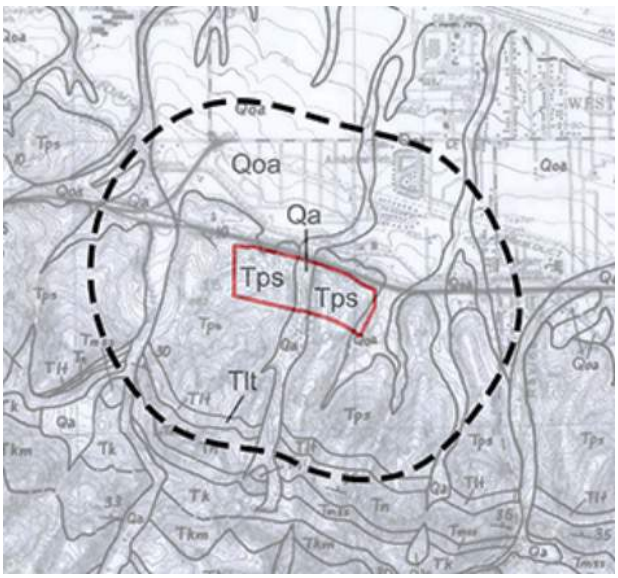
Re: Paleontological Records Search: Alves Ranch Project (3746.0002), Contra Costa County, California

Dear Dr. DePietro:

As per the request of Spencer Pignotti, I have performed a records search on the University of California Museum of Paleontology (UCMP) database for the Alves Ranch project in Contra Costa County. The project site is southeast of Shore Acres, east of San Marco Boulevard and west of Bailey Road, between California Delta Highway and West Leland Road. Its PRS location is Sec. 15, T2N, R1W, Honker Bay quadrangle (USGS 7.5-series topographic map). On Google Earth imagery, it appears that this is relatively flat, sparsely vegetated terrain that has been disturbed by previous agricultural use.

Geologic Units

According to the part of the geologic map by Dibblee (1980) shown here, the Alves Ranch project site (red outline at center) and surrounding half-mile area (dashed black outline) are located mostly on nonmarine sedimentary and volcanic rocks of Pliocene age, locally referred to as the Tehama Formation. Pleistocene alluvium is north-adjacent to the site and both units are bisected by Holocene alluvium (Qa). Holocene deposits are too young to contain fossils, whereas the Pleistocene and Pliocene units have the potential of yielding significant paleontological resources.



Key to mapped units

Qa Surficial alluvium (Holocene)
Qoa Older alluvium (Pleistocene)
Tps Nonmarine sedimentary and volcanic rocks: weakly indurated clay, sand and pebble gravel; locally called the Tehama Formation (Pliocene) clay shale and siltstone, massive to vaguely bedded (middle to late Miocene)
Tlt Lawler Tuff: pumiceous tuff breccia (Pliocene)

Records Search

The paleontological record search for the Alves Ranch project was performed on the University of California Museum of Paleontology (UCMP) database. The results are 9928 vertebrates from 64 Pleistocene and 1267 vertebrates from 12 Pliocene localities in Contra Costa County. The nearest vertebrate locality is V90070 (Lawler Ravine), in the Pliocene Wolfskill Formation (Blancan NALMS), just east of the half-mile search area at the southwest corner of the intersection of Leland and Bailey roads; no specimens are recorded for it in the database.

Remarks and Recommendations

The Alves Ranch project site will impact Pliocene nonmarine deposits similar to those in Contra Costa County that have yielded a very rich vertebrate paleofauna. A pre-construction paleontological walkover survey of the site would be unwarranted because its surface is disturbed. However, I recommend paleontological monitoring of all project-related excavations of previously undisturbed deposits because the Pliocene deposits that dominate the site are highly sensitive for significant paleontological resources. Should any vertebrate remains (e.g., bones, teeth) be encountered, all construction-related activities should be diverted from the find until a professional paleontologist has properly recorded and evaluated it, and, if deemed appropriate, salvaged it in a timely manner. Recovered fossils should be deposited in an appropriate repository, such as the UCMP, where they will be properly curated and made available for scientific research and education.

Sincerely,

Reference Cited

Dibblee, T.W., Jr., 1980. Preliminary geologic map of the Honker Bay quadrangle, Solano and Contra Costa Counties, California. Open-File Report 80-2009, scale 1:24,000.

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Appendix B:
Geotechnical Memo

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Stevens Ferrone & Bailey Engineering Company, Inc

Geotechnical Engineering
Engineering Geology
Storm Water Management
Construction Observation & Testing Services

June 1, 2018

Ms. Mandy Leung
William Lyon Homes, Inc.
4000 Executive Parkway, Suite 250
San Ramon, CA 94583

Re: Geological and Geotechnical Information for EIR
Alves Ranch, Pittsburg, California
SFB Project No.: 241-25

Ms. Leung:

In accordance with your request, Stevens, Ferrone & Bailey Engineering Company, Inc. (SFB) is providing the following information that can be used to supplement the EIR for the Alves Ranch project in Pittsburg, California.

1.0 Project Description

Based on the information provided by Mr. Scott Hilk of William Lyon Homes, it is our understanding that the project will consist of developing approximately 26 acres into four residential neighborhoods consisting of duet and single-family structures, a recreation area, and associated infrastructure such as underground utilities, asphalt concrete roadways, parks, and storm water remediation facilities. In addition, a commercial development encompassing approximately 12 acres in area is planned. The site was previously mass graded as a part of the larger Vista Del Mar residential development to the south under the guidance of Berlogar Geotechnical Consultants (BGC); the mass grading occurred between the summer of 2005 and the summer of 2006. Additional grading will be performed, including grading for the proposed commercial area, in order to achieve planned grades.

2.0 Surface Description

The site is bounded by West Leland Road on the south, Highway 4 on the north, a residential development and eastern facing slope on the west, and vacant land including a westerly facing slope on the east. The site has been previously mass graded relatively level except for ascending slopes on the east and west sides of the site, and descending slopes (along with a large detention basin) on the north side of the site. Concrete lined surface water collection ditches are located along the toe

of the slopes as well as on the detention basin slopes. The site is covered with a thick growth of grasses and weeds.

3.0 Previous Mass Grading and Subsurface Conditions

According to BGC, mass grading occurred at the site between the summer of 2005 and the summer of 2006 under the continuous guidance of BGC. BGC states that the site was essentially graded flat, with cut and fill slopes located along the northern, western, and eastern sides of the site; unsuitable underlying materials, such as loose native soils and undocumented fills, were removed prior to placing compacted, engineered fill. BGC summarized the results of the mass grading work in their August 14, 2008 report[1].

BGC describes in their February 2008 report[2] that remedial grading was performed in areas underlain by existing fill and included removal of soft sediments along the centerline of drainage courses, removal of expansive soils along cut/fill transitions, and excavation of keyways for buttress fill slopes for the detention basin. BGC further states that (1) the ground surface below the engineered fill at the site was properly prepared with engineering control including scarification and moisture conditioning, (2) subdrains were installed along the back edge of keyways and excavation backcuts as well as along the centerline of previous drainages, and (3) subdrains were generally stopped at a depth of at least 10 feet below the existing sheet grade.

As a result of the previous mass grading, BGC in their February 2008 provides the following information:

Engineered Fill: Engineered fill has been extensively placed at the site. The engineered fill was largely derived from cuts performed in the Tulare bedrock formation and consists of layers of silty to sandy clays with variable amounts of gravel. The fill was placed under the observation of BGC with engineering control and testing. The engineered fill is suitable for proposed construction. Laboratory testing of bulk samples indicate that fill has Plasticity Indices between 18 and 23 and the fill is considered moderately expansive.

Alluvium: Alluvium underlies the engineered fill in two locations, a former north trending drainage course in the central portion of the site (underlying the detention basin) and a northeast trending band along the former drainage course. The soft sediments along the centerline of these areas were removed down to competent materials during the remedial grading of the site.

---

[1] BGC, 2008, report titled *Soil Engineering Services During Mass Grading, Vista Del Mar – Subdivision, Pittsburg, California*, dated August 14, 2008.

[2] BGC, 2008, report titled *Preliminary Geotechnical Investigation, Alves Ranch, West Leland Road, Pittsburg, California*, dated February 25, 2008.

Bedrock: Bedrock units at the site are composed of non-marine sedimentary deposits of the Pliocene age Tulare formation. The Tulare formation at the site consists of friable to weak beds of sandy to silty claystone, sandy siltstone, sandstone, and conglomerate. After the mass grading was completed, the bedrock is exposed at the surface of the site in a few areas. Bedrock structure at the site was mapped during the previous grading and was found generally dipping between 5 and 25 degrees to the north and northeast (*we noted that on Plate 3 of the February 2008 BGC report in the northeast portion of the site, BGC shows bedrock bedding dipping 9 to 14 degrees south and southwest*). Claystone beds within the Tulare formation are considered highly expansive.

Groundwater: Groundwater at the site has been partially controlled by the addition of a subdrain system constructed below the engineered fill. Groundwater was not encountered during the remedial over-excavations performed during the previous mass grading in 2005-2006 with the exception of minor areas of seepage near the existing detention basin; subdrains were installed to intercept the seepage.

Exploratory Well: An exploratory well was drilled at the site during the 1960's in the southeast portion of the site. During mass grading, a column of clean grout was encountered in the area of the abandoned well. The abandoned well casing was surveyed in the field during mass grading and was cut down to an elevation of 171.6 feet (about 16-1/2 feet below the sheet grade at that time).

According to BGC and as presented in their August 14, 2008 report, the fill materials placed at the site were compacted to the following specifications.

Location	Clayey Soils and Tps Bedrock Unit	Sandy Soils and Bedrock Units Other Than Tps
Within 15 feet of finished grade	Between 85 and 90 percent relative compaction at not less than 5 percent above optimum moisture content	At least 90 percent relative compaction at not less than 3 percent above optimum moisture content
Between 15 and 30 feet below finished grade	At least 90 percent relative compaction at not less than 5 percent above optimum moisture content	At least 90 percent relative compaction at not less that 3 percent above optimum moisture content
Greater than 30 feet below finished grade	At least 95 percent relative compaction at not less than 3 percent above optimum moisture content	

BGC also performed geotechnical observations and testing during the construction of the north embankment of the existing detention basin. According to BGC, the areas to be graded were cleared of old fill materials, the subgrade was scarified and re-compacted, and new fill was placed and compacted to an average relative compaction of at least 95 percent with no compaction tests

less than 93 percent. The results of BGC's observation and testing work for the detention basin's north slope are summarized in their 2007 report[3].

4.0 Geology, Faulting, and Seismicity

Graymer, et al[4], has mapped the bedrock underlying the site as being part of the Tulare Formation, poorly consolidated non-marine sedimentary rock of Pliocene age, consisting of gray to maroon siltstone, sandstone, and conglomerate, and contains tuff layers.

The project site is located in the San Francisco Bay Area that is considered one of the most seismically active regions in the United States. Significant earthquakes have occurred in the San Francisco Bay Area and are believed to be associated with crustal movements along a system of sub-parallel fault zones that generally trend in a northwesterly direction. The site is not located within an Alquist-Priolo Earthquake Fault Zone as designated by the State of California[5].

Earthquake intensities will vary throughout the San Francisco Bay Area, depending upon numerous factors including the magnitude of earthquake, the distance of the site from the causative fault, and the type of materials underlying the site. The U.S. Geological Survey (2016)[6] indicated that there is a 72 percent chance of at least one magnitude 6.7 or greater earthquake striking the San Francisco Bay region between 2014 and 2043. Therefore, the site will probably be subjected to at least one moderate to severe earthquake that will cause strong ground shaking.

According to the U.S. Geological Survey's Unified Hazard Tool and applying the Dynamic: Conterminous U.S. 2008 (v3.3.1) model (accessed 6/1/2018), the resulting deaggregation calculations indicate that the site has a 10% probability of exceeding a peak ground acceleration of about 0.47g in 50 years (design basis ground motion based on very dense soil – soft rock site condition; mean return time of 475 years). The actual ground surface acceleration might vary depending upon the local seismic characteristics of the underlying bedrock and the overlying unconsolidated soils.

5.0 Liquefaction

Soil liquefaction is a phenomenon primarily associated with saturated, cohesionless, soil layers located close to the ground surface. These soils lose strength during cyclic loading, such as

---

[3] BGC, 2007, report titled *Soils Engineering Services During Construction, North Embankment of Detention Basin, Vista Del Mar, West Leland Road, Pittsburg, California,* dated March 5, 2007.

[4] Graymer, et al, 1994, *Preliminary Geologic Map Emphasizing Bedrock Formations in Contra Costa County, California,* U.S. Geological Survey OFR 94-622.

[5]Hart and Bryant, *Fault-Rupture Hazard Zones in California*, CDMG Special Publication 42, Interim Revision 2007.

[6]Aagaard, Blair, Boatwright, Garcia, Harris, Michael, Schwartz, and DiLeo, *Earthquake Outlook for the San Francisco Bay Region 2014–2043,* USGS Fact Sheet 2016–3020, Revised August 2016 (ver. 1.1).

imposed by earthquakes. During the loss of strength, the soil acquires mobility sufficient to permit both horizontal and vertical movements. Soils that are most susceptible to liquefaction are clean, loose, uniformly graded, saturated, fine-grained sands that lie close to the ground surface. According to ABAG and the U.S. Geological Survey, the site is located in an area that has been characterized as having very low liquefaction susceptibility[7,8]. As of the date of this report, the liquefaction potential of the site has not been evaluated by the State of California[9].

Based on our review of available literature and the results of exploratory borings at the site, it is our opinion that the potential for ground surface damage caused by liquefaction at the site is low.

6.0 Landsliding

According to U.S. Geological Survey Open-File Report 97-745 (landslide folio of the San Francisco Bay Area), the development site area is not mapped as having previously identified landslides or earthflows nor is it located within an area having debris flow source potential. According to the Association of Bay Area Governments Resilience Program website (accessed 6/1/2018), portions of the site have been mapped as having "few" landslides prior to the mass grading that was performed in 2005-2006.

Since the previous mass grading performed at the site removed weak soils and old fills, and grades were raised to create a relatively level site, it is our opinion that the potential for landslides developing at the site are low.

Sincerely,
Stevens, Ferrone & Bailey Engineering Company, Inc.

Kenneth C. Ferrone, PE, GE, CEG
Principal Civil/Geotechnical Engineer
Principal Geologist/Engineering Geologist

[7]Witter, Knudsen, Sowers, Wentworth, Koehler, and Randolph, 2006, *Maps of Quaternary Deposits and Liquefaction Susceptibility in the Central San Francisco Bay Region, California*", USGS Open File Report 2006-1037.
[8]Knudsen, Sowers, Witter, Wentworth, and Helly, 2000, "*Preliminary Maps of Quaternary Deposits and Liquefaction Susceptibility, Nine-County San Francisco Bay Region, California*", USGS Open File Report 00-444.
[9]Seismic Hazards Mapping Act, 1990.

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Appendix C:
Phase I Environmental Site Assessment

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ALVES RANCH
PITTSBURG, CALIFORNIA

DRAFT

PHASE I ENVIRONMENTAL SITE ASSESSMENT

SUBMITTED TO
Mr. Scott Roylance
William Lyon Homes, Inc.
Northern California Division
2603 Camino Ramon, Suite 450
San Ramon, CA 94583

PREPARED BY
ENGEO Incorporated

December 13, 2017

PROJECT NO.
3328.105.504

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ENGEO
Expect Excellence

Project No.
3328.105.504

December 13, 2017

Mr. Scott Roylance
William Lyon Homes, Inc.
Northern California Division
2603 Camino Ramon, Suite 450
San Ramon, CA 94583

Subject: Alves Ranch
Alves Ranch Road and West Leland Road
Pittsburg, California

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Dear Mr. Roylance:

ENGEO is pleased to present our phase I environmental site assessment of the subject property (Property), located in Pittsburg, California. The attached report includes a description of the site assessment activities, along with ENGEO's findings, opinions, and conclusions regarding the Property.

ENGEO has the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the Property, and has developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312 and the American Standard Testing Method (ASTM) Practice E1527-13. We declare that, to the best of our professional knowledge and belief, the responsible charge for this study meets the definition of Environmental Professional as defined in Section 312.10 of 40 CFR Part 312 and ASTM E1527-13.

We are pleased to be of service to you on this project. If you have any questions concerning the contents of our report, please contact us.

Sincerely,

ENGEO Incorporated

Stephen Fallon, PE

Jeffrey Adams, PhD, PE

sf/jaa/dt

DRAFT

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EXECUTIVE SUMMARY

ENGEO conducted a phase I environmental site assessment for the property located at Alves Ranch Road and West Leland Road in Pittsburg, California (Property). The Property is approximately 47.42 acres in area and is identified by Assessor's Parcel Number (APN) 097-700-002-5.

The Property is currently a vacant "sheet-graded" pad located south of the California Delta Highway (State Highway 4). Review of historical records indicates that the Property has remained undeveloped land since at least 1937. One aerial photograph showed that a single residential structure was located on the Property from 2006 to no later than 2008. An unpaved road bisecting the Property north to south is visible in aerial photographs dating back to 1937.

The study included a review of local, state and federal environmental record sources, standard historical sources, aerial photographs, fire insurance maps and physical setting sources; a reconnaissance of the Property to review site use and current conditions to check for the storage, use, production or disposal of hazardous or potentially hazardous materials; and interview with persons knowledgeable about current and past site use.

The site reconnaissance and records review did not find documentation or physical evidence of soil or groundwater impairments associated with the use of the Property. A review of regulatory databases maintained by county, state, and federal agencies found no documentation of hazardous materials violations or discharge on the Property. A review of regulatory agency records and available databases did not identify contaminated facilities within the appropriate ASTM search distances that would be expected to impact the Property.

Based on the findings of this assessment, no Recognized Environmental Conditions (RECs) and no historical RECs were identified for the Property.

Based on the review of regulatory databases and site reconnaissance, we have identified a controlled REC (CREC):

- Petroleum hydrocarbon impacted soils were removed from an area south of the Property and encapsulated below the road section at the intersection of West Leland Road and Alves Ranch Road. Although encapsulated adjacent to the Property, given the depth of encapsulation (greater than 30 feet below ground surface), the presence of this material is not considered to pose an environmental concern for residential development of the Property.

ENGEO has performed a phase I environmental site assessment in general conformance with the scope and limitations of ASTM E1527-13 and the standards and practices of the All Appropriate Inquiry – Final Rule (40 Code of Federal Regulations Part 312). This assessment has revealed no evidence of Recognized Environmental Conditions in connection with the Property.

ENGEO recommends no further environmental studies at this time.

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1.0 INTRODUCTION

1.1 SITE LOCATION AND DESCRIPTION

ENGEO conducted a phase I environmental site assessment for the Property located at Alves Ranch Road in Pittsburg, California (Figure 1). The approximately 47.42-acre Property is identified as APN 097-700-002-5 (Figure 3) and is currently occupied by undeveloped land.

1.2 CURRENT USE OF PROPERTY AND ADJOINING PROPERTIES

The Property is currently a vacant "sheet-graded" pad located south of the California Delta Highway (State Highway 4). The Property has a mounded slope extending north to south near the intersection of Woodhill Drive and West Leland Road.

The surrounding sites include mainly residential developments. The Pittsburg/Bay Point BART station is located to the east of the Property.

1.3 SITE AND VICINITY CHARACTERISTICS

According to published topographic maps, the Property ranges in elevation from approximately 150 feet above mean sea level (msl) to approximately 223 feet above msl. Review of the Vine Hill & Honker Bay quadrangles Geologic Map found that the Property is underlain by alluvial pebble gravel, sand, and clay of valley areas and pebble conglomerate, sandstone, and claystone (Dibblee et al., 2006).

Geocheck – Physical Setting Source Summary of the Environmental Resources Data report (Appendix A) indicated no Federal United States Geological Survey (USGS) wells located within 1 mile of the Property. Groundwater in the vicinity of Property was historically observed between 27.7 feet and 72.9 feet below the ground surface, however, the topography of the region is highly variable. The Physical Setting Source Summary did not provide hydrogeologic information for use as an indicator of groundwater flow direction in the immediate area. However, information gathered from nearby sites to the north indicates the groundwater flow direction was observed to the northeast to northwest and the depth to groundwater is approximately 4 feet.

We reviewed the Department of Water Resources On-line Water Data Library for depth to water in the vicinity of the Property. The website did not identify any wells within 1 mile of the Property.

We reviewed EnviroStor, a website maintained by the State of California Department of Toxic Substances Control, and GeoTracker, a website maintained by the State of California Water Resources Control Board, for nearby facilities with records that include depth to groundwater measurements. The following information was obtained regarding local groundwater conditions.

TABLE 1.3-1: Local Groundwater Conditions

PROXIMITY TO PROPERTY	REPORTED DEPTH TO GROUNDWATER	REPORTED GROUNDWATER FLOW DIRECTION
2,800 ft	20.88 (max)	E
2,900	73.45 (max)	N
4,100	59.14 (max)	NW

DRAFT

The site-specific depth to groundwater and direction of groundwater flow was not determined as part of this assessment. Fluctuations in groundwater levels may occur seasonally and over a period of years due to variations in precipitation, temperature, irrigation and other factors. Resources identified during the investigation showed that the groundwater gradient flows to the north toward Suisun Bay.

We reviewed the Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) website and map database to determine if any historic oil and/or gas wells were located within the Property. One well was mapped within the Property. The onsite well (API#01300200) is listed as a dry hole, plugged well (plugged 9/12/1964), previously operated by Trico Industries, Inc. Three other wells were mapped within 1 mile of the Property. Two of them are listed as plugged and the other one is listed as a dry hole, plugged well.

1.4 PURPOSE OF PHASE I ENVIRONMENTAL SITE ASSESSMENT

This assessment was performed at the request of William Lyon Homes, Inc. for the purpose of environmental due diligence during property acquisition. The objective of this phase I environmental site assessment is to identify Recognized Environmental Conditions (RECs) associated with the Property. As defined in the ASTM Standard Practice E1527-13, an REC is "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment."

1.5 DETAILED SCOPE OF SERVICES

The scope of services performed included the following:

- A review of previous environmental reports.
- A review of publicly available and practically reviewable standard local, state, tribal, and federal environmental record sources.
- A review of publicly available and practically reviewable standard historical sources, aerial photographs, fire insurance maps and physical setting sources.
- A reconnaissance of the Property to review site use and current conditions. The reconnaissance was conducted to check for the storage, use, production or disposal of hazardous or potentially hazardous materials.
- Interviews with owners/occupants and public sector officials.
- Preparation of this report with our findings, opinions, and conclusions.

1.6 SIGNIFICANT ASSUMPTIONS OR DEVIATIONS FROM ASTM STANDARD PRACTICE

No significant assumptions or deviations were identified during this assessment.

DRAFT

1.7 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

The professional staff at ENGEO strives to perform its services in a proper and professional manner with reasonable care and competence but is not infallible. The recommendations and conclusions presented in this report were based on the findings of our study, which were developed solely from the contracted services. The findings of the report are based in part on contracted database research, out-of-house reports and personal communications. The opinions formed by ENGEO are based on the assumed accuracy of the relied upon data in conjunction with our relevant professional experience related to such data interpretation. ENGEO assumes no liability for the validity of the materials relied upon in the preparation of this report.

This document must not be subject to unauthorized reuse; that is, reuse without written authorization of ENGEO. Such authorization is essential because it requires ENGEO to evaluate the document's applicability given new circumstances, not the least of which is passage of time. The findings from a phase I environmental site assessment are valid for one year after completion of the report. Updates of portions of the assessment may be necessary after a period of 180 days after completion.

This phase I environmental site assessment is not intended to represent a complete soil or groundwater characterization, nor define the depth or extent of soil or groundwater contamination. It is intended to provide an evaluation of potential environmental concerns associated with the use of the Property. A more extensive assessment that would include a subsurface exploration with laboratory testing of soil and groundwater samples could provide more definitive information concerning site-specific conditions. If additional assessment activities are considered for the Property and if other entities are retained to provide such services, ENGEO cannot be held responsible for any and all claims arising from or resulting from the performance of such services by other persons or entities. ENGEO can also not be held responsible from any and all claims arising or resulting from clarifications, adjustments, modifications, discrepancies or other changes necessary to reflect changed field or other conditions.

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1.8 SPECIAL TERMS AND CONDITIONS

ENGEO has prepared this report for the exclusive use of our client, William Lyon Homes, Inc. It is recognized and agreed that ENGEO has assumed responsibility only for undertaking the study for the client. The responsibility for disclosures or reports to a third party and for remedial or mitigative action shall be solely that of the client.

Laboratory testing of soil or groundwater samples was not within the scope of the contracted services. The assessment did not include an asbestos survey, an evaluation of lead-based paint, an inspection of light ballasts for polychlorinated biphenyls (PCBs), a radon evaluation, or a mold survey.

This report is based upon field and other conditions discovered at the time of preparation of ENGEO's assessment. Visual observations referenced in this report are intended only to represent conditions at the time of the reconnaissance. ENGEO would not be aware of site contamination, such as dumping and/or accidental spillage, that occurred subsequent to the reconnaissance conducted by ENGEO personnel.

2.0 RECORDS REVIEW

2.1 PROPERTY RECORDS

2.1.1 Title Report/Ownership

The Title Report lists recorded land title detail, ownership fees, leases, land contracts, easements, liens, deficiencies, and other encumbrances attached to or recorded against a subject property. Laws and regulations pertaining to land trusts vary from state to state and the detail of information presented in a Title Report can vary greatly by jurisdiction. As a result, ENGEO utilizes a Title Report, when provided to us, as a supplement to other historical record sources.

A Preliminary Title Report for the Property, prepared by First American Title Company and dated September 28, 2017, was provided for our review. The Property title is vested in ALVES RANCH, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY. No references to environmental liens, deed restrictions or other potential environmental issues were noted. This report is included in Appendix D.

2.2 PREVIOUS ENVIRONMENTAL REPORTS

ENGEO, Phase I Environmental Site Assessment, Alves Property, West Leland Road, Pittsburg, California, March 9, 2001. Project #3328.1.051.01

ENGEO completed a Phase I ESA that included a portion of the Property on March 9, 2001. The ESA determined that some hazardous compounds were being stored in containers on portions of the 320-acre site. These chemicals were being stored was located south of the subject Property. Environmental sampling of these areas was recommended.

ENGEO, Phase II Environmental Site Assessment, Alves Ranch, West Leland Road, Pittsburg, California, June 13, 2003. Project #3328.1.056.01

ENGEO completed a phase II ESA in June 2003 for a site south of the Property. This investigation was initiated based off the recommendations from the phase I ESA completed in March 2001. The site was located just south of West Leland Road, with the subject Property being located north. Soils at the site were found to have petroleum contamination, and it was recommended for soil to be excavated and encapsulated in the West Leland Road right-of-way. Lead and asbestos-containing materials were identified as well during a survey.

ENGEO, Environmental Services Associated with Former Underground Storage Tanks, Vista Del Mar, Pittsburg, California, December 27, 2005. Project #3328.1.060.01

ENGEO observed excavation activities in the vicinity of former USTs, previously removed in 1994. Documentation including applications, inspections, and removal permits for the three USTs were received and reviewed by ENGEO personnel (see Section 2.5 of this report). ENGEO also completed confirmation sampling of the excavation area to ensure all impacted materials were removed.

The report states that the approximately 2,800 cubic yards of hydrocarbon-impacted soils were placed in a street section of West Leland Road extension, with approval from the Contra Costa County Department of Environmental Health. The soil cross section shows that the material was

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buried at a depth of a least 33 feet below the current grade. Given the depth of encapsulation and based on a review of the June 2003 phase II ESA, soil concentrations within the excavated material would not be expected to pose a risk to human health or environmental health. Therefore, the encapsulated soils do not pose a health risk to the planned development at the subject Property.

ENGEO, Debris-Fill Assessment, Alves Ranch, Pittsburg, California, December 8, 2003. Project #3328.1.058.01

ENGEO completed a debris-fill assessment in December of 2003. The scope of work included the excavation of 18 test pits, soil screening and logging, recovery of soil samples, and laboratory analyses. Approximately 8,600 cubic yards of refuse-laden soil were identified in the center of the Property. An estimated 1,700 cubic yards of refuse were recommended to be excavated and disposed of offsite. Sampling results exhibited concentrations below regulatory threshold values. ENGEO recommended the material be excavated and encapsulated under the West Leland Road section.

ENGEO, Demolition and Excavation Observation Report, Vista Del Mar, Pittsburg, California, January 17, 2006. Project #3328.1.060.01

ENGEO performed observation and sampling services during excavation of debris-filled material at the Property. The material was identified in the Debris-Filled Assessment performed by ENGEO in December 2003 (summarized above). All material larger than 3 inches in diameter were removed from the debris-fill area. Removed fill was encapsulated under street sections at a depth of over 40 feet below ground surface. ENGEO collected samples, which resulted in no detections over environmental screening levels.

2.3 HISTORICAL RECORD SOURCES

The purpose of the historical record review is to develop a history of the previous uses or occupancies of the Property and surrounding area in order to identify those uses or occupancies that are likely to have led to recognized environmental conditions on the Property.

2.3.1 Historical Topographic Maps

Historical USGS topographic maps were reviewed to determine if discernible changes in topography or improvements pertaining to the Property had been recorded. The following maps were provided to us through an EDR Historical Topographic Map Report, presented in Appendix C.

TABLE 2.3.1-1: Historical Topographic Maps

QUAD	YEAR	DESCRIPTION
Honker Bay/Clayton	2012	Property: No changes were noted from the 1907 map. Adjoining: The area north and south of the Property are shown as developed with residential and commercial areas. The harbor has been developed as well.
Clayton/Honker Bay	1994,1997/ 1980/ 1973/ 1968	Property: No changes were noted from the 1907 maps. Adjoining: The area north of the highway continues to show development, with added neighborhoods, harbor areas, and West Pittsburg is shown.

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QUAD	YEAR	DESCRIPTION
Clayton/Honker Bay	1953	Property: No changes were noted from the 1907 map. Adjoining: The surrounding area has shown much development, with the California Delta Highway being built along the northern border of the Property. The city of Ambrose has formed north of the highway, and various harbor projects have been developed.
Honker Bay/ Antioch	1918/ 1908,1912	Property: No changes were noted from the 1907 map. Adjoining: No major changes were noted from the 1907 map.
Antioch	1907	Property: The Property is undeveloped, except for one road that bisects it north to south. Adjoining: The surrounding areas are mostly undeveloped with a few roads and small structures. A railroad line is located north of the Property, along Honker Bay.

2.3.2 Aerial Photographs

The following aerial photographs, provided by EDR, were reviewed for information regarding past conditions and land use at the Property and in the immediate vicinity. These photographs are presented in Appendix E.

TABLE 2.3.2-1: Aerial Photographs

YEAR	DESCRIPTION
2012/ 2010/ 2009	Property: The Property no longer has material storage, and the swale/berm area appears to be completely developed. Adjoining: The majority of the areas directly south of the Property have developed, with residential developments.
2006	Property: The Property appears to have been graded, and various materials appear to have been stored on the Property. One structure appears to have been built near the center of the southern property boundary. Adjoining: The area directly south of the Property has been graded, with some paved roads being built. A large swale/berm appears to be constructed in the northern area at the center of the Property.
2005	Property: No changes were noted from the 1937 photograph. Adjoining: The areas to the southeast of the Property have developed with residential developments.
1998/ 1993	Property: No changes were noted from the 1937 photograph. Adjoining: The areas to the southwest of the Property have developed with residential developments.
1984/ 1979/ 1966/ 1963/ 1958	Property: No changes were noted from the 1937 photograph. Adjoining: The areas north of the Property have been developed with residential neighborhoods. The California Delta Highway was constructed along the northern border of the Property.
1939/ 1937	Property: The Property is undeveloped, except for one road that bisects it north to south. Adjoining: The surrounding areas are mostly undeveloped with a few roads and small structures. There is a sparsely developed residential area north of the Property.

2.3.3 Fire Insurance Maps

EDR prepared a Sanborn Fire insurance map search for the Property and surrounding properties. EDR reported that no maps were available for the Property and surrounding properties.

2.3.4 City Directory

City Directories, published since the 18th century for major towns and cities, lists the name of the resident or business associated with each address. As no physical address was available for the Property, no results can be cross-referenced with the directory. The listings are primarily associated with residential uses, with some various businesses. The directory shows results for Alves Ranch Road and West Leland Road. A city directory search conducted by EDR is located in Appendix F.

2.4 ENVIRONMENTAL RECORD SOURCES

EDR performed a search of federal, tribal, state, and local databases regarding the Property and nearby properties. Details regarding the databases searched by EDR are provided in Appendix A. A list of the facilities documented by EDR within the approximate minimum search distance of the Property is provided below.

2.4.1 Standard Environmental Records

2.4.1.1 Subject Property

The following database(s) include(s) facilities listed within the appropriate ASTM search distances of the Property on Standard Environmental Records source databases.

TABLE 2.4.1.1-1

FACILITY	STREET	DATABASE(S)
Alves Ranch 11- Acre School Site	West Leland And Alves Ranch Roads	ENVIROSTOR

2.4.1.2 Other Properties

The following database(s) include(s) facilities listed within the appropriate ASTM search distances of the Property on Standard Environmental Records sources.

TABLE 2.4.1.2-1

FACILITY	STREET	DATABASE(S)
Acme Packaging (Corp Bay Point)	761 Port Chicago Highway	CORRACTS, ENVIROSTOR, RCRA-TSDF, SEMS-ARCHIVE
Criterion Catalysts & Technologies Lp	2840 Willow Pass Rd	CORRACTS, SEMS-ARCHIVE, RCRA-SQG, RCRA-TSDF, AST, ENVIROSTOR, ENVIROSTOR
Dexter Corporation - Hyso	2850 Willow Pass	SLIC, ENVIROSTOR
Dossey Old Dutch Pride Dairy	3215 Willow Pass Rd	LUST
Eugene Alves Construction Company	571 Alves Ranch Rd	LUST

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FACILITY	STREET	DATABASE(S)
Hertz Realty	3515 Willow Pass Rd	LUST
Oak Hills South	Woodhill Dr @ West Leland Rd	SLIC
San Marcos Elementary School	Highway 4/Willow Pass Road	ENVIROSTOR
Tower Mart #93	3575 Willow Pass Rd.	LUST

2.4.2 Additional Environmental Records

2.4.2.1 Subject Property

The following database(s) include(s) facilities listed within the appropriate ASTM search distances of the Property on the Additional Environmental Record source databases.

TABLE 2.4.2.1-1

FACILITY	STREET	DATABASE(S)
Alves Ranch 11- Acre School Site	West Leland And Alves Ranch Roads	SCH
Alves Ranch Residential Devel	S. Of Highway 4	FINDS

2.4.2.2 Other Properties

The following database(s) include(s) facilities listed within the appropriate ASTM search distances of the Property on the Additional Environmental Record sources.

TABLE 2.4.2.2-1

FACILITY	STREET	DATABASE(S)
Acme Packaging (Corp Bay Point)	761 Port Chicago Highway	ECHO, EMI, FINDS, HAZNET, HWP, RCRA-NLR, SL CONTRA COSTA, WDS
City of Pittsburg	2500 Tomales Bay Dr	EMI, SL CONTRA COSTA
Concord Naval Weapons Station		DOD
Criterion Catalysts & Technologies Lp	2840 Willow Pass Rd	2020 CORRECTIVE ACTION, HAZNET, SL CONTRA COSTA, CHMIRS, NPDES, ENF, HWP
Dexter Corporation - Hyso	2850 Willow Pass	CHMIRS, HIST CORTESE, NPDES
Dossey Old Dutch Pride Dairy	3215 Willow Pass Rd	SL CONTRA COSTA, HIST CORTESE
Eugene Alves Construction Company	571 Alves Ranch Rd	SL CONTRA COSTA, HIST CORTESE
Golden State Water Co/Bay Point	38 Hill St	SL CONTRA COSTA
Hertz Realty	3515 Willow Pass Rd	SL CONTRA COSTA, HIST CORTESE, ENF
Kiewit Pacific Co	1750 W Leland Rd	SL CONTRA COSTA
S F Bay Area Rapid Transit Dis	1700 W Leland Avenue	EMI, SL CONTRA COSTA
San Marcos Elementary School	Highway 4/Willow Pass Road	SCH
The Sun Recycling Center	3315 Willow Pass Rd	SWRCY

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Based on the distances to the identified database sites, regional topographic gradient, and the EDR findings, it is unlikely that the above-stated database sites pose an environmental risk to the Property. The majority of the properties that are on the "Orphan Summary" list appear to be located beyond the ASTM recommended radius search criteria. Orphan Summary sites were reviewed and determined to likely pose no environmental risk to the Property.

2.5 REGULATORY AGENCY FILES AND RECORDS

The following agencies were contacted pertaining to possible past development and/or activity at the Property.

TABLE 2.5-1: Regulatory Agency Records

NAME OF AGENCY	RECORDS REVIEWED
City of Pittsburg Code Enforcement	The City of Pittsburg Code Enforcement Department did not identify records for the Property.
City of Pittsburg Fire District	The City of Pittsburg Fire District referred us to the Contra Costa County Fire Department.
City of Pittsburg Engineering	The City of Pittsburg Engineering Department did not have internal records but did refer us to the DTSC online resources.
Contra Costa County Department of Conservation & Development	The Contra Costa County Department of Conservation & Development did not identify records for the Property.
Contra Costa County Health Services Department	ENGEO reviewed two permit applications for well destruction of a well at a site near the subject Property. No files were available for the Property.
Contra Costa County Health Services – Hazardous Materials Program (Env. Health Dept.)	The Department of Environmental Health forwarded our records request to the Hazardous Materials Program. They provided applications, inspections, and removal permits for the three former USTs that were removed in 1994. The tank volumes were 2,000 (regular), 3,000 (unleaded), and 10,000 (diesel) gallons, respectively. Unauthorized release reports and tank closure reports were also received and reviewed. A site closure letter was also received for the Property, dated July 21, 1997. It stated that the CCCHSD will not require any additional work at the site.
Contra Costa County Fire Protection District	We did not receive a response form the Contra Costa County Fire Protection District by the time of the completion of this report.
Contra Costa County Assessor's Office	The Contra Costa County Assessor's Office website was accessed and the APN (097-700-002-5) was confirmed for the Property.
California State Water Resources Control Board	GeoTracker, the State Water Resources Control Board website, was accessed and files related to environmental histories were reviewed. All of the cases reviewed within one mile of the Property were determined to likely not pose an environmental risk to the planned development.
Department of Toxic Substances Control	EnviroStor, the DTSC website, was accessed and files related to environmental histories were reviewed. All of the cases reviewed within one mile of the Property were determined to likely not pose an environmental risk to the planned development.

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3.0 SITE RECONNAISSANCE

3.1 METHODOLOGY

ENGEO conducted a reconnaissance of the Property on November 20, 2017. The reconnaissance was performed by Stephen Fallon, a Project Engineer of ENGEO. The Property was viewed for hazardous materials storage, superficial staining or discoloration, debris, stressed vegetation, or other conditions that may be indicative of potential sources of soil or groundwater contamination. The Property was also checked for evidence of fill/ventilation pipes, ground subsidence, or other evidence of existing or preexisting underground storage tanks. Photographs taken during the site reconnaissance are presented in Figures 4A through 4C.

3.2 GENERAL SITE SETTING

The Property is an undeveloped lot with a large drainage swale area near the northern central portion of the Property. We observed fences and drainage canals along the Property boundary. One paved asphalt area was observed near the main entrance gate.

3.3 EXTERIOR OBSERVATIONS

The following table summarizes our observations during the reconnaissance:

TABLE 3.3-1: Exterior Site Observations

FEATURE TYPE	OBSERVATIONS
Structures	We did not observe structures at the time of our reconnaissance.
Hazardous Substances and Petroleum Products/Containers	No hazardous substances were identified during our reconnaissance.
Storage Tanks (underground and above-ground)	No USTs or ASTs were identified during our reconnaissance.
Odors	No odors were identified during our reconnaissance.
Pools of Potentially Hazardous Liquid	No pools of any liquid were identified during our reconnaissance.
Drums	No drums were identified during our reconnaissance.
Polychlorinated Biphenyls (PCBs)	No PCB containing appurtenances, such as transformers, were identified during our reconnaissance.
Pits, Ponds, and Lagoons	A large drainage swale exists to the north of the Property, which is fed stormwater via drainage canals.
Stained Soil/Pavement	No staining was identified during our reconnaissance.
Stressed Vegetation	No stressed vegetation was identified during our reconnaissance.
Solid Waste/Debris	Various inert trash was observed, but no large-scale debris was observed during our reconnaissance.
Stockpiles/Fill Material	No stockpiles or fill material were identified during our reconnaissance.
Wastewater	Other than the drainage swales described above, no wastewater conveyance systems were identified during our site reconnaissance.
Wells	No evidence of wells was identified during our reconnaissance.
Septic Systems	No evidence of septic systems was identified during our reconnaissance.

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3.4 ASBESTOS-CONTAINING MATERIALS AND LEAD-BASED PAINT

An asbestos and lead-based paint survey was not conducted as part of this assessment. No structures are currently located on the Property.

3.5 INDOOR AIR QUALITY

An evaluation of indoor air quality, mold, or radon was not included as part of the contracted scope of services. The California Department of Health Services has conducted studies of radon risks throughout the state, sorted by zip code. Results of the studies indicate that 34 tests were conducted within the Property zip code, with 2 tests exceeding the current EPA action level of 4 picocuries per liter {pCi/L}[1]).

In accordance with ASTM E2600-10 (Tier 1) (*Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*); There are no potential petroleum hydrocarbon sources for vapor intrusion within 1/10 mile of the Property or volatile organic compound (VOCs) sources within 1/3 mile of the Property.

As mentioned in Section 2.2, soil impacted with petroleum hydrocarbons was encapsulated under the road at the intersection of West Leland Road and Alves Ranch Road. The material was buried at an approximate depth of greater than 30 feet below the road with approval of Contra Costa Department of Environmental Health. Given the reported petroleum hydrocarbon concentrations and the vertical/lateral distance from the encapsulation area to the study area, this is not considered to pose an environmental concern or a vapor intrusion concern.

4.0 INTERVIEWS

Completed Key Site Manager and client environmental site assessment questionnaires pertaining to applicable past and present uses and physical characteristics of the Property and surrounding properties were not received at the time of the completion of this report.

5.0 EVALUATION

5.1 OPINIONS AND DATA GAPS

The following data gaps were identified during the environmental investigation:

- ENGEO did not receive the Key Site Manager or client ESA questionnaire at the time of the completion of this report.
- The Contra Costa County Fire Protection District did not respond as of the completion of this report.

It is our opinion that the findings of this study are based on a sufficient level of information obtained during our contracted scope of services to render a conclusion as to whether additional

[1] California Department of Public Health – Radon Program (https://www.cdph.ca.gov/Programs/CEH/DRSEM/CDPH%20Document%20Library/EMB/Radon/Radon%20Test%20Results.pdf).

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appropriate investigation is required to identify the presence or likely presence of a REC. The data gaps identified during this process do not affect the conclusions as to the presence or lack of presence of RECs at the Property.

5.2 FINDINGS AND CONCLUSIONS

The study included a review of local, state and federal environmental record sources, standard historical sources, aerial photographs, fire insurance maps and physical setting sources; a reconnaissance of the Property to review site use and current conditions to check for the storage, use, production or disposal of hazardous or potentially hazardous materials; and interview with persons knowledgeable about current and past site use.

The site reconnaissance and records review did not find documentation or physical evidence of soil or groundwater impairments associated with the use of the Property. A review of regulatory databases maintained by county, state, and federal agencies found no documentation of hazardous materials violations or discharge on the Property. A review of regulatory agency records and available databases did not identify contaminated facilities within the appropriate ASTM search distances that would be expected to impact the Property.

Based on the findings of this assessment, no Recognized Environmental Conditions (RECs) and no historical RECs were identified for the Property.

Based on the review of regulatory databases and site reconnaissance, we have identified a controlled REC (CREC):

- Petroleum hydrocarbon impacted soils were removed from an area south of the Property and encapsulated below the road section at the intersection of West Leland Road and Alves Ranch Road. Although encapsulated adjacent to the Property, given the depth of encapsulation (greater than 30 feet below ground surface), the presence of this material is not considered to pose an environmental concern for residential development of the Property.

ENGEO has performed a phase I environmental site assessment in general conformance with the scope and limitations of ASTM E1527-13 and the standards and practices of the All Appropriate Inquiry – Final Rule (40 Code of Federal Regulations Part 312). This assessment has revealed no evidence of RECs in connection with the Property.

ENGEO recommends no further environmental studies at this time.

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SELECTED REFERENCES

Dibblee, T.W., and Minch, J.A., 2006, Geologic map of the Vine Hill & Honker Bay quadrangles, Contra Costa & Solano Counties, California: Dibblee Geological Foundation, Dibblee Foundation Map DF-191, scale 1:24,000.

Google Maps (http://maps.google.com)

California Department of Water Resources (http://www.water.ca.gov/waterdatalibrary/)

California Department of Conservation (DOGGR) (http://maps.conservation.ca.gov/doms/doms-app.html)

California Department of Public Health – Radon Program (https://www.cdph.ca.gov/Programs/CEH/DRSEM/CDPH%20Document%20Library/EMB/Radon/Radon%20Test%20 Results.pdf).

ENGEO, Phase I Environmental Site Assessment, Alves Property, West Leland Road, Pittsburg, California, March 9, 2001. Project #3328.1.051.01.

ENGEO, Phase II Environmental Site Assessment, Alves Ranch, West Leland Road, Pittsburg, California, June 13, 2003. Project #3328.1.056.01.

ENGEO, Environmental Services Associated with Former Underground Storage Tanks, Vista Del Mar, Pittsburg, California, December 27, 2005. Project #3328.1.060.01.

ENGEO, Debris-Fill Assessment, Alves Ranch, Pittsburg, California, December 8, 2003. Project #3328.1.058.01.

ENGEO, Demolition and Excavation Observation Report, Vista Del Mar, Pittsburg, California, January 17, 2006. Project #3328.1.060.01.

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FIGURES

FIGURE 1: Vicinity Map
FIGURE 2: Site Plan
FIGURE 3: APN Map
FIGURE 4A-4C: Site Reconnaissance Photographs

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N

0 FEET 2000

0 METERS 1000

BASE MAP SOURCE: GOOGLE EARTH MAPPING SERVICE

ENGEO Expect Excellence

VICINITY MAP

ALVES RANCH

PITTSBURG, CALIFORNIA

PROJECT NO.: P2017.001.652	FIGURE NO. 1
SCALE: AS SHOWN	
DRAWN BY: SRP	CHECKED BY: SPM

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ORIGINAL FIGURE PRINTED IN COLOR

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N

0 FEET 400
0 METERS 200

BASE MAP SOURCE: GOOGLE EARTH MAPPING SERVICE

ENGEO Expect Excellence

SITE PLAN
ALVES RANCH
PITTSBURG, CALIFORNIA

PROJECT NO.: P2017.001.652
SCALE: AS SHOWN
DRAWN BY: SRP
CHECKED BY: SPM

FIGURE NO. 2

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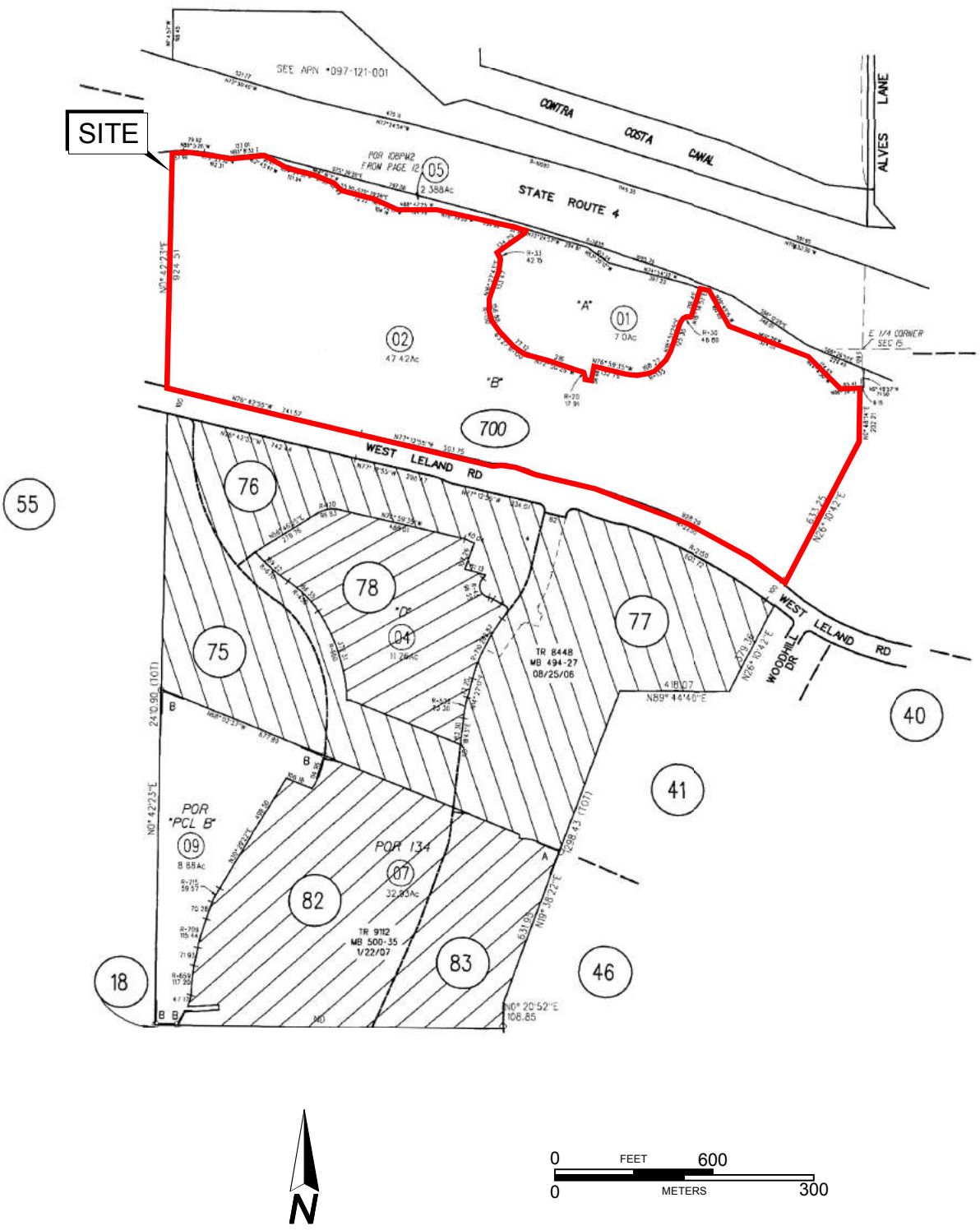

BASE MAP SOURCE: CONTRA COSTA COUNTY

ENGEO Expect Excellence

ASSESSOR'S PARCEL MAP

ALVES RANCH

PITTSBURG, CALIFORNIA

PROJECT NO.: P2017.001.652	FIGURE NO. 3
SCALE: AS SHOWN	
DRAWN BY: SRP	CHECKED BY: SPM

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ASPHALT AREA NEAR MAIN GATE

DRAINAGE ALONG WESTERN PROPERTY BOUNDARY

ELECTRICAL UTILITY NEAR SOUTHWEST PROPERTY BOUNDARY

INFILTRATION AREA

ENGEO Expect Excellence

SITE PHOTOGRAPHS

ALVES RANCH

PITTSBURG, CALIFORNIA

PROJECT NO.: P2017.001.652	FIGURE NO. 4A
SCALE: NO SCALE	
DRAWN BY: SRP	CHECKED BY: SPM

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INSIDE INFILTRATION MANHOLE

OLD EQUIPMENT NEAR MAIN GATE

SEWER MANHOLE NEAR MAIN GATE

STORM DRAIN MANHOLE NEAR
WESTERN PROPERTY BOUNDARY

ENGEO Expect Excellence

SITE PHOTOGRAPHS
ALVES RANCH
PITTSBURG, CALIFORNIA

PROJECT NO.: P2017.001.652	FIGURE NO. 4B
SCALE: NO SCALE	
DRAWN BY: SRP	CHECKED BY: SPM

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SWALE AREA NORTH OF PARCEL

VIEW LOOKING SOUTH

WATER MANHOLE ALONG SOUTHEAST PROPERTY BOUNDARY

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SITE PHOTOGRAPHS

ALVES RANCH

PITTSBURG, CALIFORNIA

PROJECT NO.: P2017.001.652	FIGURE NO. 4C
SCALE: NO SCALE	
DRAWN BY: SRP	CHECKED BY: SPM

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ORIGINAL FIGURE PRINTED IN COLOR

APPENDIX A

ENVIRONMENTAL DATA RESOURCES, INC.

Radius Map Report

Alves Ranch
Alves Ranch Rd and W Leland Rd.
Pittsburg, CA 94565

Inquiry Number: 05098367.2r
November 06, 2017

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

ALVES RANCH RD AND W LELAND RD.
PITTSBURG, CA 94565

COORDINATES

Latitude (North):	38.0192000 - 38° 1' 9.12''
Longitude (West):	121.9562100 - 121° 57' 22.35''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	591621.6
UTM Y (Meters):	4208253.5
Elevation:	222 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5619720 HONKER BAY, CA
Version Date:	2012
South Map:	5640430 CLAYTON, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140606
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
ALVES RANCH RD AND W LELAND RD.
PITTSBURG, CA 94565

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	ALVES RANCH 11- ACRE	WEST LELAND AND ALVE	ENVIROSTOR, SCH		TP
A2	ALVES RANCH RESIDENT	S. OF HIGHWAY 4	FINDS		TP
Reg	CONCORD NAVAL WEAPON		DOD	Same	4935, 0.935, NNW
3	KIEWIT PACIFIC CO	1750 W LELAND RD	CONTRA COSTA CO. SITE LIST	Lower	311, 0.059, SE
4	EUGENE ALVES CONSTRU	571 ALVES RANCH	LUST, HIST CORTESE, CONTRA COSTA CO. SITE LIST	Lower	743, 0.141, ENE
5	S F BAY AREA RAPID T	1700 W LELAND AVENUE	EMI, CONTRA COSTA CO. SITE LIST	Lower	777, 0.147, ESE
6	GOLDEN STATE WATER C	38 HILL ST	CONTRA COSTA CO. SITE LIST	Lower	894, 0.169, North
7	EUGENE ALVES CONSTRU	571 ALVES RANCH RD	LUST	Lower	1060, 0.201, NE
8	CITY OF PITTSBURG	2500 TOMALES BAY DR	EMI, CONTRA COSTA CO. SITE LIST	Higher	1206, 0.228, SSW
9	OAK HILLS SOUTH	WOODHILL DR @ WEST L	SLIC	Lower	1412, 0.267, ESE
10	TOWER MART #93	3575 WILLOW PASS RD.	LUST	Lower	1939, 0.367, NNW
11	HERTZ REALTY	3515 WILLOW PASS RD	LUST, ENF, HIST CORTESE, CONTRA COSTA CO. SITE...	Lower	2059, 0.390, North
12	THE SUN RECYCLING CE	3315 WILLOW PASS RD	SWRCY	Lower	2250, 0.426, NNE
13	DOSSEY OLD DUTCH PRI	3215 WILLOW PASS RD	LUST, HIST CORTESE, CONTRA COSTA CO. SITE LIST	Lower	2452, 0.464, NNE
14	SAN MARCOS ELEMENTAR	HIGHWAY 4/WILLOW PAS	ENVIROSTOR, SCH	Higher	2865, 0.543, SW
B15	DEXTER CORPORATION -	2850 WILLOW PASS	ENVIROSTOR, SLIC, CHMIRS, HIST CORTESE, NPDES	Lower	3408, 0.645, NE
B16	CRITERION CATALYSTS	2840 WILLOW PASS RD	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-SQG, AST,	Lower	3408, 0.645, NE
C17	CRITERION CATALYST	2840 WILLOW PASS	ENVIROSTOR, AST, CHMIRS, ENF, NPDES, CONTRA COSTA	Lower	4256, 0.806, NE
C18	CRITERION CATALYSTS	2840 WILLOW PASS ROA	ENVIROSTOR, HWP	Lower	4256, 0.806, NE
D19	ACME PACKAGING CORP	761 PORT CHICAGO HIG	ENVIROSTOR, FINDS, ECHO, EMI, HAZNET, HWP, CONTRA..	Lower	5079, 0.962, North
D20	ACME PACKAGING	761 PORT CHICAGO HIG	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA NonGen /..	Lower	5079, 0.962, North

EXECUTIVE SUMMARY

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
ALVES RANCH 11- ACRE WEST LELAND AND ALVE PITTSBURG, CA 94565	ENVIROSTOR Facility Id: 60000160 Status: No Action Required SCH Facility Id: 60000160 Status: No Action Required	N/A
ALVES RANCH RESIDENT S. OF HIGHWAY 4 PITTSBURG, CA 94565	FINDS Registry ID:: 110066603517	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 non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-LQG ---- RCRA - Large Quantity Generators
RCRA-SQG ---- RCRA - Small Quantity Generators
RCRA-CESQG ---- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS ---- 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 landfill and/or solid waste disposal site lists

SWF/LF ---- Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST ---- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---- Underground Storage Tank Listing
UST ---- Active UST Facilities
AST ---- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP ---- Voluntary Cleanup Program Properties
INDIAN VCP ---- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ---- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ---- Waste Management Unit Database

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
ODI Open Dump Inventory
IHS OPEN DUMPS Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL Delisted National Clandestine Laboratory Register
HIST Cal-Sites Historical Calsites Database
CDL Clandestine Drug Labs
Toxic Pits Toxic Pits Cleanup Act Sites
US CDL National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

SWEEPS UST SWEEPS UST Listing
HIST UST Hazardous Substance Storage Container Database
CA FID UST Facility Inventory Database

Local Land Records

LIENS Environmental Liens Listing
LIENS 2 CERCLA Lien Information
DEED Deed Restriction Listing

Records of Emergency Release Reports

HMIRS Hazardous Materials Information Reporting System
CHMIRS California Hazardous Material Incident Report System
LDS Land Disposal Sites Listing
MCS Military Cleanup Sites Listing
SPILLS 90 SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR RCRA - Non Generators / No Longer Regulated
FUDS Formerly Used Defense Sites
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR Financial Assurance Information
EPA WATCH LIST EPA WATCH LIST
2020 COR ACTION 2020 Corrective Action Program List
TSCA Toxic Substances Control Act
TRIS Toxic Chemical Release Inventory System
SSTS Section 7 Tracking Systems
ROD Records Of Decision
RMP Risk Management Plans
RAATS RCRA Administrative Action Tracking System
PRP Potentially Responsible Parties
PADS PCB Activity Database System
ICIS Integrated Compliance Information System
FTTS FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS Material Licensing Tracking System
COAL ASH DOE Steam-Electric Plant Operation Data

COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
ECHO	Enforcement & Compliance History Information
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
ICE	ICE
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
Notify 65	Proposition 65 Records
UIC	UIC Listing
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto	EDR Exclusive Historic Auto Stations
EDR Hist Cleaner	EDR Exclusive Historic 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.

EXECUTIVE SUMMARY

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 CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/13/2017 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CRITERION CATALYSTS	***2840 WILLOW PASS RD***	***NE 1/2 - 1 (0.645 mi.)***	***B16***	***41***
ACME PACKAGING	***761 PORT CHICAGO HIG***	***N 1/2 - 1 (0.962 mi.)***	***D20***	***92***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 07/31/2017 has revealed that there are 5 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN MARCOS ELEMENTAR	***HIGHWAY 4/WILLOW PAS***	***SW 1/2 - 1 (0.543 mi.)***	***14***	***33***
Facility Id: 7000001				
Status: No Action Required				

Lower Elevation	Address	Direction / Distance	Map ID	Page
DEXTER CORPORATION -	***2850 WILLOW PASS***	***NE 1/2 - 1 (0.645 mi.)***	***B15***	***35***
Facility Id: 7280085				
Status: No Further Action				
CRITERION CATALYST	***2840 WILLOW PASS***	***NE 1/2 - 1 (0.806 mi.)***	***C17***	***66***

Facility Id: 7280025
Status: Refer: RCRA

CRITERION CATALYSTS	***2840 WILLOW PASS ROA***	***NE 1/2 - 1 (0.806 mi.)***	***C18***	***82***
Facility Id: 80001297 Status: No Action Required				
ACME PACKAGING CORP	***761 PORT CHICAGO HIG***	***N 1/2 - 1 (0.962 mi.)***	***D19***	***85***
Facility Id: 80001372 Status: Inactive - Needs Evaluation				

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
EUGENE ALVES CONSTRU	***571 ALVES RANCH***	***ENE 1/8 - 1/4 (0.141 mi.)***	***4***	***11***
Database: LUST, Date of Government Version: 06/12/2017 Status: Completed - Case Closed Global Id: T0601300603				
EUGENE ALVES CONSTRU	571 ALVES RANCH RD	NE 1/8 - 1/4 (0.201 mi.)	7	17
Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Id: 07-0653 Facility Status: Case Closed date9: 9/22/1997				
TOWER MART #93	3575 WILLOW PASS RD.	NNW 1/4 - 1/2 (0.367 mi.)	10	20
Database: LUST, Date of Government Version: 06/12/2017 Status: Completed - Case Closed Global Id: T0601370039				
HERTZ REALTY	***3515 WILLOW PASS RD***	***N 1/4 - 1/2 (0.390 mi.)***	***11***	***22***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 06/12/2017 Status: Completed - Case Closed Facility Id: 07-0703 Facility Status: Pollution Characterization Global Id: T0601300650				
DOSSEY OLD DUTCH PRI	***3215 WILLOW PASS RD***	***NNE 1/4 - 1/2 (0.464 mi.)***	***13***	***32***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 06/12/2017 Status: Completed - Case Closed Facility Id: 07-0505 Facility Status: Case Closed Global Id: T0601300466 date9: 3/21/1997				

EXECUTIVE SUMMARY

SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the SLIC list, as provided by EDR, has revealed that there is 1 SLIC site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OAK HILLS SOUTH	WOODHILL DR @ WEST L	ESE 1/4 - 1/2 (0.267 mi.)	9	19
Database: SLIC REG 2, Date of Government Version: 09/30/2004				
Facility Id: SL20285903				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 09/11/2017 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE SUN RECYCLING CE	3315 WILLOW PASS RD	NNE 1/4 - 1/2 (0.426 mi.)	12	31
Cert Id: RC158907.001				

Other Ascertainable Records

DOD: 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.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CONCORD NAVAL WEAPON		NNW 1/2 - 1 (0.935 mi.)	0	10

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 HIST CORTESE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
EUGENE ALVES CONSTRU	***571 ALVES RANCH***	***ENE 1/8 - 1/4 (0.141 mi.)***	***4***	***11***

Reg Id: 07-0653				
HERTZ REALTY	***3515 WILLOW PASS RD***	***N 1/4 - 1/2 (0.390 mi.)***	***11***	***22***
Reg Id: 07-0703				
DOSSEY OLD DUTCH PRI	***3215 WILLOW PASS RD***	***NNE 1/4 - 1/2 (0.464 mi.)***	***13***	***32***
Reg Id: 07-0505				

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 08/21/2017 has revealed that there are 2 HWP sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CRITERION CATALYSTS	***2840 WILLOW PASS ROA***	***NE 1/2 - 1 (0.806 mi.)***	***C18***	***82***
EPA Id: CAD000094243				
Cleanup Status: PROTECTIVE FILER				
ACME PACKAGING CORP	***761 PORT CHICAGO HIG***	***N 1/2 - 1 (0.962 mi.)***	***D19***	***85***
EPA Id: CAD041838855				
Cleanup Status: PROTECTIVE FILER				

CONTRA COSTA CO. SITE LIST: Lists includes sites from the Underground Tank Program, Hazardous Waste Generator Program & Business Plan 12185 Program

A review of the CONTRA COSTA CO. SITE LIST list, as provided by EDR, and dated 08/17/2017 has revealed that there are 5 CONTRA COSTA CO. SITE LIST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF PITTSBURG	***2500 TOMALES BAY DR***	***SSW 1/8 - 1/4 (0.228 mi.)***	***8***	***17***
Facility Id: FA0037880				

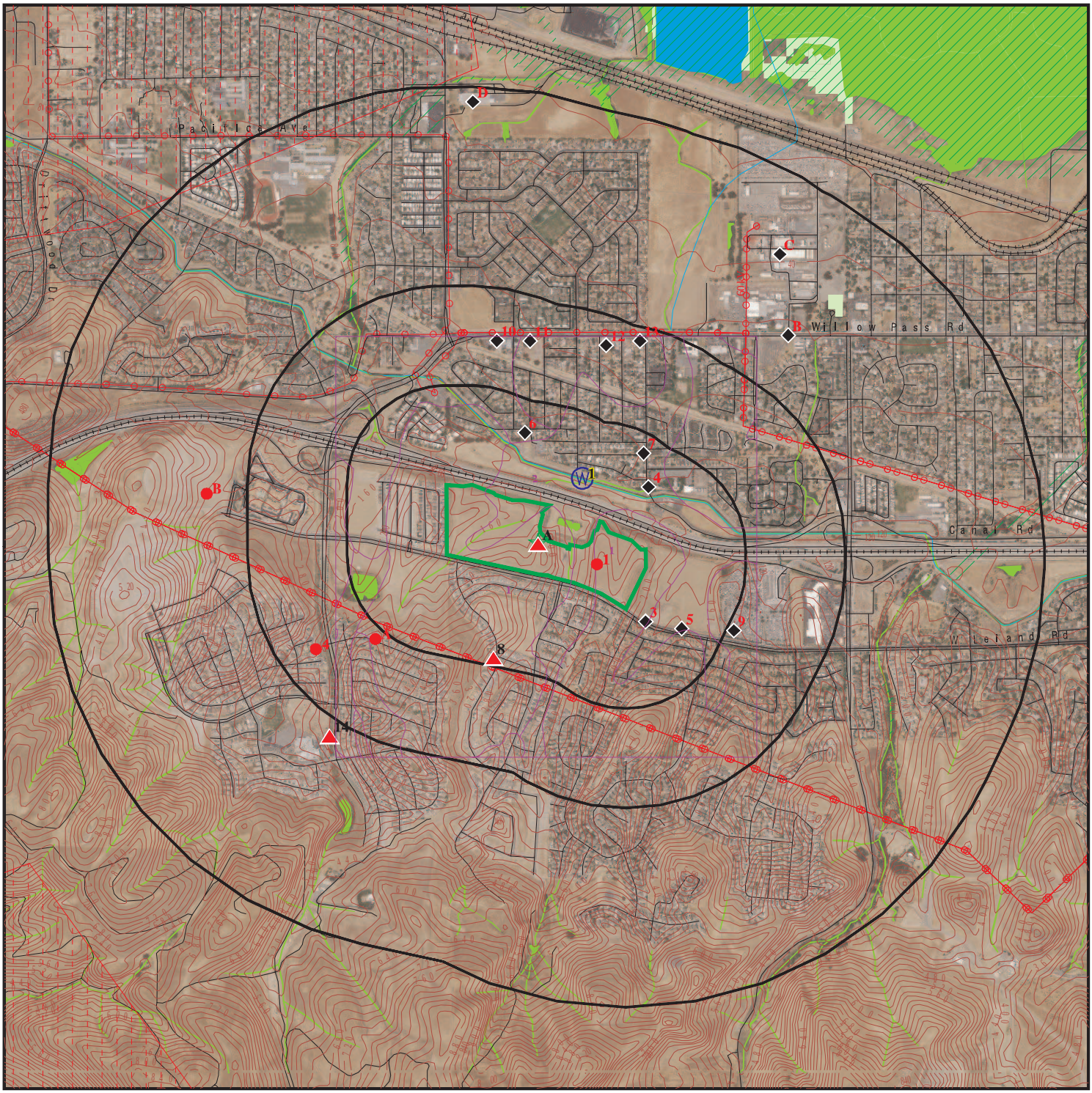
Lower Elevation	Address	Direction / Distance	Map ID	Page
KIEWIT PACIFIC CO	1750 W LELAND RD	SE 0 - 1/8 (0.059 mi.)	3	11
Facility Id: FA0028482				
EUGENE ALVES CONSTRU	***571 ALVES RANCH***	***ENE 1/8 - 1/4 (0.141 mi.)***	***4***	***11***
Facility Id: FA0032393				
S F BAY AREA RAPID T	***1700 W LELAND AVENUE***	***ESE 1/8 - 1/4 (0.147 mi.)***	***5***	***13***
Facility Id: FA0035155				
GOLDEN STATE WATER C	38 HILL ST	N 1/8 - 1/4 (0.169 mi.)	6	16
Facility Id: FA0028407				

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 10 records.

Site Name	Database(s)
EUGENE ALVES CONSTRUCTION COMPANY	RGA LUST
EUGENE ALVES CONSTRUCTION COMP	RGA LUST
EUGENE ALVES CONSTRUCTION CO	RGA LUST
ORDNANCE LANDFILL - BALDWIN PARK	SEMS-ARCHIVE
EUGENE G ALVES CONSTRUCTION COMPAN	HAZNET
EUGENE ALVES CONSTRUCTION COMPANY	FINDS
PACIFIC GAS AND ELECTRIC/SHELL - W	CA BOND EXP. PLAN
RANGE ROAD MIDDLE SCHOOL SITE	ENVIROSTOR, SCH
CONCORD AUTO CENTER SITE	ENVIROSTOR
KOCH CARBON INC.	ENVIROSTOR

OVERVIEW MAP - 05098367.2R



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

0 1/4 1/2 1 Miles

- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Upgradient Area
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Alves Ranch ADDRESS: Alves Ranch Rd and W Leland Rd. Pittsburg CA 94565 LAT/LONG: 38.0192 / 121.95621	CLIENT: Engeo Inc. CONTACT: Stephen Fallon INQUIRY #: 05098367.2r DATE: November 06, 2017 3:22 pm

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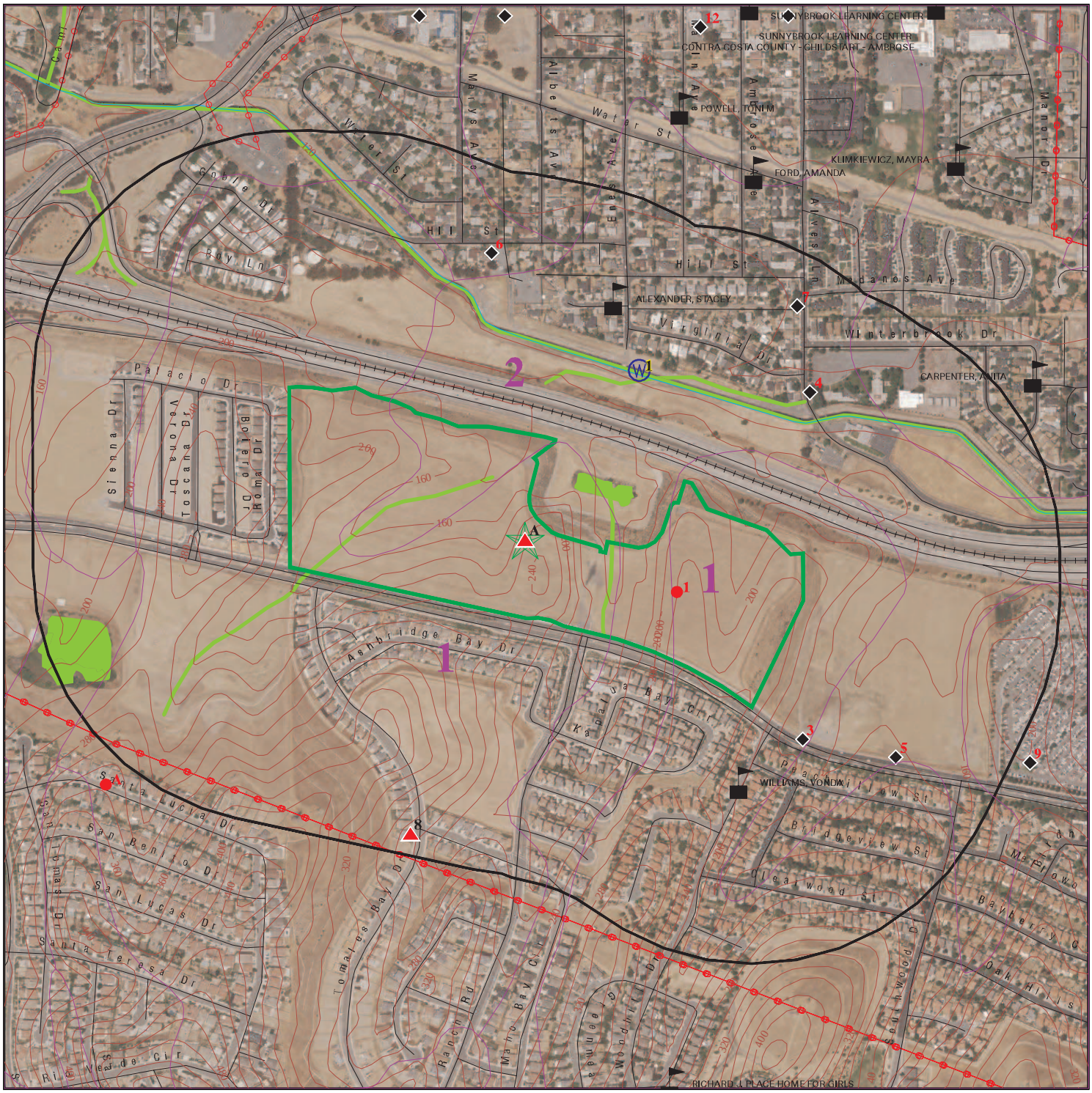
DETAIL MAP - 05098367.2R



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

0 1/8 1/4 1/2 Miles

- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Alves Ranch	CLIENT:	Engeo Inc.
ADDRESS:	Alves Ranch Rd and W Leland Rd. Pittsburg CA 94565	CONTACT:	Stephen Fallon
LAT/LONG:	38.0192 / 121.95621	INQUIRY #:	05098367.2r
		DATE:	November 06, 2017 3:29 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	2	NR	2
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000	1	0	0	0	5	NR	6
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	2	3	NR	NR	5

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	0	1	NR	NR	1
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	1	NR	NR	1
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250	1	0	0	NR	NR	NR	1
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	1	NR	1
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001	1	0	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	1	2	NR	NR	3
HWP	1.000		0	0	0	2	NR	2
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
CONTRA COSTA CO. SITE LIST	0.250		1	4	NR	NR	NR	5
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		3	1	7	7	10	0	28

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target Property

ALVES RANCH 11- ACRE SCHOOL SITE
WEST LELAND AND ALVES RANCH ROADS
PITTSBURG, CA 94565

ENVIROSTOR SCH
S118757074 N/A

Site 1 of 2 in cluster A

Actual: 222 ft.

ENVIROSTOR:

Facility ID:	60000160
Status:	No Action Required
Status Date:	08/18/2006
Site Code:	204171
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	11.3
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Mark Malinowski
Division Branch:	Northern California Schools & Santa Susana
Assembly:	14
Senate:	07
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	38.01817
Longitude:	-121.9560
APN:	NONE SPECIFIED
Past Use:	SCHOOL - HIGH SCHOOL
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	No Contaminants found
Potential Description:	SOIL
Alias Name:	Vista Del Mar
Alias Type:	Alternate Name
Alias Name:	204171
Alias Type:	Project Code (Site Code)
Alias Name:	60000160
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	02/09/2006
Comments:	Background info rcv'd for the PEA. No formal response required.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	08/18/2006
Comments:	DTSC approved the Phase I with a No Action determination.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	08/25/2006
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

ALVES RANCH 11- ACRE SCHOOL SITE (Continued) **S118757074**

Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/02/2006
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 60000160
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 11.3
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Site Code: 204171
Assembly: 14
Senate: 07
Special Program Status: Not reported
Status: No Action Required
Status Date: 08/18/2006
Restricted Use: NO
Funding: School District
Latitude: 38.01817
Longitude: -121.9560
APN: NONE SPECIFIED
Past Use: SCHOOL - HIGH SCHOOL
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: SOIL
Alias Name: Vista Del Mar
Alias Type: Alternate Name
Alias Name: 204171
Alias Type: Project Code (Site Code)
Alias Name: 60000160
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/09/2006
Comments: Background info rcv'd for the PEA. No formal response required.

ALVES RANCH 11- ACRE SCHOOL SITE (Continued) **S118757074**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	08/18/2006
Comments:	DTSC approved the Phase I with a No Action determination.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	08/25/2006
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/02/2006
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

A2
Target Property
Actual: 222 ft.

ALVES RANCH RESIDENTIAL DEVEL **FINDS** **1023363023**
S. OF HIGHWAY 4 **N/A**
PITTSBURG, CA 94565

Site 2 of 2 in cluster A

FINDS:

Registry ID: 110066603517

Environmental Interest/Information System
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

DOD
Region NNW
1/2-1
4935 ft.

CONCORD NAVAL WEAPONS STATION **DOD** **CUSA135764**
N/A
CONCORD NAVAL WEAPONS STA (County), CA

DOD:

Feature 1:	Navy DOD
Feature 2:	Not reported
Feature 3:	Not reported
URL:	Not reported

CONCORD NAVAL WEAPONS STATION (Continued) **CUSA135764**

Name 1: Concord Naval Weapons Station
Name 2: Not reported
Name 3: Not reported
State: CA
DOD Site: Yes
Tile name: CACONTRA_COSTA

3
SE
< 1/8
0.059 mi.
311 ft.

KIEWIT PACIFIC CO **CONTRA COSTA CO. SITE LIST** **S105455532**
1750 W LELAND RD **N/A**
PITTSBURG, CA 94565

Relative:
Lower

Actual:
174 ft.

CONTRA COSTA CO. SITE LIST:
Facility ID: FA0028482
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP GENERAL
Region: CONTRA COSTA
Cupa Number: 771734

4
ENE
1/8-1/4
0.141 mi.
743 ft.

EUGENE ALVES CONSTRUCTION **LUST** **S103890943**
571 ALVES RANCH **HIST CORTESE** **N/A**
PITTSBURG, CA 94565 **CONTRA COSTA CO. SITE LIST**

Relative:
Lower

Actual:
109 ft.

LUST:
Region: STATE
Global Id: T0601300603
Latitude: 38.021279
Longitude: -121.951125
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 09/22/1997
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: Not reported
Local Agency: CONTRA COSTA COUNTY
RB Case Number: 07-0653
LOC Case Number: 53981
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0601300603
Contact Type: Local Agency Caseworker
Contact Name: SUE LOYD
Organization Name: CONTRA COSTA COUNTY
Address: 4333 PACHECO BLVD.
City: MARTINEZ
Email: sloyd@hsd.co.contra-costa.ca.us
Phone Number: Not reported

EUGENE ALVES CONSTRUCTION (Continued) **S103890943**

Status History:

Global Id:	T0601300603
Status:	Completed - Case Closed
Status Date:	09/22/1997
Global Id:	T0601300603
Status:	Open - Case Begin Date
Status Date:	08/23/1994
Global Id:	T0601300603
Status:	Open - Site Assessment
Status Date:	11/16/1994

Regulatory Activities:

Global Id:	T0601300603
Action Type:	Other
Date:	09/07/1994
Action:	Leak Reported
Global Id:	T0601300603
Action Type:	Other
Date:	08/23/1994
Action:	Leak Discovery
Global Id:	T0601300603
Action Type:	Other
Date:	09/23/1994
Action:	Leak Stopped

HIST CORTESE:

Region:	CORTESE
Facility County Code:	7
Reg By:	LTNKA
Reg Id:	07-0653

CONTRA COSTA CO. SITE LIST:

Facility ID:	FA0032393
Billing Status:	INACTIVE, NON-BILLABLE
Program Status:	CONTRA COSTA CO. SITE LIST
Program/Elements:	HMBP GENERAL
Region:	CONTRA COSTA
Cupa Number:	753981
Facility ID:	FA0032393
Billing Status:	INACTIVE, NON-BILLABLE
Program Status:	CONTRA COSTA CO. SITE LIST
Program/Elements:	UNDERGROUND STORAGE TANK SITE
Region:	CONTRA COSTA
Cupa Number:	753981

5
ESE
1/8-1/4
0.147 mi.
777 ft.

S F BAY AREA RAPID TRANSIT DIS
1700 W LELAND AVENUE
PITTSBURG, CA 94565

EMI **S108433067**
CONTRA COSTA CO. SITE LIST **N/A**

Relative:
Lower

Actual:
164 ft.

EMI:

Year:	2005
County Code:	7
Air Basin:	SF
Facility ID:	14077
Air District Name:	BA
SIC Code:	9621
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.016
Reactive Organic Gases Tons/Yr:	.0133872
Carbon Monoxide Emissions Tons/Yr:	.045
NOX - Oxides of Nitrogen Tons/Yr:	.207
SOX - Oxides of Sulphur Tons/Yr:	.003
Particulate Matter Tons/Yr:	.015
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.01464

Year:	2006
County Code:	7
Air Basin:	SF
Facility ID:	14077
Air District Name:	BA
SIC Code:	9621
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.016
Reactive Organic Gases Tons/Yr:	.0133872
Carbon Monoxide Emissions Tons/Yr:	.045
NOX - Oxides of Nitrogen Tons/Yr:	.207
SOX - Oxides of Sulphur Tons/Yr:	.003
Particulate Matter Tons/Yr:	.015
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.01464

Year:	2007
County Code:	7
Air Basin:	SF
Facility ID:	14077
Air District Name:	BA
SIC Code:	9621
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.019
Reactive Organic Gases Tons/Yr:	.0158973
Carbon Monoxide Emissions Tons/Yr:	.053
NOX - Oxides of Nitrogen Tons/Yr:	.245
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.017
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.016592

Year:	2008

S F BAY AREA RAPID TRANSIT DIS (Continued) **S108433067**

County Code:	7
Air Basin:	SF
Facility ID:	14077
Air District Name:	BA
SIC Code:	9621
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.02
Reactive Organic Gases Tons/Yr:	.016734
Carbon Monoxide Emissions Tons/Yr:	.053
NOX - Oxides of Nitrogen Tons/Yr:	.245
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.017
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.016592

Year:	2009
County Code:	7
Air Basin:	SF
Facility ID:	14077
Air District Name:	BA
SIC Code:	9621
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.4999999999999999E-2
Reactive Organic Gases Tons/Yr:	1.2550499999999999E-2
Carbon Monoxide Emissions Tons/Yr:	4.4999999999999998E-2
NOX - Oxides of Nitrogen Tons/Yr:	0.20599999999999999
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1.5368852459016299E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.4999999999999999E-2

Year:	2010
County Code:	7
Air Basin:	SF
Facility ID:	14077
Air District Name:	BA
SIC Code:	9621
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.4999999999999999E-2
Reactive Organic Gases Tons/Yr:	1.2550499999999999E-2
Carbon Monoxide Emissions Tons/Yr:	4.4999999999999998E-2
NOX - Oxides of Nitrogen Tons/Yr:	0.20599999999999999
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1.5368852459016299E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.4999999999999999E-2

Year:	2011
County Code:	7
Air Basin:	SF
Facility ID:	14077
Air District Name:	BA
SIC Code:	9621
Air District Name:	BAY AREA AQMD

S F BAY AREA RAPID TRANSIT DIS (Continued) **S108433067**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.008
Reactive Organic Gases Tons/Yr:	0.0066936
Carbon Monoxide Emissions Tons/Yr:	0.025
NOX - Oxides of Nitrogen Tons/Yr:	0.113
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:	7
Air Basin:	SF
Facility ID:	14077
Air District Name:	BA
SIC Code:	9621
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.008
Reactive Organic Gases Tons/Yr:	0.0066936
Carbon Monoxide Emissions Tons/Yr:	0.025
NOX - Oxides of Nitrogen Tons/Yr:	0.113
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.0081967213115
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.008

Year:	2013
County Code:	7
Air Basin:	SF
Facility ID:	14077
Air District Name:	BA
SIC Code:	9621
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.008
Reactive Organic Gases Tons/Yr:	0.0066936
Carbon Monoxide Emissions Tons/Yr:	0.025
NOX - Oxides of Nitrogen Tons/Yr:	0.115
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.009
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.008

Year:	2014
County Code:	7
Air Basin:	SF
Facility ID:	14077
Air District Name:	BA
SIC Code:	9621
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.008299051
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.025061411
NOX - Oxides of Nitrogen Tons/Yr:	0.115277142

S F BAY AREA RAPID TRANSIT DIS (Continued) **S108433067**

SOX - Oxides of Sulphur Tons/Yr: 5.344e-005
Particulate Matter Tons/Yr: 0.008581427
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.00823817

Year: 2015
County Code: 7
Air Basin: SF
Facility ID: 14077
Air District Name: BA
SIC Code: 9621
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.00560701
Reactive Organic Gases Tons/Yr: 0.005458926
Carbon Monoxide Emissions Tons/Yr: 0.016932
NOX - Oxides of Nitrogen Tons/Yr: 0.07788361
SOX - Oxides of Sulphur Tons/Yr: 3.6105e-005
Particulate Matter Tons/Yr: 0.001112285
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.001067793

CONTRA COSTA CO. SITE LIST:
Facility ID: FA0035155
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: 1K-10K LBS, 0-19 EMPLOYEES
Region: CONTRA COSTA
Cupa Number: 774807

6
North
1/8-1/4
0.169 mi.
894 ft.

GOLDEN STATE WATER CO/BAY POINT **CONTRA COSTA CO. SITE LIST** **S105455336**
38 HILL ST **N/A**
PITTSBURG, CA 94565

Relative:
Lower

Actual:
108 ft.

CONTRA COSTA CO. SITE LIST:
Facility ID: FA0028407
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: >10K-100K LBS, 0-19 EMPLOYEES
Region: CONTRA COSTA
Cupa Number: 771654

Facility ID: FA0028407
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG GENERAL
Region: CONTRA COSTA
Cupa Number: 771654

7
NE
1/8-1/4
0.201 mi.
1060 ft.

EUGENE ALVES CONSTRUCTION COMPANY
571 ALVES RANCH RD
PITTSBURG, CA 94565

LUST **S103879039**
N/A

Relative:
Lower

Actual:
97 ft.

LUST REG 2:

Region:	2
Facility Id:	07-0653
Facility Status:	Case Closed
Case Number:	53981
How Discovered:	Tank Closure
Leak Cause:	UNK
Leak Source:	UNK
Date Leak Confirmed:	11/16/1994
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

8
SSW
1/8-1/4
0.228 mi.
1206 ft.

CITY OF PITTSBURG
2500 TOMALES BAY DR
PITTSBURG, CA 94565

EMI **S113748253**
CONTRA COSTA CO. SITE LIST **N/A**

Relative:
Higher

Actual:
248 ft.

EMI:

Year:	2009
County Code:	7
Air Basin:	SF
Facility ID:	19078
Air District Name:	BA
SIC Code:	6531
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2010
County Code:	7
Air Basin:	SF
Facility ID:	19078
Air District Name:	BA
SIC Code:	6531
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.002
NOX - Oxides of Nitrogen Tons/Yr:	6.0000000000000001E-3

CITY OF PITTSBURG (Continued) **S113748253**

SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2011
County Code:	7
Air Basin:	SF
Facility ID:	19078
Air District Name:	BA
SIC Code:	6531
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.002
NOX - Oxides of Nitrogen Tons/Yr:	0.006
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:	7
Air Basin:	SF
Facility ID:	19078
Air District Name:	BA
SIC Code:	6531
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.002
NOX - Oxides of Nitrogen Tons/Yr:	0.006
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:	7
Air Basin:	SF
Facility ID:	19078
Air District Name:	BA
SIC Code:	6531
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.002
NOX - Oxides of Nitrogen Tons/Yr:	0.008
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2014
County Code:	7

CITY OF PITTSBURG (Continued) **S113748253**

Air Basin:	SF
Facility ID:	19078
Air District Name:	BA
SIC Code:	6531
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.000453339
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.002446677
NOX - Oxides of Nitrogen Tons/Yr:	0.007565268
SOX - Oxides of Sulphur Tons/Yr:	1.3594e-005
Particulate Matter Tons/Yr:	0.000384409
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000369032

Year:	2015
County Code:	7
Air Basin:	SF
Facility ID:	19078
Air District Name:	BA
SIC Code:	6531
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9.0668e-005
Reactive Organic Gases Tons/Yr:	7.9517e-005
Carbon Monoxide Emissions Tons/Yr:	0.000489335
NOX - Oxides of Nitrogen Tons/Yr:	0.001513054
SOX - Oxides of Sulphur Tons/Yr:	2.719e-006
Particulate Matter Tons/Yr:	7.6882e-005
Part. Matter 10 Micrometers and Smllr Tons/Yr:	7.3806e-005

CONTRA COSTA CO. SITE LIST:

Facility ID:	FA0037880
Billing Status:	ACTIVE, BILLABLE
Program Status:	CONTRA COSTA CO. SITE LIST
Program/Elements:	HMBP: LESS THAN 1000 LBS
Region:	CONTRA COSTA
Cupa Number:	775263

---

9 **OAK HILLS SOUTH** **SLIC** **S106235232**
ESE **WOODHILL DR @ WEST LELAND RD** **N/A**
1/4-1/2 **PITTSBURG, CA**
0.267 mi.
1412 ft.

Relative:
Lower

Actual:
198 ft.

SLIC REG 2:

Region:	2
Facility ID:	SL20285903
Facility Status:	Not reported
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported

Date Prelim Site Assmnt Workplan Submitted: Not reported

OAK HILLS SOUTH (Continued) **S106235232**

Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

10
NNW
1/4-1/2
0.367 mi.
1939 ft.

TOWER MART #93 **LUST** **S108223024**
3575 WILLOW PASS RD. **N/A**
BAY POINT, CA 94565

Relative:
Lower

Actual:
90 ft.

LUST:

Region:	STATE
Global Id:	T0601370039
Latitude:	38.0264
Longitude:	-121.958017
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	02/04/2009
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker:	MYM
Local Agency:	CONTRA COSTA COUNTY
RB Case Number:	07-0867
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0601370039
Contact Type:	Regional Board Caseworker
Contact Name:	MARTIN MUSONGE
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET
City:	OAKLAND
Email:	martin.musonge@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0601370039
Contact Type:	Local Agency Caseworker
Contact Name:	MICHAEL P. WEDL
Organization Name:	CONTRA COSTA COUNTY
Address:	4333 PACHECO BLVD
City:	MARTINEZ
Email:	mwedl@hsd.co.contra-costa.ca.us
Phone Number:	Not reported

Status History:

Global Id:	T0601370039
Status:	Completed - Case Closed
Status Date:	02/04/2009

Global Id:	T0601370039
Status:	Open - Case Begin Date

TOWER MART #93 (Continued) **S108223024**

Status Date: 05/06/2006

Global Id: T0601370039
Status: Open - Site Assessment
Status Date: 08/13/2006

Regulatory Activities:
Global Id: T0601370039
Action Type: Other
Date: 06/09/2006
Action: Leak Reported

Global Id: T0601370039
Action Type: RESPONSE
Date: 10/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0601370039
Action Type: RESPONSE
Date: 07/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0601370039
Action Type: RESPONSE
Date: 10/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0601370039
Action Type: RESPONSE
Date: 07/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0601370039
Action Type: ENFORCEMENT
Date: 08/13/2006
Action: 13267 Monitoring Program

Global Id: T0601370039
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0601370039
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0601370039
Action Type: REMEDIATION
Date: 05/06/2005
Action: Excavation

Global Id: T0601370039
Action Type: REMEDIATION
Date: 05/06/2005
Action: Soil Vapor Extraction (SVE)

TOWER MART #93 (Continued) **S108223024**

Global Id:	T0601370039
Action Type:	RESPONSE
Date:	01/15/2009
Action:	Other Report / Document
Global Id:	T0601370039
Action Type:	ENFORCEMENT
Date:	02/03/2009
Action:	Closure/No Further Action Letter
Global Id:	T0601370039
Action Type:	Other
Date:	05/06/2006
Action:	Leak Discovery

11
North
1/4-1/2
0.390 mi.
2059 ft.

HERTZ REALTY
3515 WILLOW PASS RD
PITTSBURG, CA 94565

LUST **S102261800**
ENF **N/A**
HIST CORTESE
CONTRA COSTA CO. SITE LIST

Relative:
Lower

Actual:
82 ft.

LUST:

Region:	STATE
Global Id:	T0601300650
Latitude:	38.026831
Longitude:	-121.955466
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	03/29/2012
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker:	MYM
Local Agency:	CONTRA COSTA COUNTY
RB Case Number:	07-0703
LOC Case Number:	72178
File Location:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0601300650
Contact Type:	Regional Board Caseworker
Contact Name:	MARTIN MUSONGE
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET
City:	OAKLAND
Email:	martin.musonge@waterboards.ca.gov
Phone Number:	Not reported
Global Id:	T0601300650
Contact Type:	Local Agency Caseworker
Contact Name:	SUE LOYD
Organization Name:	CONTRA COSTA COUNTY
Address:	4333 PACHECO BLVD.
City:	MARTINEZ

HERTZ REALTY (Continued) **S102261800**

Email: sloyd@hsd.co.contra-costa.ca.us
Phone Number: Not reported

Status History:
Global Id: T0601300650
Status: Completed - Case Closed
Status Date: 03/29/2012

Global Id: T0601300650
Status: Open - Assessment & Interim Remedial Action
Status Date: 10/01/2008

Global Id: T0601300650
Status: Open - Case Begin Date
Status Date: 08/23/1995

Global Id: T0601300650
Status: Open - Site Assessment
Status Date: 03/02/1997

Global Id: T0601300650
Status: Open - Site Assessment
Status Date: 08/11/1998

Regulatory Activities:
Global Id: T0601300650
Action Type: ENFORCEMENT
Date: 03/12/2001
Action: * Historical Enforcement

Global Id: T0601300650
Action Type: Other
Date: 08/25/1995
Action: Leak Reported

Global Id: T0601300650
Action Type: RESPONSE
Date: 11/30/2005
Action: Interim Remedial Action Report

Global Id: T0601300650
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: RESPONSE
Date: 01/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0601300650

HERTZ REALTY (Continued) **S102261800**

Action Type: ENFORCEMENT
Date: 09/16/2003
Action: Staff Letter

Global Id: T0601300650
Action Type: ENFORCEMENT
Date: 01/04/2004
Action: 13267 Monitoring Program

Global Id: T0601300650
Action Type: ENFORCEMENT
Date: 06/29/1999
Action: Staff Letter

Global Id: T0601300650
Action Type: RESPONSE
Date: 11/17/2006
Action: Other Report / Document

Global Id: T0601300650
Action Type: RESPONSE
Date: 10/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: RESPONSE
Date: 02/12/2004
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: RESPONSE
Date: 12/01/2003
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: ENFORCEMENT
Date: 03/28/2005
Action: Staff Letter

Global Id: T0601300650
Action Type: RESPONSE
Date: 04/30/2007
Action: Other Report / Document

Global Id: T0601300650
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: ENFORCEMENT
Date: 01/24/2007

HERTZ REALTY (Continued) **S102261800**

Action: 13267 Requirement

Global Id: T0601300650
Action Type: ENFORCEMENT
Date: 03/10/2011
Action: 13267 Requirement

Global Id: T0601300650
Action Type: RESPONSE
Date: 07/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: RESPONSE
Date: 01/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: RESPONSE
Date: 01/05/2004
Action: Soil and Water Investigation Report

Global Id: T0601300650
Action Type: RESPONSE
Date: 05/01/2004
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: RESPONSE
Date: 03/31/2008
Action: Public Participation Plan

Global Id: T0601300650
Action Type: RESPONSE
Date: 10/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: ENFORCEMENT
Date: 02/20/2008
Action: 13267 Requirement

Global Id: T0601300650
Action Type: ENFORCEMENT
Date: 03/29/2012
Action: Closure/No Further Action Letter

Global Id: T0601300650
Action Type: RESPONSE
Date: 10/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: RESPONSE
Date: 10/30/2009
Action: Monitoring Report - Semi-Annually

HERTZ REALTY (Continued) **S102261800**

Global Id: T0601300650
Action Type: ENFORCEMENT
Date: 10/02/2002
Action: Staff Letter

Global Id: T0601300650
Action Type: ENFORCEMENT
Date: 10/07/2003
Action: 13267 Requirement

Global Id: T0601300650
Action Type: ENFORCEMENT
Date: 02/11/2000
Action: 13267 Requirement

Global Id: T0601300650
Action Type: ENFORCEMENT
Date: 02/20/2008
Action: 13267 Requirement

Global Id: T0601300650
Action Type: ENFORCEMENT
Date: 03/28/2005
Action: 13267 Requirement

Global Id: T0601300650
Action Type: ENFORCEMENT
Date: 05/10/1999
Action: 13267 Requirement

Global Id: T0601300650
Action Type: Other
Date: 08/23/1995
Action: Leak Discovery

Global Id: T0601300650
Action Type: RESPONSE
Date: 01/01/2004
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: RESPONSE
Date: 12/23/2002
Action: Interim Remedial Action Report

Global Id: T0601300650
Action Type: RESPONSE
Date: 10/02/2002
Action: Interim Remedial Action Plan

Global Id: T0601300650
Action Type: RESPONSE
Date: 05/31/2011
Action: Soil and Water Investigation Workplan

Global Id: T0601300650
Action Type: ENFORCEMENT

HERTZ REALTY (Continued) **S102261800**

Date: 06/29/1999
Action: 13267 Requirement

Global Id: T0601300650
Action Type: ENFORCEMENT
Date: 09/18/2003
Action: 13267 Requirement

Global Id: T0601300650
Action Type: Other
Date: 08/23/1995
Action: Leak Stopped

Global Id: T0601300650
Action Type: RESPONSE
Date: 03/01/2004
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: RESPONSE
Date: 10/31/2004
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: RESPONSE
Date: 01/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: ENFORCEMENT
Date: 07/27/2009
Action: 13267 Monitoring Program

Global Id: T0601300650
Action Type: RESPONSE
Date: 10/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0601300650
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

LUST REG 2:
Region: 2
Facility Id: 07-0703
Facility Status: Pollution Characterization
Case Number: 72178
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 3/2/1997
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 8/11/1998

HERTZ REALTY (Continued) **S102261800**

Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

ENF:

Region:	2
Facility Id:	231561
Agency Name:	Hertz Realty
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
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 Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	2 07-0703
Reg Measure Id:	168100
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported

HERTZ REALTY (Continued) **S102261800**

Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	236131
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	03/12/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 07-0703
Description:	Not reported
Program:	UST
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:	2
Facility Id:	231561
Agency Name:	Hertz Realty
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
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 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

HERTZ REALTY (Continued) **S102261800**

# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	2 07-0703
Reg Measure Id:	168100
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	236127
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	02/11/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 07-0703
Description:	Not reported
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1

HERTZ REALTY (Continued) **S102261800**

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

HIST CORTESE:

Region:	CORTESE
Facility County Code:	7
Reg By:	LTNKA
Reg Id:	07-0703

CONTRA COSTA CO. SITE LIST:

Facility ID:	FA0028889
Billing Status:	INACTIVE, NON-BILLABLE
Program Status:	CONTRA COSTA CO. SITE LIST
Program/Elements:	UNDERGROUND STORAGE TANK SITE
Region:	CONTRA COSTA
Cupa Number:	772178

12
NNE
1/4-1/2
0.426 mi.
2250 ft.

THE SUN RECYCLING CENTER **SWRCY** **S112161950**
3315 WILLOW PASS RD **N/A**
BAY POINT, CA 94565

Relative:
Lower

Actual:
72 ft.

SWRCY:

Reg Id:	158907
Cert Id:	RC158907.001
Mailing Address:	304 Fall Cir
Mailing City:	Oakley
Mailing State:	CA
Mailing Zip Code:	94561
Website:	Not reported
Email:	Not reported
Phone Number:	(925) 305-3706
Grand Father:	N
Rural:	N
Operation Begin Date:	06/04/2012
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Agency:	N/A
Monday Hours Of Operation:	9:00 am - 3:45 pm; Closed 12:00 pm - 12:30 pm
Tuesday Hours Of Operation:	9:00 am - 3:45 pm; Closed 12:00 pm - 12:30 pm
Wednesday Hours Of Operation:	9:00 am - 3:45 pm; Closed 12:00 pm - 12:30 pm
Thursday Hours Of Operation:	9:00 am - 3:45 pm; Closed 12:00 pm - 12:30 pm
Friday Hours Of Operation:	9:00 am - 3:45 pm; Closed 12:00 pm - 12:30 pm
Saturday Hours Of Operation:	9:00 am - 2:45 pm; Closed 12:00 pm - 12:30 pm
Sunday Hours Of Operation:	CLOSED
Organization ID:	64440
Organization Name:	The Sun Recycling Center

13
NNE
1/4-1/2
0.464 mi.
2452 ft.

DOSSEY OLD DUTCH PRIDE DAIRY
3215 WILLOW PASS RD
PITTSBURG, CA 94565

LUST **S102428913**
HIST CORTESE **N/A**
CONTRA COSTA CO. SITE LIST

Relative:
Lower

Actual:
65 ft.

LUST:

Region:	STATE
Global Id:	T0601300466
Latitude:	38.02649
Longitude:	-121.951513
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	03/21/1997
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker:	Not reported
Local Agency:	CONTRA COSTA COUNTY
RB Case Number:	07-0505
LOC Case Number:	70674
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0601300466
Contact Type:	Local Agency Caseworker
Contact Name:	SUE LOYD
Organization Name:	CONTRA COSTA COUNTY
Address:	4333 PACHECO BLVD.
City:	MARTINEZ
Email:	sloyd@hsd.co.contra-costa.ca.us
Phone Number:	Not reported

Status History:

Global Id:	T0601300466
Status:	Completed - Case Closed
Status Date:	03/21/1997
Global Id:	T0601300466
Status:	Open - Case Begin Date
Status Date:	09/15/1986
Global Id:	T0601300466
Status:	Open - Site Assessment
Status Date:	04/19/1994

Regulatory Activities:

Global Id:	T0601300466
Action Type:	Other
Date:	09/15/1986
Action:	Leak Reported
Global Id:	T0601300466
Action Type:	ENFORCEMENT
Date:	03/21/1997
Action:	Closure/No Further Action Letter

DOSSEY OLD DUTCH PRIDE DAIRY (Continued) **S102428913**

Global Id: T0601300466
Action Type: Other
Date: 09/15/1986
Action: Leak Discovery

Global Id: T0601300466
Action Type: Other
Date: 09/15/1986
Action: Leak Stopped

LUST REG 2:
Region: 2
Facility Id: 07-0505
Facility Status: Case Closed
Case Number: 70674
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 4/19/1994
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 7
Reg By: LTNKA
Reg Id: 07-0505

CONTRA COSTA CO. SITE LIST:
Facility ID: FA0033187
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
Cupa Number: 770674

14
SW
1/2-1
0.543 mi.
2865 ft.

Relative:
Higher

Actual:
288 ft.

SAN MARCOS ELEMENTARY SCHOOL **ENVIROSTOR** **S118757347**
HIGHWAY 4/WILLOW PASS ROAD **SCH** **N/A**
CONCORD, CA 94521

ENVIROSTOR:
Facility ID: 7000001
Status: No Action Required
Status Date: 09/06/2000
Site Code: 204040
Site Type: School Investigation
Site Type Detailed: School
Acres: Not reported

SAN MARCOS ELEMENTARY SCHOOL (Continued) **S118757347**

NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC
Program Manager: Not reported
Supervisor: Charles Ridenour
Division Branch: Northern California Schools & Santa Susana
Assembly: 14
Senate: 07
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 38.0122
Longitude: -121.9658
APN: 097-180-001
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 7000001
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: Not reported
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency: DTSC
Lead Agency Description: * DTSC
Project Manager: Not reported
Supervisor: Charles Ridenour
Division Branch: Northern California Schools & Santa Susana
Site Code: 204040
Assembly: 14
Senate: 07
Special Program Status: Not reported

SAN MARCOS ELEMENTARY SCHOOL (Continued) **S118757347**

Status:	No Action Required
Status Date:	09/06/2000
Restricted Use:	NO
Funding:	School District
Latitude:	38.0122
Longitude:	-121.9658
APN:	097-180-001
Past Use:	NONE
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	Not reported
Alias Type:	Not reported

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

B15 **DEXTER CORPORATION - HYSO** **ENVIROSTOR** **S102002834**
NE **2850 WILLOW PASS** **SLIC** **N/A**
1/2-1 **PITTSBURG, CA 94565** **CHMIRS**
0.645 mi. **HIST CORTESE**
3408 ft. **Site 1 of 2 in cluster B** **NPDES**

Relative:
Lower

Actual:
64 ft.

ENVIROSTOR:

Facility ID:	7280085
Status:	No Further Action
Status Date:	04/08/2005
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Ryan Miya
Supervisor:	Denise Tsuji
Division Branch:	Cleanup Berkeley
Assembly:	14
Senate:	07
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	38.02759

DEXTER CORPORATION - HYSO (Continued) **S102002834**

Longitude: -121.9452
APN: 098-240-029-3, 098240029
Past Use: MANUFACTURING - OTHER
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SLIC:
Region: STATE
Facility Status: **Open - Assessment & Interim Remedial Action**
Status Date: 01/05/2010
Global Id: SL18359779
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 38.0298391882694
Longitude: -121.945130825043
Case Type: Cleanup Program Site
Case Worker: MYM
Local Agency: Not reported
RB Case Number: SL18359779
File Location: Regional Board
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: The 28-acre site was originally part of a larger 85-acre industrial facility that was owned and operated by Shell Chemical Company. From 1930 to 1967, the 85-acre facility was a commerical ammonia fertilizer manufacturing plant, and since 1945, it has manufactured metal catalysts. Several manufacturing and storage facilities have existed on this site, such as aboveground storage tanks, a benzol plant and a compressor plant. In 1988, Limited Partners Catalyst Holding Company (LPCH) assumed ownership of the catalyst manufacturing facility; the facility continues to manufacture several types of catalysts. Currently, administration buildings, a labratory, catalyst manufacturing, storage and shipping facilities, a PG&E substation as well as a change room and training center are located on the 28-acre site.

DEXTER CORPORATION - HYSO (Continued) **S102002834**

Click here to access the California GeoTracker records for this facility:

CHMIRS:

OES Incident Number:	4-4393
OES notification:	08/05/2014
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	No
Spill Site:	Other
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	VAPOR
Measure:	N/A
Other:	Not reported
Date/Time:	1430
Year:	2014
Agency:	NRC
Incident Date:	8/5/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Unknown
Site Type:	No
E Date:	Not reported
Substance:	Unknown
Quantity Released:	Unknown
Unknown:	Not reported

DEXTER CORPORATION - HYSO (Continued) **S102002834**

Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Unknown
Fatals:	No
Comments:	Not reported
Description:	Per NRC, "Caller stated that for approximately the last month there has been a strong smell, described as chlorine, in the air that lasts throughout the early morning until late morning. The caller states that the company is releasing chemicals into the air."

HIST CORTESE:

Region:	CORTESE
Facility County Code:	7
Reg By:	CALSI
Reg Id:	07280085

NPDES:

Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	2
Regulatory Measure Id:	181945
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	2 07I016745
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	05/09/2008
PROCESSED DATE:	08/29/2001
STATUS CODE NAME:	Active
STATUS DATE:	08/29/2001
PLACE SIZE:	14
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	ThomasJoseph Hurst
FACILITY CONTACT TITLE:	Director of Operations

DEXTER CORPORATION - HYSO (Continued) **S102002834**

FACILITY CONTACT PHONE:	925-458-8290
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Thomas-Joseph.hurst@henkel.com
OPERATOR NAME:	Henkel Corp Aerospace Group
OPERATOR ADDRESS:	2850 Willow Pass Rd
OPERATOR CITY:	Bay Point
OPERATOR STATE:	California
OPERATOR ZIP:	94565
OPERATOR CONTACT NAME:	Thomas Hurst
OPERATOR CONTACT TITLE:	Director of Operations
OPERATOR CONTACT PHONE:	925-597-9138
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	thomas-joseph.hurst@henkel.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	925-597-9138
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Sacramento River
CERTIFIER NAME:	Brett Demshar
CERTIFIER TITLE:	Plant Manager
CERTIFICATION DATE:	15-JUN-15
PRIMARY SIC:	2891-Adhesives and Sealants
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	2
Regulatory Measure Id:	181945
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported

DEXTER CORPORATION - HYSO (Continued) **S102002834**

WDID:	2 07I016745
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/29/2001
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Henkel Corp Aerospace Group
Discharge Address:	2850 Willow Pass Rd
Discharge City:	Bay Point
Discharge State:	California
Discharge Zip:	94565
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported

DEXTER CORPORATION - HYSO (Continued) **S102002834**

CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

B16
NE
1/2-1
0.645 mi.
3408 ft.

Relative: Lower

Actual: 64 ft.

CRITERION CATALYSTS & TECHNOLOGIES LP **SEMS-ARCHIVE** **1000840756**
2840 WILLOW PASS RD **CORRACTS** **CAD000094243**
PITTSBURG, CA 94565 **RCRA-TSDF**
RCRA-SQG
Site 2 of 2 in cluster B **AST**
2020 COR ACTION
HAZNET

SEMS-ARCHIVE:

Site ID:	900904
EPA ID:	CAD000094243
Federal Facility:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID:	0900904
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13287416.00000
Person ID:	13003854.00000
Contact Sequence ID:	13293011.00000
Person ID:	13003858.00000
Contact Sequence ID:	13298869.00000
Person ID:	13004003.00000

CERCLIS-NFRAP Site Alias Name(s):

Alias Name:	PG & E/SHELL CHEM CO POND
Alias Address:	2850 WILLOW PASS RD PITTSBURG, CA 94565
Alias Name:	PG & E SHELL CHEMICAL CO POND
Alias Address:	Not reported CA

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	/ /
Date Completed:	07/01/80
Priority Level:	Not reported

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 05/01/85
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 06/01/84
Date Completed: 05/01/85
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

CORRACTS:

EPA ID: CAD000094243
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19990601
Action: CA050 - RFA Completed
NAICS Code(s): 32518
Other Basic Inorganic Chemical Manufacturing
Original schedule date: 19990601
Schedule end date: Not reported

EPA ID: CAD000094243
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20060907
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 32518
Other Basic Inorganic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD000094243
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20060907
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 32518
Other Basic Inorganic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD000094243
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20061210
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 32518
Other Basic Inorganic Chemical Manufacturing
Original schedule date: 20061210
Schedule end date: Not reported

EPA ID: CAD000094243

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20061210
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 32518
Other Basic Inorganic Chemical Manufacturing
Original schedule date: 20061210
Schedule end date: Not reported

EPA ID: CAD000094243
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20030512
Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
NAICS Code(s): 32518
Other Basic Inorganic Chemical Manufacturing
Original schedule date: 20030512
Schedule end date: Not reported

EPA ID: CAD000094243
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19901017
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 32518
Other Basic Inorganic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD000094243
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19901017
Action: CA074HI
NAICS Code(s): 32518
Other Basic Inorganic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD000094243
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19901017
Action: CA029EP
NAICS Code(s): 32518
Other Basic Inorganic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD000094243
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19901017
Action: CA049PA
NAICS Code(s): 32518

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Other Basic Inorganic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD000094243
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20090922
Action: CA550RC
NAICS Code(s): 32518
Other Basic Inorganic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD000094243
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20090922
Action: CA550RC
NAICS Code(s): 32518
Other Basic Inorganic Chemical Manufacturing
Original schedule date: 20090922
Schedule end date: Not reported

EPA ID: CAD000094243
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19930723
Action: CA074ME
NAICS Code(s): 32518
Other Basic Inorganic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD000094243
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20070724
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 32518
Other Basic Inorganic Chemical Manufacturing
Original schedule date: 20070724
Schedule end date: Not reported

EPA ID: CAD000094243
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20070724
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 32518
Other Basic Inorganic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:
Date form received by agency: 02/02/2016
Facility name: CRITERION CATALYSTS & TECHNOLOGIES LP

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Facility address:	2840 WILLOW PASS RD PITTSBURG, CA 94565
EPA ID:	CAD000094243
Mailing address:	PO BOX 5159 BAY POINT, CA 94565
Contact:	JEFF LUENGO
Contact address:	WILLOW PASS RD BAY POINT, CA 94565
Contact country:	US
Contact telephone:	925-458-7214
Contact email:	JEFFREY.LUENGO@CRI-CRITERION.COM
EPA Region:	09
Land type:	Private
Classification:	TSDF
Description:	Handler is engaged in the treatment, storage or disposal of hazardous waste

Owner/Operator Summary:

Owner/operator name:	SHELL OIL COMPANY
Owner/operator address:	LOUISIANA ST ONE SHELL PLAZA HOUSTON, TX 77002
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/11/2000
Owner/Op end date:	Not reported

Owner/operator name:	CRITERION CATALYSTS & TECHNOLOGIES
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/11/2000
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

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 213
. Waste name: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 725
. Waste name: Liquids with mercury > 20 mg/l

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D018
. Waste name: BENZENE

Historical Generators:
Date form received by agency: 03/02/2015
Site name: CRITERION CATALYSTS & TECHNOLOGIES LP PITTSBURG
Classification: Large Quantity Generator

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 725
. Waste name: Liquids with mercury > 20 mg/l

. Waste code: D009
. Waste name: MERCURY

Date form received by agency: 02/29/2012
Site name: CRITERION CATALYSTS & TECHNOLOGIES LP PITTSBURG
Classification: Large Quantity Generator

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 223
. Waste name: Unspecified oil-containing waste

. Waste code: 725

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

. Waste name: Liquids with mercury > 20 mg/l

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

Date form received by agency: 05/11/2010
Site name: CRITERION CATALYSTS & TECHNOLOGIES, LP
Classification: Large Quantity Generator

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 725
. Waste name: Liquids with mercury > 20 mg/l

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

Date form received by agency: 02/21/2008
Site name: CRITERION CATALYSTS & TECHNOLOGIES, LP
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

Date form received by agency: 02/27/2006
Site name: CRITERION CATALYSTS & TECHNOLOGIES, L.P.
Classification: Large Quantity Generator

. Waste code: 132
. Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

. Waste code: 134
. Waste name: Aqueous solution with <10% total organic residues

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 151
. Waste name: Asbestos-containing waste

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: 223
. Waste name: Unspecified oil-containing waste

. Waste code: 512
. Waste name: Other empty containers 30 gallons or more

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

Date form received by agency: 02/16/2004
Site name: CRITERION CATALYSTS & TECHNOLOGIES LP
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Date form received by agency: 02/14/2002
Site name: CRITERION CATALYSTS & TECHNOLOGIES
Classification: Large Quantity Generator

. Waste code: 132
. Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

. Waste code: 134
. Waste name: Aqueous solution with <10% total organic residues

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 213
. Waste name: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

. Waste code: 223
. Waste name: Unspecified oil-containing waste

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 512
. Waste name: Other empty containers 30 gallons or more

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: P120

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

Date form received by agency: 10/12/2000
Site name: CRITERION CATALYST CO. L.P (PITTSBURG)
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: CRITERION CATALYST CO L.P.
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: CRITERION CATALYST CO L P
Classification: Large Quantity Generator

Date form received by agency: 03/29/1996
Site name: CRITERION CATALYST CO. L.P.
Classification: Large Quantity Generator

Date form received by agency: 02/11/1994
Site name: CRITERION CATALYST CO L P
Classification: Large Quantity Generator

Date form received by agency: 01/29/1992
Site name: CRITERION CATALYST COMPANY L.P.
Classification: Large Quantity Generator

Date form received by agency: 04/06/1990
Site name: SHELL CHEM CO CRITERION CATALYST CO. LP
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 509

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 40

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 85

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 34

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Corrective Action Summary:

Event date:	10/17/1990
Event:	LEAD AGENCY DETERMINATION
Event date:	10/17/1990
Event:	PA OR CERCLA INSPECTION
Event date:	10/17/1990
Event:	NCAPS RANKING/PRIORITY
Event date:	10/17/1990
Event:	CA PRIORITIZATION-HIGH CA PRIORITY
Event date:	07/23/1993
Event:	NCAPS RANKING/PRIORITY
Event date:	06/01/1999
Event:	RFA COMPLETED
Event date:	05/12/2003
Event:	DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY
Event date:	09/07/2006
Event:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	09/07/2006
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	12/10/2006
Event:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	12/10/2006
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	07/24/2007
Event:	REMEDY DECISION
Event date:	07/24/2007
Event:	REMEDY DECISION
Event date:	09/22/2009
Event:	REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Event date:	09/22/2009
Event:	REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

Facility Has Received Notices of Violations:

Regulation violated:	Not reported
Area of violation:	Generators - General
Date violation determined:	05/22/2017
Date achieved compliance:	06/29/2017
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Enforcement action date: 05/22/2017
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/22/2017
Date achieved compliance: 06/23/2017
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/22/2017
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/05/2009
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/05/2009
Date achieved compliance: 04/26/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/06/2006
Date achieved compliance: 06/13/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/06/2006

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/29/2005
Date achieved compliance: 04/07/2005
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 04/07/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/24/1994
Date achieved compliance: 05/24/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 07/29/1992
Date achieved compliance: 03/30/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/06/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 07/29/1992
Date achieved compliance: 03/30/1994
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 72000
Paid penalty amount: 72000

Regulation violated: FR - 262.20-23.B
Area of violation: Generators - General
Date violation determined: 07/29/1992
Date achieved compliance: 08/31/1992
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 11/05/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 104900
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.20-23.B
Area of violation: Generators - General
Date violation determined: 07/29/1992
Date achieved compliance: 08/31/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/06/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 07/29/1992
Date achieved compliance: 08/31/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/06/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 07/29/1992
Date achieved compliance: 03/30/1994
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 11/05/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Enforcement lead agency: State
Proposed penalty amount: 104900
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 07/29/1992
Date achieved compliance: 08/31/1992
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 11/05/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 104900
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 07/29/1992
Date achieved compliance: 08/31/1992
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 11/05/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 104900
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 07/29/1992
Date achieved compliance: 08/31/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/06/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.20-23.B
Area of violation: Generators - General
Date violation determined: 07/29/1992
Date achieved compliance: 08/31/1992
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Proposed penalty amount: Not reported
Final penalty amount: 72000
Paid penalty amount: 72000

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 07/29/1992
Date achieved compliance: 08/31/1992
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 72000
Paid penalty amount: 72000

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 07/29/1992
Date achieved compliance: 08/31/1992
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 72000
Paid penalty amount: 72000

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 05/30/1990
Date achieved compliance: 01/04/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 05/30/1990
Date achieved compliance: 01/04/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 05/30/1990
Date achieved compliance: 01/04/1994
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 72000
Paid penalty amount: 72000

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 05/16/1990
Date achieved compliance: 01/28/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 05/16/1990
Date achieved compliance: 01/15/1991
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 72000
Paid penalty amount: 72000

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 05/16/1990
Date achieved compliance: 01/15/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 05/16/1990
Date achieved compliance: 01/15/1991
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 72000
Paid penalty amount: 72000

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 05/16/1990
Date achieved compliance: 01/15/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 11/05/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 104900
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 05/16/1990
Date achieved compliance: 01/28/1994
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 11/05/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 104900
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 05/16/1990
Date achieved compliance: 01/15/1991
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 72000
Paid penalty amount: 72000

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 05/16/1990
Date achieved compliance: 01/15/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 11/05/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 104900
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 05/16/1990
Date achieved compliance: 01/15/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 11/05/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 104900
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 05/16/1990
Date achieved compliance: 01/28/1994
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 72000
Paid penalty amount: 72000

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 05/16/1990
Date achieved compliance: 01/15/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Area of violation: LDR - General
Date violation determined: 05/16/1990
Date achieved compliance: 01/15/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 08/26/1988
Date achieved compliance: 05/16/1990
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 11/05/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 104900
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 08/26/1988
Date achieved compliance: 05/16/1990
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 11/05/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 104900
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 08/26/1988
Date achieved compliance: 05/16/1990
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 72000
Paid penalty amount: 72000

Regulation violated: FR - 264.70-77.E
Area of violation: TSD - General

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Date violation determined: 08/26/1988
Date achieved compliance: 05/16/1990
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 72000
Paid penalty amount: 72000

Evaluation Action Summary:
Evaluation date: 06/28/2017
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/22/2017
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/29/2017
Evaluation lead agency: State

Evaluation date: 05/22/2017
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/23/2017
Evaluation lead agency: State

Evaluation date: 11/24/2015
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/05/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/05/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/26/2010
Evaluation lead agency: State

Evaluation date: 07/01/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/06/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Area of violation: Generators - General
Date achieved compliance: 06/13/2006
Evaluation lead agency: Local

Evaluation date: 07/14/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/29/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/07/2005
Evaluation lead agency: EPA

Evaluation date: 04/08/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/24/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/24/1999
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/12/1992
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/23/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/30/1994
Evaluation lead agency: State

Evaluation date: 06/23/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/31/1992
Evaluation lead agency: State

Evaluation date: 06/23/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/31/1992
Evaluation lead agency: State

Evaluation date: 05/30/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 01/04/1994
Evaluation lead agency: State

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Evaluation date: 05/16/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 01/28/1994
Evaluation lead agency: State

Evaluation date: 05/16/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/15/1991
Evaluation lead agency: State

Evaluation date: 05/16/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 01/15/1991
Evaluation lead agency: State

Evaluation date: 08/31/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/26/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 05/16/1990
Evaluation lead agency: State

AST:
Certified Unified Program Agencies: Not reported
Owner: Shell Oil Company
Total Gallons: Not reported
CERSID: 10010479
Facility ID: 07-000-770805
Business Name: CRITERION CATALYSTS & TECHNOLOGIES LP
Phone: 9254587200
Fax: 9254587238
Mailing Address: PO Box 5159
Mailing Address City: Bay Point
Mailing Address State: CA
Mailing Address Zip Code: 94565
Operator Name: CRITERION CATALYSTS & TECHNOLOGIES LP
Operator Phone: 9254587214
Owner Phone: 9254587214
Owner Mail Address: 910 Louisiana St/One Shell Plaza
Owner State: TX
Owner Zip Code: 77002
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
Property Owner Country: Not reported
EPAID: CAD000094243

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Certified Unified Program Agencies:	Contra Costa
Owner:	Not reported
Total Gallons:	1,320
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

2020 COR ACTION:

EPA ID:	CAD000094243
Region:	9
Action:	Not reported

HAZNET:

envid:	1000840756
Year:	2016
GEPAID:	CAD000094243
Contact:	JEFF LUENGO
Telephone:	9254587214
Mailing Name:	Not reported
Mailing Address:	PO BOX 5159
Mailing City,St,Zip:	BAY POINT, CA 945650659
Gen County:	Contra Costa
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	14.2175
Cat Decode:	Aqueous solution with total organic residues less than 10 percent
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	Contra Costa

envid:	1000840756
Year:	2016

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

GEPAID:	CAD000094243
Contact:	JEFF LUENGO
Telephone:	9254587214
Mailing Name:	Not reported
Mailing Address:	PO BOX 5159
Mailing City,St,Zip:	BAY POINT, CA 945650659
Gen County:	Contra Costa
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Polychlorinated biphenyls and material containing PCBs
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.045
Cat Decode:	Polychlorinated biphenyls and material containing PCBs
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	Contra Costa

envid:	1000840756
Year:	2016
GEPAID:	CAD000094243
Contact:	JEFF LUENGO
Telephone:	9254587214
Mailing Name:	Not reported
Mailing Address:	PO BOX 5159
Mailing City,St,Zip:	BAY POINT, CA 945650659
Gen County:	Contra Costa
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Off-specification, aged or surplus inorganics
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	829.285
Cat Decode:	Off-specification, aged or surplus inorganics
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	Contra Costa

envid:	1000840756
Year:	2016
GEPAID:	CAD000094243
Contact:	JEFF LUENGO
Telephone:	9254587214
Mailing Name:	Not reported
Mailing Address:	PO BOX 5159
Mailing City,St,Zip:	BAY POINT, CA 945650659
Gen County:	Contra Costa
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	8.56
Cat Decode:	Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **1000840756**

Facility County:	Contra Costa
envid:	1000840756
Year:	2016
GEPAID:	CAD000094243
Contact:	JEFF LUENGO
Telephone:	9254587214
Mailing Name:	Not reported
Mailing Address:	PO BOX 5159
Mailing City,St,Zip:	BAY POINT, CA 945650659
Gen County:	Contra Costa
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	68.0455
Cat Decode:	Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Method Decode:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	Contra Costa

Click this hyperlink while viewing on your computer to access
805 additional CA_HAZNET: record(s) in the EDR Site Report.

C17
NE
1/2-1
0.806 mi.
4256 ft.

Relative:
Lower

Actual:
37 ft.

CRITERION CATALYST
2840 WILLOW PASS
BAY POINT, CA 94565

Site 1 of 2 in cluster C

ENVIROSTOR **S105673338**
AST **N/A**
CHMIRS
ENF
NPDES
CONTRA COSTA CO. SITE LIST

ENVIROSTOR:

Facility ID:	7280025
Status:	Refer: RCRA
Status Date:	05/12/2003
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	DTSC
Lead Agency:	DTSC
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	14
Senate:	07
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	38.02974
Longitude:	-121.9450
APN:	098240052
Past Use:	NONE SPECIFIED
Potential COC:	* ORGANIC LIQUIDS WITH METALS

CRITERION CATALYST (Continued) **S105673338**

Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AST:
Certified Unified Program Agencies: Not reported
Owner: Shell Oil Company
Total Gallons: Not reported
CERSID: 10010479
Facility ID: 07-000-770805
Business Name: CRITERION CATALYSTS & TECHNOLOGIES LP
Phone: 9254587200
Fax: 9254587238
Mailing Address: PO Box 5159
Mailing Address City: Bay Point
Mailing Address State: CA
Mailing Address Zip Code: 94565
Operator Name: CRITERION CATALYSTS & TECHNOLOGIES LP
Operator Phone: 9254587214
Owner Phone: 9254587214
Owner Mail Address: 910 Louisiana St/One Shell Plaza
Owner State: TX
Owner Zip Code: 77002
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
Property Owner Country: Not reported
EPAID: CAD000094243

Certified Unified Program Agencies: Contra Costa
Owner: Not reported
Total Gallons: 1,320
CERSID: Not reported
Facility ID: Not reported
Business Name: Not reported

CRITERION CATALYST (Continued) **S105673338**

Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

CHMIRS:

OES Incident Number:	1-4022
OES notification:	07/12/2001
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Responsible Party
Containment:	Not reported

CRITERION CATALYST (Continued) **S105673338**

What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2001
Agency:	Criterion Catalysts & Technology
Incident Date:	7/12/200112:00:00 AM
Admin Agency:	Contra Costa County Health Services Dept.
Amount:	Not reported
Contained:	Yes
Site Type:	Industrial Plant
E Date:	Not reported
Substance:	NOX
Pounds:	1436
Unknown:	0.000000
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Released out of the exhaust stacks, this is the normal exhaust emission. This is a continuous emission. The plant is a catalyst manufacturer, a form of a chemical plant.

ENF:

Region:	2
Facility Id:	216151
Agency Name:	Criterion Cataysts
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	2819
SIC Desc 1:	Industrial Inorganic Chemicals, NEC
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

CRITERION CATALYST (Continued) **S105673338**

NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 071041001
Reg Measure Id:	167852
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	245965
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	10/25/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 071041001
Description:	Results of dg wells require cleanup. This communicated via telephone to Frank Fossati.

CRITERION CATALYST (Continued) **S105673338**

Program:	UNREGS
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:	2
Facility Id:	216151
Agency Name:	Criterion Catayst
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	2819
SIC Desc 1:	Industrial Inorganic Chemicals, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 071041001
Reg Measure Id:	167852
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported

CRITERION CATALYST (Continued) **S105673338**

301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	245149
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	02/11/2003
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 071041001
Description:	Emailed comment letter on workplan.
Program:	UNREGS
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:	2
Facility Id:	216151
Agency Name:	Criterion Catayst
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	2819
SIC Desc 1:	Industrial Inorganic Chemicals, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported

CRITERION CATALYST (Continued) **S105673338**

NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 071041001
Reg Measure Id:	167852
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	239042
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	01/04/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported

CRITERION CATALYST (Continued) **S105673338**

Status:	Historical
Title:	Enforcement - 2 071041001
Description:	NOV letter due to failure to submit technical report documenting dg extent of benzene
Program:	UNREGS
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:	2
Facility Id:	216151
Agency Name:	Criterion Catalysts
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	2819
SIC Desc 1:	Industrial Inorganic Chemicals, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 071041001
Reg Measure Id:	167852
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported

CRITERION CATALYST (Continued) **S105673338**

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:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	238491
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	09/14/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/14/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 071041001
Description:	Notified Shell that they had missed deadlines in 13267 letter.
Program:	UNREGS
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:	2
Facility Id:	216151
Agency Name:	Criterion Catayst s
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	2819

CRITERION CATALYST (Continued) **S105673338**

SIC Desc 1:	Industrial Inorganic Chemicals, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 071041001
Reg Measure Id:	167852
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	238490
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	07/23/2001

CRITERION CATALYST (Continued) **S105673338**

Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/23/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 071041001
Description:	Notified Shell, during inspection, that extent of benzene plume and types of hydrocarbons must be defined.
Program:	UNREGS
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:	2
Facility Id:	216151
Agency Name:	Criterion Catayst
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	2819
SIC Desc 1:	Industrial Inorganic Chemicals, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 071041001

CRITERION CATALYST (Continued) **S105673338**

Reg Measure Id:	167852
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	235613
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	07/23/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 071041001
Description:	Letter requires investigatin of downgradient extent of benzene.
Program:	UNREGS
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

NPDES:

Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	2
Regulatory Measure Id:	181853

CRITERION CATALYST (Continued) **S105673338**

Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	2 07I009560
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	05/09/2008
PROCESSED DATE:	12/12/1992
STATUS CODE NAME:	Active
STATUS DATE:	12/12/1992
PLACE SIZE:	30
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Jeff Luengo
FACILITY CONTACT TITLE:	HSSE Manager
FACILITY CONTACT PHONE:	925-458-7214
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Jeffrey.luengo@cri-criterion.com
OPERATOR NAME:	Criterion Catalyst Co LP
OPERATOR ADDRESS:	910 Louisiana Street
OPERATOR CITY:	Houston
OPERATOR STATE:	Texas
OPERATOR ZIP:	77002
OPERATOR CONTACT NAME:	Jeff Luengo
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	925-458-7214
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	jeffrey.luengo@cri-criterion.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	925-458-7269
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported

CRITERION CATALYST (Continued) **S105673338**

CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Suisun Bay
CERTIFIER NAME:	Dave Olund
CERTIFIER TITLE:	General Manager
CERTIFICATION DATE:	12-MAY-15
PRIMARY SIC:	2819-Industrial Inorganic Chemicals, NEC
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	2
Regulatory Measure Id:	181853
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	2 07I009560
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/12/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Criterion Catalyst Co LP
Discharge Address:	910 Louisiana Street
Discharge City:	Houston
Discharge State:	Texas
Discharge Zip:	77002
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported

CRITERION CATALYST (Continued) **S105673338**

DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

CONTRA COSTA CO. SITE LIST:

Facility ID:	FA0033317
Billing Status:	ACTIVE, BILLABLE
Program Status:	CONTRA COSTA CO. SITE LIST
Program/Elements:	APSA: 1320 - <10K GALLONS
Region:	CONTRA COSTA
Cupa Number:	770805

Facility ID:	FA0033317
Billing Status:	ACTIVE, BILLABLE
Program Status:	CONTRA COSTA CO. SITE LIST
Program/Elements:	CALARP RMP
Region:	CONTRA COSTA
Cupa Number:	770805

Facility ID:	FA0033317
Billing Status:	ACTIVE, BILLABLE
Program Status:	CONTRA COSTA CO. SITE LIST
Program/Elements:	CALARP: UNANNOUNCED INSPECTION PROGRAM
Region:	CONTRA COSTA
Cupa Number:	770805

Facility ID:	FA0033317
Billing Status:	ACTIVE, BILLABLE

CRITERION CATALYST (Continued) **S105673338**

Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: >2.5M-10M LBS
Region: CONTRA COSTA
Cupa Number: 770805

Facility ID: FA0033317
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: 500 - <1000 TONS/YEAR
Region: CONTRA COSTA
Cupa Number: 770805

Facility ID: FA0033317
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: RCRA LQG
Region: CONTRA COSTA
Cupa Number: 770805

Facility ID: FA0033317
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
Cupa Number: 770805

C18 **CRITERION CATALYSTS & TECHNOLOGIES LP** **ENVIROSTOR** **S118757502**
NE **2840 WILLOW PASS ROAD** **HWP** **N/A**
1/2-1 **PITTSBURG, CA 94565**
0.806 mi.
4256 ft. **Site 2 of 2 in cluster C**

Relative:
Lower

Actual:
37 ft.

ENVIROSTOR:
Facility ID: 80001297
Status: No Action Required
Status Date: 07/27/2012
Site Code: Not reported
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: MBR
Program Manager: Not reported
Supervisor: Daniel Murphy
Division Branch: Cleanup Berkeley
Assembly: 14
Senate: 07
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.02690
Longitude: -121.9451
APN: 098240029
Past Use: MANUFACTURING - OTHER
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **S118757502**

Potential Description: NMA
Alias Name: 098240029
Alias Type: APN
Alias Name: CAD000094243
Alias Type: EPA Identification Number
Alias Name: 110000499130
Alias Type: EPA (FRS #)
Alias Name: 80001297
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 06/01/1999
Comments: RCRA Facility Assessment Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 05/12/2003
Comments: No Further action is necessary. All documented spills, waste dumping, and contamination have been satisfactorily cleaned up and disposed of appropriately.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 01/21/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 10/17/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 12/10/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 12/10/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Remedy Selected
Completed Date: 07/24/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed

CRITERION CATALYSTS & TECHNOLOGIES LP (Continued) **S118757502**

Completed Date: 09/22/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/29/1990
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HWP:
EPA Id: CAD000094243
Cleanup Status: PROTECTIVE FILER
Latitude: 38.02690
Longitude: -121.9451
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: Not reported
Assembly District: 14
Senate District: 07
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:
EPA Id: CAD000094243
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: Protective Filer Status - PROTECTIVE FILER (RECEIVED)
Actual Date: 01/04/1994

EPA Id: CAD000094243
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: Protective Filer Status - PROTECTIVE FILER (APPROVED)
Actual Date: 08/30/2011

Alias:
EPA Id: CAD000094243
Facility Type: Historical - Non-Operating
Alias Type: FRS
Alias: 110000499130

D19 **ACME PACKAGING CORP BAY POINT** **ENVIROSTOR** **1000198851**
North **761 PORT CHICAGO HIGHWAY** **FINDS** **N/A**
1/2-1 **BAY POINT, CA 94565** **ECHO**
0.962 mi. **EMI**
5079 ft. **Site 1 of 2 in cluster D** **HAZNET**
HWP
Relative: **CONTRA COSTA CO. SITE LIST**
Lower **WDS**

Actual: **29 ft.**

ENVIROSTOR:

Facility ID:	80001372
Status:	Inactive - Needs Evaluation
Status Date:	06/22/2009
Site Code:	200378
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	12.8
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Daniel Murphy
Division Branch:	Cleanup Berkeley
Assembly:	14
Senate:	07
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	38.03537
Longitude:	-121.9587
APN:	098250017
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	ACME Steel Corporation
Alias Type:	Alternate Name
Alias Name:	098250017
Alias Type:	APN
Alias Name:	CAD041838855
Alias Type:	EPA Identification Number
Alias Name:	110000483389
Alias Type:	EPA (FRS #)
Alias Name:	200378
Alias Type:	Project Code (Site Code)
Alias Name:	80001372
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	04/18/1991
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	08/24/1998

ACME PACKAGING CORP BAY POINT (Continued) **1000198851**

Comments: This report was uploaded in May of 2015. In 1998, soil samples were taken from sediments at the inlet and outlet of the pipeline and from the surface soil down stream of SW-1 (Figure 1). Lead concentrations were 960 mg/kg at the inlet, 3,300 mg/kg at the outlet and 3,900 mg/kg in surface soil down stream of SW-1. Additional samples were collected in the discharge path from SW-1 with highest lead concentration of 4,300 mg/kg. Other selected areas suspected to have elevated concentrations of lead. The highest lead concentrations were within 0 -3 from the surface. The highest lead concentration was 3,800 mg/kg. The CCCHD Inspection Report of 2/8/2000 reported an ongoing remedial activity associated with past lead pot and exhaust stack having been removed September 1998. No remediation report was found in county records.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/27/2011
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:

Registry ID: 110000483389

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZARDOUS AIR POLLUTANT MAJOR

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

ACME PACKAGING CORP BAY POINT (Continued) **1000198851**

Envid:	1000198851
Registry ID:	110000483389
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000483389

EMI:

Year:	1999
County Code:	7
Air Basin:	SF
Facility ID:	5548
Air District Name:	BA
SIC Code:	3499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2000
County Code:	7
Air Basin:	SF
Facility ID:	5548
Air District Name:	BA
SIC Code:	3499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2001
County Code:	7
Air Basin:	SF
Facility ID:	5548
Air District Name:	BA
SIC Code:	3499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2002

ACME PACKAGING CORP BAY POINT (Continued) **1000198851**

County Code:	7
Air Basin:	SF
Facility ID:	5548
Air District Name:	BA
SIC Code:	3499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	7
Air Basin:	SF
Facility ID:	5548
Air District Name:	BA
SIC Code:	3499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

envid:	1000198851
Year:	2003
GEPAID:	CAD041838855
Contact:	DAVID J HOLMBERG DIR ENV SVCS
Telephone:	7087689118
Mailing Name:	Not reported
Mailing Address:	8201 WEST 183RD STREET-I
Mailing City,St,Zip:	TINLEY PARK, IL 604779249
Gen County:	Not reported
TSD EPA ID:	NVD980895338
TSD County:	Not reported
Waste Category:	Alkaline solution without metals pH >= 12.5
Disposal Method:	Recycler
Tons:	0.29
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Contra Costa

envid:	1000198851
Year:	2003
GEPAID:	CAD041838855
Contact:	DAVID J HOLMBERG DIR ENV SVCS
Telephone:	7087689118

ACME PACKAGING CORP BAY POINT (Continued) **1000198851**

Mailing Name: Not reported
Mailing Address: 8201 WEST 183RD STREET-I
Mailing City,St,Zip: TINLEY PARK, IL 604779249
Gen County: Not reported
TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: Recycler
Tons: 0.29
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Contra Costa

envid: 1000198851
Year: 2003
GEPAID: CAD041838855
Contact: DAVID J HOLMBERG DIR ENV SVCS
Telephone: 7087689118
Mailing Name: Not reported
Mailing Address: 8201 WEST 183RD STREET-I
Mailing City,St,Zip: TINLEY PARK, IL 604779249
Gen County: Not reported
TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Oil/water separation sludge
Disposal Method: Disposal, Land Fill
Tons: 0.8
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Contra Costa

envid: 1000198851
Year: 2003
GEPAID: CAD041838855
Contact: DAVID J HOLMBERG DIR ENV SVCS
Telephone: 7087689118
Mailing Name: Not reported
Mailing Address: 8201 WEST 183RD STREET-I
Mailing City,St,Zip: TINLEY PARK, IL 604779249
Gen County: Not reported
TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Oil/water separation sludge
Disposal Method: Disposal, Land Fill
Tons: 0.8
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Contra Costa

envid: 1000198851
Year: 2003
GEPAID: CAD041838855
Contact: DAVID J HOLMBERG DIR ENV SVCS
Telephone: 7087689118
Mailing Name: Not reported
Mailing Address: 8201 WEST 183RD STREET-I
Mailing City,St,Zip: TINLEY PARK, IL 604779249

ACME PACKAGING CORP BAY POINT (Continued) **1000198851**

Gen County: Not reported
TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Disposal, Land Fill
Tons: 0.16
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Contra Costa

Click this hyperlink while viewing on your computer to access
93 additional CA_HAZNET: record(s) in the EDR Site Report.

HWP:
EPA Id: CAD041838855
Cleanup Status: PROTECTIVE FILER
Latitude: 38.03577
Longitude: -121.9604
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: Not reported
Assembly District: 14
Senate District: 07
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:
EPA Id: CAD041838855
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Protective Filer Status - PROTECTIVE FILER (APPROVED)
Actual Date: 08/04/1982

EPA Id: CAD041838855
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Protective Filer Status - PROTECTIVE FILER (RECEIVED)
Actual Date: 07/28/1982

Alias:
EPA Id: CAD041838855
Facility Type: Historical - Non-Operating
Alias Type: FRS
Alias: 110000483389

CONTRA COSTA CO. SITE LIST:
Facility ID: FA0032780
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: >10K-100K LBS, 20+ EMPLOYEES
Region: CONTRA COSTA
Cupa Number: 770233

ACME PACKAGING CORP BAY POINT (Continued) **1000198851**

Facility ID:	FA0032780
Billing Status:	ACTIVE, BILLABLE
Program Status:	CONTRA COSTA CO. SITE LIST
Program/Elements:	HWG: REPORTED ZERO
Region:	CONTRA COSTA
Cupa Number:	770233

WDS:

Facility ID:	San Francisco Bay 07I001007
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	9254581400
Facility Contact:	JAMES L BORMAN
Agency Name:	ACME PACKAGING CORP
Agency Address:	13500 S Perry Ave
Agency City,St,Zip:	Riverdale 608271148
Agency Contact:	N A SPITZ
Agency Telephone:	7088492500
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.
Facility ID:	San Francisco Bay 07I019110
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or

ACME PACKAGING CORP BAY POINT (Continued) **1000198851**

processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	9257091639
Facility Contact:	Ted Butch
Agency Name:	ITW ANGLEBOARD
Agency Address:	595 Telser Rd
Agency City,St,Zip:	Lake Zurich 60047
Agency Contact:	Jeff Wright
Agency Telephone:	8977199210
Agency Type:	Private
SIC Code:	2672
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

D20 **ACME PACKAGING** **SEMS-ARCHIVE** **1015732720**
North **761 PORT CHICAGO HIGHWAY** **CORRACTS** **CAD041838855**
1/2-1 **BAY POINT, CA 94565** **RCRA-TSDF**
0.962 mi. **RCRA NonGen / NLR**
5079 ft. **Site 2 of 2 in cluster D** **FINDS**

Relative:
Lower

Actual:
29 ft.

SEMS-ARCHIVE:

Site ID:	900356
EPA ID:	CAD041838855
Federal Facility:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID:	0900356

ACME PACKAGING (Continued) **1015732720**

Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13287738.00000
Person ID: 13003854.00000

Contact Sequence ID: 13293333.00000
Person ID: 13003858.00000

Contact Sequence ID: 13299191.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: INTERLAKE INC PITTSBURGH CA PLT
Alias Address: Not reported
CA

Program Priority:
Description: RCRA Deferral Audit

Description: RCRA Deferral - New Decision

Description: RCRA Deferral - Further Superfund Assessment

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: / /
Date Completed: 02/18/88
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 01/23/96
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 07/23/91
Priority Level: Deferred to RCRA (Subtitle C)

CORRACTS:

EPA ID: CAD041838855
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910418
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 332999 332812 322222
All Other Miscellaneous Fabricated Metal Product Manufacturing
Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers

ACME PACKAGING (Continued) **1015732720**

Coated and Laminated Paper Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD041838855
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19920221
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 332999 332812 322222
All Other Miscellaneous Fabricated Metal Product Manufacturing
Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers
Coated and Laminated Paper Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:
Date form received by agency: 06/01/2004
Facility name: ACME PACKAGING
Facility address: 761 PORT CHICAGO HIGHWAY
BAY POINT, CA 94565
EPA ID: CAD041838855
Mailing address: 8201 W 183RD ST
STE I
TINLEY PARK, IL 60477-9249
Contact: DAVID J HOLMBERG
Contact address: 8201 W 183RD ST STE I
TINLEY PARK, IL 60477-9249
Contact country: US
Contact telephone: 708-768-9118
Contact email: Not reported
EPA Region: 09
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ACME PACKAGING
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/29/1991
Owner/Op end date: Not reported

Owner/operator name: ILLINOIS TOOL WORKS INC

ACME PACKAGING (Continued) **1015732720**

Owner/operator address: 3600 W LAKE AVE
GLENVIEW, IL 60025
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/12/2003
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

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Historical Generators:
Date form received by agency: 03/01/2002
Site name: ACME PACKAGING CORPORATION
Classification: Large Quantity Generator

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 222
. Waste name: Oil/water separation sludge

. Waste code: 331

ACME PACKAGING (Continued) **1015732720**

. Waste name: Off-specification, aged, or surplus organics

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 741
. Waste name: Liquids with halogenated organic compounds > 1000 mg/l

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Date form received by agency: 03/04/1999
Site name: ACME PACKAGING CORPORATION - BAY POINT P
Classification: Large Quantity Generator

Date form received by agency: 02/09/1998
Site name: ACME PACKAGING CORP
Classification: Large Quantity Generator

Date form received by agency: 03/22/1996
Site name: ACME PACKAGING CORP. - BAY POINT PLANT
Classification: Large Quantity Generator

Date form received by agency: 03/21/1994
Site name: ACME PACKAGING - PITTSBURG WEST
Classification: Large Quantity Generator

Date form received by agency: 12/03/1992
Site name: ACME PACKAGING CORP
Classification: Large Quantity Generator

Date form received by agency: 03/23/1992
Site name: ACME PACKAGING CORP
Classification: Large Quantity Generator

Date form received by agency: 03/23/1992
Site name: ACME PACKAGING CORP
Classification: Large Quantity Generator

Date form received by agency: 02/27/1992
Site name: ACME PACKAGING CORP.
Classification: Large Quantity Generator

ACME PACKAGING (Continued) **1015732720**

Date form received by agency: 03/08/1990
Site name: ACME STEEL CO
Classification: Large Quantity Generator

Corrective Action Summary:
Event date: 01/01/1990
Event: LEAD AGENCY DETERMINATION

Event date: 04/18/1991
Event: LEAD AGENCY DETERMINATION

Event date: 04/18/1991
Event: PA OR CERCLA INSPECTION

Event date: 04/18/1991
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 02/21/1992
Event: CA PRIORITIZATION-LOW CA PRIORITY

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/25/1991
Date achieved compliance: 08/25/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/26/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 07/25/1991
Date achieved compliance: 08/25/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/26/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 07/25/1991
Date achieved compliance: 08/25/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/26/1993

ACME PACKAGING (Continued) **1015732720**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 07/25/1991
Date achieved compliance: 08/25/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/26/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 08/25/1989
Date achieved compliance: 08/25/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/16/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/25/1989
Date achieved compliance: 08/25/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/16/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 08/11/1987
Date achieved compliance: 01/06/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/31/1987
Enf. disposition status: Not reported

ACME PACKAGING (Continued) **1015732720**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/11/1987
Date achieved compliance: 01/06/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/31/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 04/29/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/01/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/20/1992
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/18/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/25/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/25/1993
Evaluation lead agency: State

Evaluation date: 07/25/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 08/25/1993
Evaluation lead agency: State

ACME PACKAGING (Continued) **1015732720**

Evaluation date: 07/25/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 08/25/1993
Evaluation lead agency: State

Evaluation date: 07/25/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/25/1993
Evaluation lead agency: State

Evaluation date: 08/31/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/25/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/25/1989
Evaluation lead agency: State

Evaluation date: 08/25/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 08/25/1989
Evaluation lead agency: State

Evaluation date: 09/08/1987
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/11/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/06/1988
Evaluation lead agency: State

Evaluation date: 08/11/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 01/06/1988
Evaluation lead agency: State

FINDS:

Registry ID: 110055797516

Environmental Interest/Information System
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Count: 10 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CONCORD	S116165422	CONCORD AUTO CENTER SITE	MARKET ST/CONCORD AVE/WILLOW P	94520	ENVIROSTOR
CONCORD	1003879371	ORDNANCE LANDFILL - BALDWIN PARK	PORT CHICAGO/JERILY/ALMOND/PAR	94520	SEMS-ARCHIVE
PITTSBURG	S114615340	EUGENE ALVES CONSTRUCTION COMPANY	571 ALVES RANCH RD		RGA LUST
PITTSBURG	S114615339	EUGENE ALVES CONSTRUCTION COMP	571 ALVES RANCH RD		RGA LUST
PITTSBURG	S114615338	EUGENE ALVES CONSTRUCTION CO	571 ALVES RANCH RD		RGA LUST
PITTSBURG	S112840086	EUGENE G ALVES CONSTRUCTION COMPAN	571 ALVES RANCH ROAD	94565	HAZNET
PITTSBURG	1023257798	EUGENE ALVES CONSTRUCTION COMPANY	571 ALVES RANCH RD	94565	FINDS
PITTSBURG	S104735477	KOCH CARBON INC.	700- 707 E. 3RD STREET	94565	ENVIROSTOR
PITTSBURG	S116165420	RANGE ROAD MIDDLE SCHOOL SITE	RANGE ROAD/LELAND ROAD	94565	ENVIROSTOR, SCH
WEST PITTSBURG	S100833504	PACIFIC GAS AND ELECTRIC/SHELL - W	WILLOW PASS/ROAD	94565	CA BOND EXP. PLAN

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/30/2017
Date Data Arrived at EDR: 06/08/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 99

Source: EPA
Telephone: N/A
Last EDR Contact: 11/03/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
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: 05/30/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 98

Source: EPA
Telephone: N/A
Last EDR Contact: 11/03/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/30/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 98

Source: EPA
Telephone: N/A
Last EDR Contact: 11/03/2017
Next Scheduled EDR Contact: 01/15/2018
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: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/06/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/11/2017
Date Data Arrived at EDR: 07/21/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 77

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/03/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/11/2017
Date Data Arrived at EDR: 07/28/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 70

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/03/2017
Next Scheduled EDR Contact: 01/29/2018
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: 09/13/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 10

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
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: 09/13/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 10

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
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: 09/13/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 10

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
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: 09/13/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 10

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
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: 09/13/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 10

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/22/2017
Date Data Arrived at EDR: 06/13/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 94

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/10/2017
Next Scheduled EDR Contact: 11/27/2017
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: 08/10/2017
Date Data Arrived at EDR: 08/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/30/2017
Next Scheduled EDR Contact: 12/11/2017
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: 08/10/2017
Date Data Arrived at EDR: 08/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/30/2017
Next Scheduled EDR Contact: 12/11/2017
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: 09/18/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 22

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 07/31/2017
Date Data Arrived at EDR: 08/01/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 14

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/31/2017
Next Scheduled EDR Contact: 02/12/2018
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: 07/31/2017
Date Data Arrived at EDR: 08/01/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 14

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/31/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/14/2017
Date Data Arrived at EDR: 08/17/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 35

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/17/2017
Next Scheduled EDR Contact: 11/27/2017
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/12/2017
Date Data Arrived at EDR: 06/14/2017
Date Made Active in Reports: 08/22/2017
Number of Days to Update: 69

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/12/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Quarterly

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 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 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 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/24/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

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: 05/01/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/13/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
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: 10/07/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Quarterly

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: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
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: 04/26/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Semi-Annually

SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/12/2017
Date Data Arrived at EDR: 06/14/2017
Date Made Active in Reports: 08/23/2017
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/12/2017
Next Scheduled EDR Contact: 12/25/2017
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: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/13/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/12/2017
Date Data Arrived at EDR: 06/14/2017
Date Made Active in Reports: 08/23/2017
Number of Days to Update: 70
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/12/2017
Next Scheduled EDR Contact: 12/25/2017
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: 09/25/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

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: 04/26/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98
Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Semi-Annually

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: 05/02/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
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: 04/25/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/13/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/01/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
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: 10/01/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
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: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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: 07/31/2017
Date Data Arrived at EDR: 08/01/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 14

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/31/2017
Next Scheduled EDR Contact: 02/12/2018
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

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: 09/25/2017
Next Scheduled EDR Contact: 01/08/2018
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: 06/27/2017
Date Data Arrived at EDR: 06/28/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 85
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/08/2018
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: 06/19/2017
Date Data Arrived at EDR: 06/20/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 87
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/20/2017
Next Scheduled EDR Contact: 01/01/2018
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: 08/03/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 9
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/12/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 05/30/2017
Date Data Arrived at EDR: 05/31/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 76

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/10/2017
Next Scheduled EDR Contact: 11/27/2017
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: 10/30/2017
Next Scheduled EDR Contact: 02/12/2018
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: 10/20/2017
Next Scheduled EDR Contact: 02/05/2018
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: 11/03/2017
Next Scheduled EDR Contact: 02/12/2018
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: 07/13/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 30

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/30/2017
Next Scheduled EDR Contact: 12/11/2017
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: 07/31/2017
Date Data Arrived at EDR: 08/01/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 14

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/31/2017
Next Scheduled EDR Contact: 02/12/2018
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: 06/30/2017
Date Data Arrived at EDR: 08/18/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 01/22/2018
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: 07/13/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 30

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/30/2017
Next Scheduled EDR Contact: 12/11/2017
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: 06/02/2017
Date Data Arrived at EDR: 06/06/2017
Date Made Active in Reports: 08/25/2017
Number of Days to Update: 80
Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/24/2017
Next Scheduled EDR Contact: 12/11/2017
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: 06/02/2017
Date Data Arrived at EDR: 06/06/2017
Date Made Active in Reports: 08/22/2017
Number of Days to Update: 77
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/31/2017
Next Scheduled EDR Contact: 12/18/2017
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: 07/11/2017
Date Data Arrived at EDR: 07/26/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/03/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 06/05/2017
Date Data Arrived at EDR: 06/06/2017
Date Made Active in Reports: 08/10/2017
Number of Days to Update: 65

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 09/06/2017
Next Scheduled EDR Contact: 12/18/2017
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: 09/21/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 22

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 05/09/2017
Date Data Arrived at EDR: 07/26/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 57

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/12/2017
Date Data Arrived at EDR: 06/14/2017
Date Made Active in Reports: 08/18/2017
Number of Days to Update: 65

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/12/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/12/2017
Date Data Arrived at EDR: 06/14/2017
Date Made Active in Reports: 08/22/2017
Number of Days to Update: 69

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/12/2017
Next Scheduled EDR Contact: 12/25/2017
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: 09/13/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 10

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 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: 08/25/2017
Next Scheduled EDR Contact: 12/04/2017
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: 10/13/2017
Next Scheduled EDR Contact: 01/22/2018
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: 10/11/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 11/27/2017
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: 05/10/2017
Date Data Arrived at EDR: 05/17/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 121

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 01/08/2018
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: 08/07/2017
Next Scheduled EDR Contact: 11/20/2017
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: 08/24/2017
Next Scheduled EDR Contact: 11/20/2017
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: 09/22/2017
Next Scheduled EDR Contact: 01/01/2018
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: 08/23/2017
Next Scheduled EDR Contact: 12/04/2017
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: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
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: 09/27/2017
Date Data Arrived at EDR: 10/12/2017
Date Made Active in Reports: 10/20/2017
Number of Days to Update: 8

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/03/2017
Next Scheduled EDR Contact: 12/18/2017
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: 02/01/2017
Date Data Arrived at EDR: 02/09/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/03/2017
Next Scheduled EDR Contact: 11/20/2017
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: 06/01/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/13/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/11/2017
Next Scheduled EDR Contact: 01/22/2018
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: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
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: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
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: 10/16/2017
Next Scheduled EDR Contact: 11/20/2017
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: 10/03/2017
Next Scheduled EDR Contact: 12/18/2017
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: 09/08/2017
Next Scheduled EDR Contact: 12/18/2017
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: 10/26/2017
Next Scheduled EDR Contact: 02/05/2018
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: 10/02/2017
Date Data Arrived at EDR: 10/05/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 8
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/05/2017
Next Scheduled EDR Contact: 01/15/2018
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: 10/31/2017
Next Scheduled EDR Contact: 02/12/2018
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: 06/30/2017
Date Data Arrived at EDR: 08/03/2017
Date Made Active in Reports: 10/20/2017
Number of Days to Update: 78

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 01/08/2018
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: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 12/04/2017
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: 10/11/2017
Next Scheduled EDR Contact: 01/22/2018
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: 11/02/2017
Next Scheduled EDR Contact: 02/19/2018
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: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23
Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 05/30/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 98
Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/03/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36
Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: 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: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
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: 07/31/2017
Date Data Arrived at EDR: 08/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 44
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/30/2017
Next Scheduled EDR Contact: 12/11/2017
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: 09/01/2017
Next Scheduled EDR Contact: 12/11/2017
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: 09/01/2017
Next Scheduled EDR Contact: 12/11/2017
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: 09/25/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/20/2017
Number of Days to Update: 24

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/23/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 9

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/06/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2016
Date Data Arrived at EDR: 06/02/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 133

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/20/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/06/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 02/13/2017
Date Data Arrived at EDR: 02/15/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 261
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 12/11/2017
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/17/2017
Date Data Arrived at EDR: 08/17/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 29
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/17/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/21/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 22
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/01/2018
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: 08/02/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/08/2017
Next Scheduled EDR Contact: 12/18/2017
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: 12/31/2015
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 147
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/22/2017
Next Scheduled EDR Contact: 01/01/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/18/2017
Date Data Arrived at EDR: 08/22/2017
Date Made Active in Reports: 10/24/2017
Number of Days to Update: 63

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 07/21/2017
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
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: 08/15/2017
Date Data Arrived at EDR: 08/22/2017
Date Made Active in Reports: 10/25/2017
Number of Days to Update: 64

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/10/2017
Next Scheduled EDR Contact: 11/27/2017
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: 12/31/2016
Date Data Arrived at EDR: 07/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 97

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/21/2017
Date Data Arrived at EDR: 08/22/2017
Date Made Active in Reports: 10/25/2017
Number of Days to Update: 64

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/22/2017
Next Scheduled EDR Contact: 12/04/2017
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: 08/21/2017
Date Data Arrived at EDR: 08/22/2017
Date Made Active in Reports: 10/25/2017
Number of Days to Update: 64
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/22/2017
Next Scheduled EDR Contact: 12/04/2017
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: 10/10/2017
Date Data Arrived at EDR: 10/10/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 7
Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 01/22/2018
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: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 11/01/2017
Number of Days to Update: 50
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/12/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/25/2017
Date Data Arrived at EDR: 06/06/2017
Date Made Active in Reports: 08/23/2017
Number of Days to Update: 78
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/06/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 08/14/2017
Date Data Arrived at EDR: 08/17/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 61
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/17/2017
Next Scheduled EDR Contact: 11/27/2017
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: 06/05/2017
Date Data Arrived at EDR: 06/07/2017
Date Made Active in Reports: 08/25/2017
Number of Days to Update: 79
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 09/06/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 10/18/2017
Number of Days to Update: 36
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/12/2017
Next Scheduled EDR Contact: 12/25/2017
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: 06/16/2017
Date Data Arrived at EDR: 06/20/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 119
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/18/2017
Next Scheduled EDR Contact: 01/01/2018
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: 01/20/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 50
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/12/2017
Next Scheduled EDR Contact: 12/25/2017
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: 10/13/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
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: 09/25/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

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: 09/22/2017
Date Data Arrived at EDR: 09/22/2017
Date Made Active in Reports: 10/10/2017
Number of Days to Update: 18

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/07/2017
Date Data Arrived at EDR: 07/11/2017
Date Made Active in Reports: 08/23/2017
Number of Days to Update: 43

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 06/20/2017
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 49

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 08/31/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 09/18/2017
Next Scheduled EDR Contact: 10/23/2017
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 04/25/2017
Date Data Arrived at EDR: 04/27/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 104

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/05/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/17/2017
Date Data Arrived at EDR: 08/22/2017
Date Made Active in Reports: 10/25/2017
Number of Days to Update: 64

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/30/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 08/02/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 66

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/25/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 08/18/2017
Date Data Arrived at EDR: 08/22/2017
Date Made Active in Reports: 10/24/2017
Number of Days to Update: 63

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/30/2017
Next Scheduled EDR Contact: 02/12/2018
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: 06/30/2017
Date Data Arrived at EDR: 07/05/2017
Date Made Active in Reports: 08/04/2017
Number of Days to Update: 30

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 09/27/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 07/26/2017
Date Data Arrived at EDR: 07/28/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 77

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/03/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/03/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 07/21/2017
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 83

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/08/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 08/04/2017
Number of Days to Update: 56

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 08/31/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 44

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
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: 09/22/2017
Date Data Arrived at EDR: 09/22/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 24

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 09/22/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 08/03/2017
Date Data Arrived at EDR: 08/03/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 74

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 07/24/2017
Date Data Arrived at EDR: 07/26/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 82

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
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: 09/18/2017
Next Scheduled EDR Contact: 01/01/2018
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/11/2017
Date Data Arrived at EDR: 10/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 5
Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/17/2017
Date Data Arrived at EDR: 07/18/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 65
Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/17/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 10/09/2017
Number of Days to Update: 171
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 06/21/2017
Date Data Arrived at EDR: 06/23/2017
Date Made Active in Reports: 10/30/2017
Number of Days to Update: 129
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/24/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
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: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/11/2017
Date Data Arrived at EDR: 07/14/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 69

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 01/22/2018
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: 06/01/2017
Date Data Arrived at EDR: 06/02/2017
Date Made Active in Reports: 08/04/2017
Number of Days to Update: 63

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 10/26/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 07/03/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 15

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/27/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 10/02/2017
Date Data Arrived at EDR: 10/03/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 14

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 09/27/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 40

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/08/2017
Next Scheduled EDR Contact: 12/11/2017
Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/22/2017
Date Data Arrived at EDR: 06/23/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 47

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 08/21/2017
Next Scheduled EDR Contact: 12/04/2017
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: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2017
Next Scheduled EDR Contact: 12/11/2017
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: 08/24/2017
Date Data Arrived at EDR: 08/25/2017
Date Made Active in Reports: 10/27/2017
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2017
Next Scheduled EDR Contact: 12/11/2017
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 08/04/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/25/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/11/2017
Date Made Active in Reports: 10/11/2017
Number of Days to Update: 61

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/11/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 41

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/09/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 43

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/09/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/02/2017
Date Data Arrived at EDR: 06/06/2017
Date Made Active in Reports: 08/22/2017
Number of Days to Update: 77

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/31/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 06/19/2017
Date Data Arrived at EDR: 07/05/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 35

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/11/2017
Date Data Arrived at EDR: 07/14/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 69

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/18/2017
Next Scheduled EDR Contact: 01/01/2018
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/11/2017
Date Data Arrived at EDR: 07/14/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 69

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/18/2017
Next Scheduled EDR Contact: 01/01/2018
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: 08/02/2017
Date Data Arrived at EDR: 10/03/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 3

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/03/2017
Next Scheduled EDR Contact: 01/15/2018
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: 05/03/2017
Date Data Arrived at EDR: 07/06/2017
Date Made Active in Reports: 08/22/2017
Number of Days to Update: 47

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/03/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 08/11/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 66

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

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: 05/30/2017
Date Data Arrived at EDR: 06/01/2017
Date Made Active in Reports: 08/25/2017
Number of Days to Update: 85

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/07/2017
Next Scheduled EDR Contact: 11/20/2017
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: 06/05/2017
Date Data Arrived at EDR: 06/07/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 69

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/06/2017
Next Scheduled EDR Contact: 12/18/2017
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: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
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: 08/31/2017
Next Scheduled EDR Contact: 12/18/2017
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: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 05/03/2017
Date Data Arrived at EDR: 05/08/2017
Date Made Active in Reports: 08/25/2017
Number of Days to Update: 109
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
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: 10/03/2017
Date Data Arrived at EDR: 10/06/2017
Date Made Active in Reports: 10/10/2017
Number of Days to Update: 4
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 08/28/2017
Next Scheduled EDR Contact: 01/01/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/18/2017
Date Data Arrived at EDR: 08/22/2017
Date Made Active in Reports: 10/25/2017
Number of Days to Update: 64
Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
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: 09/15/2017
Date Data Arrived at EDR: 09/19/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 28
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/07/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/22/2017
Number of Days to Update: 64
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/07/2017
Next Scheduled EDR Contact: 12/25/2017
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: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/10/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 67
Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/07/2017
Next Scheduled EDR Contact: 12/04/2017
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: 08/24/2017
Next Scheduled EDR Contact: 12/11/2017
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/15/2017
Date Made Active in Reports: 10/24/2017
Number of Days to Update: 70

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/21/2017
Next Scheduled EDR Contact: 12/04/2017
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: 06/15/2017
Date Data Arrived at EDR: 06/20/2017
Date Made Active in Reports: 08/22/2017
Number of Days to Update: 63

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 08/29/2017
Number of Days to Update: 69

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 06/27/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 43

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 01/01/2018
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: 07/05/2017
Date Data Arrived at EDR: 07/06/2017
Date Made Active in Reports: 08/22/2017
Number of Days to Update: 47

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 08/17/2017
Date Data Arrived at EDR: 08/22/2017
Date Made Active in Reports: 10/25/2017
Number of Days to Update: 64

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/02/2017
Date Data Arrived at EDR: 06/06/2017
Date Made Active in Reports: 08/25/2017
Number of Days to Update: 80

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 08/31/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List

Cupa facilities

Date of Government Version: 07/19/2017
Date Data Arrived at EDR: 08/11/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 66

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 07/21/2017
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

TULARE COUNTY:

CUPA Facility List
Cupa program facilities

Date of Government Version: 09/27/2017
Date Data Arrived at EDR: 09/28/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 18

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 08/21/2017
Date Data Arrived at EDR: 08/22/2017
Date Made Active in Reports: 10/25/2017
Number of Days to Update: 64

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
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: 06/26/2017
Date Data Arrived at EDR: 08/03/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 74

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
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: 09/27/2017
Next Scheduled EDR Contact: 01/15/2018
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: 08/10/2017
Next Scheduled EDR Contact: 11/27/2017
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: 06/26/2017
Date Data Arrived at EDR: 08/03/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 75

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
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: 08/28/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 9
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/12/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 06/29/2017
Date Data Arrived at EDR: 07/05/2017
Date Made Active in Reports: 08/25/2017
Number of Days to Update: 51
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/27/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 07/31/2017
Date Data Arrived at EDR: 08/03/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 74
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/25/2017
Next Scheduled EDR Contact: 02/12/2018
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: 08/18/2017
Next Scheduled EDR Contact: 11/27/2017
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 07/27/2017
Number of Days to Update: 107
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/05/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/31/2017
Date Data Arrived at EDR: 08/03/2017
Date Made Active in Reports: 10/12/2017
Number of Days to Update: 70

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
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: 08/21/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/11/2017
Next Scheduled EDR Contact: 12/25/2017
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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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

ALVES RANCH
ALVES RANCH RD AND W LELAND RD.
PITTSBURG, CA 94565

TARGET PROPERTY COORDINATES

Latitude (North):	38.0192 - 38° 1' 9.12''
Longitude (West):	121.95621 - 121° 57' 22.36''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	591621.6
UTM Y (Meters):	4208253.5
Elevation:	222 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5619720 HONKER BAY, CA
Version Date:	2012
South Map:	5640430 CLAYTON, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

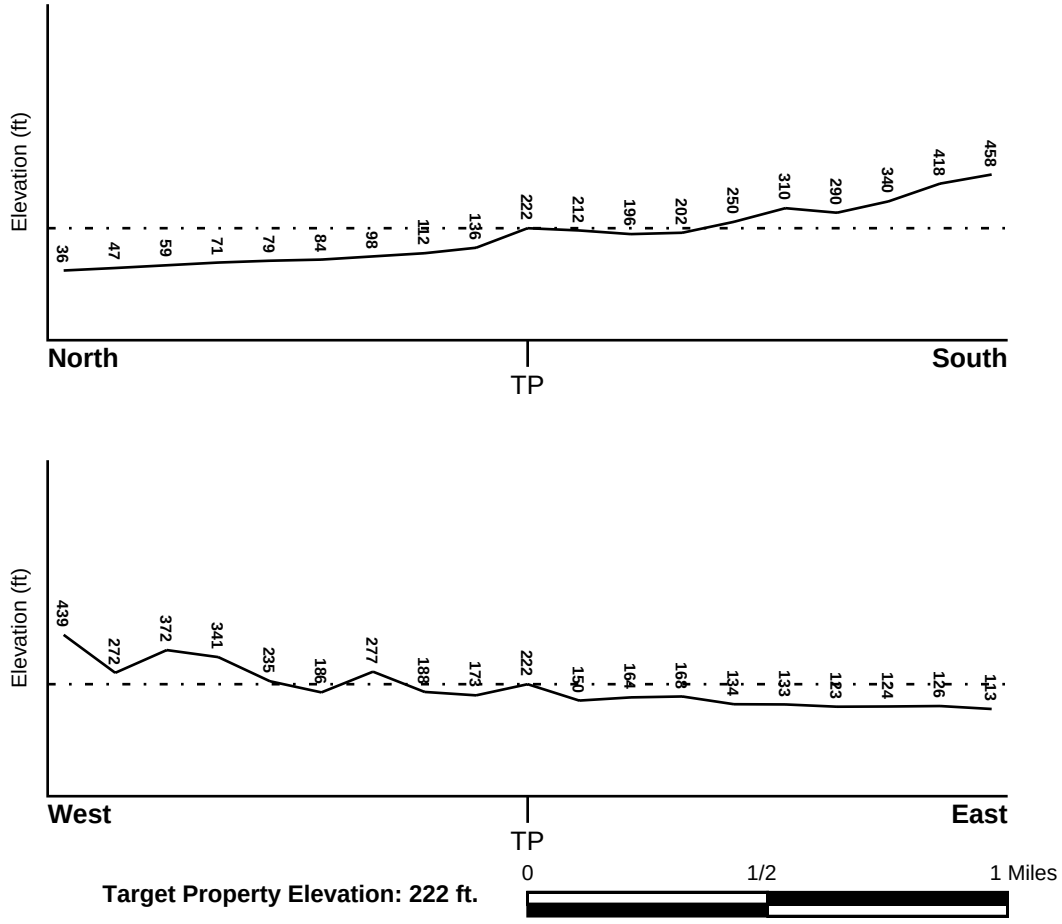
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06013C0114G	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06013C0112G	FEMA FIRM Flood data
06013C0113G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
HONKER BAY	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

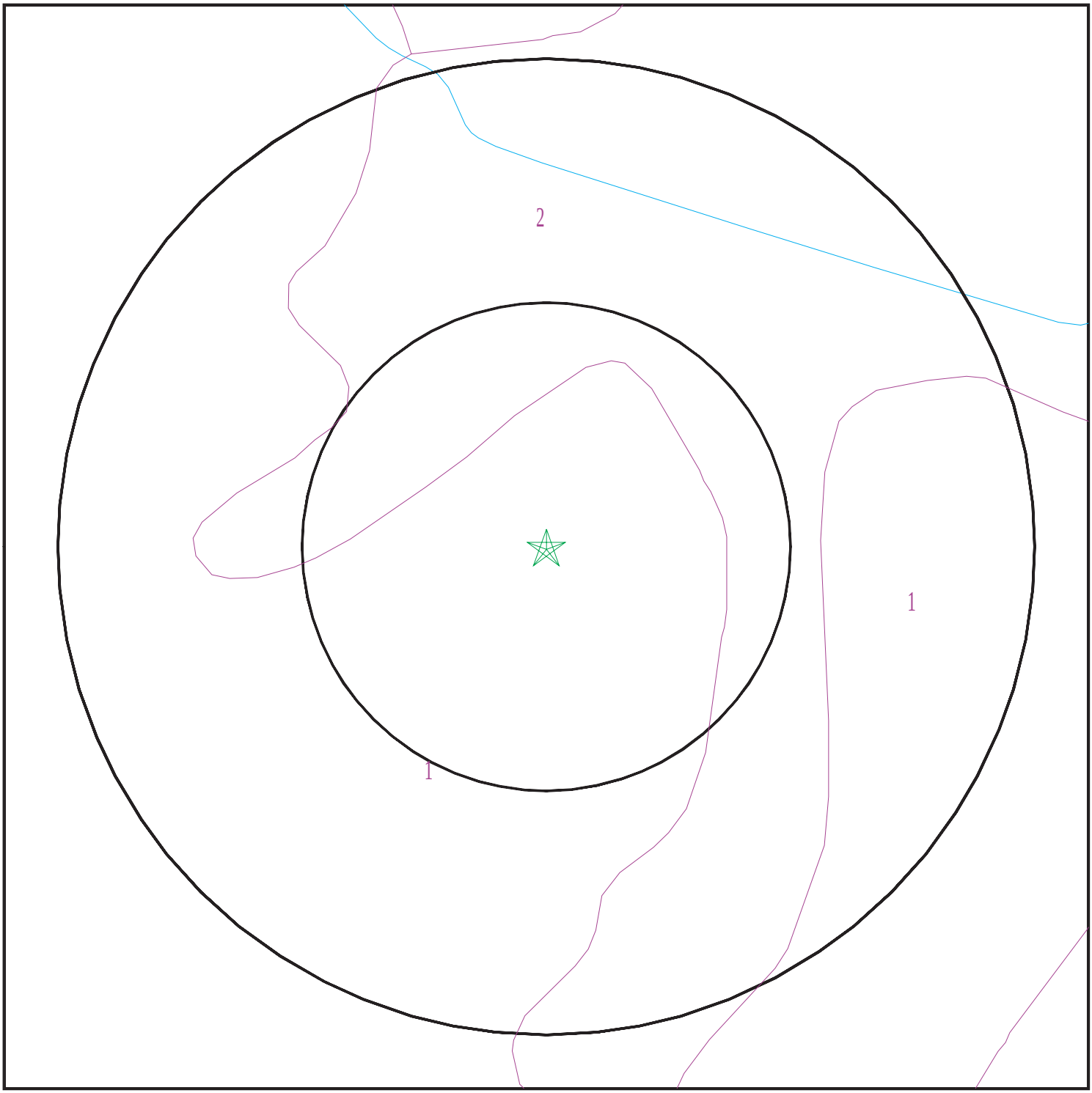
Era:	Cenozoic
System:	Tertiary
Series:	Miocene
Code:	Tm *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 05098367.2r



SITE NAME:	Alves Ranch	CLIENT:	Engeo Inc.
ADDRESS:	Alves Ranch Rd and W Leland Rd. Pittsburg CA 94565	CONTACT:	Stephen Fallon
LAT/LONG:	38.0192 / 121.95621	INQUIRY #:	05098367.2r
		DATE:	November 06, 2017 3:31 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: DIABLO

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	29 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	29 inches	42 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
3	42 inches	46 inches	weathered bedrock	Not reported	Not reported	Max: 1.4 Min: 0	Max: Min:

Soil Map ID: 2

Soil Component Name: CAPAY

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	35 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	35 inches	51 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	51 inches	72 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

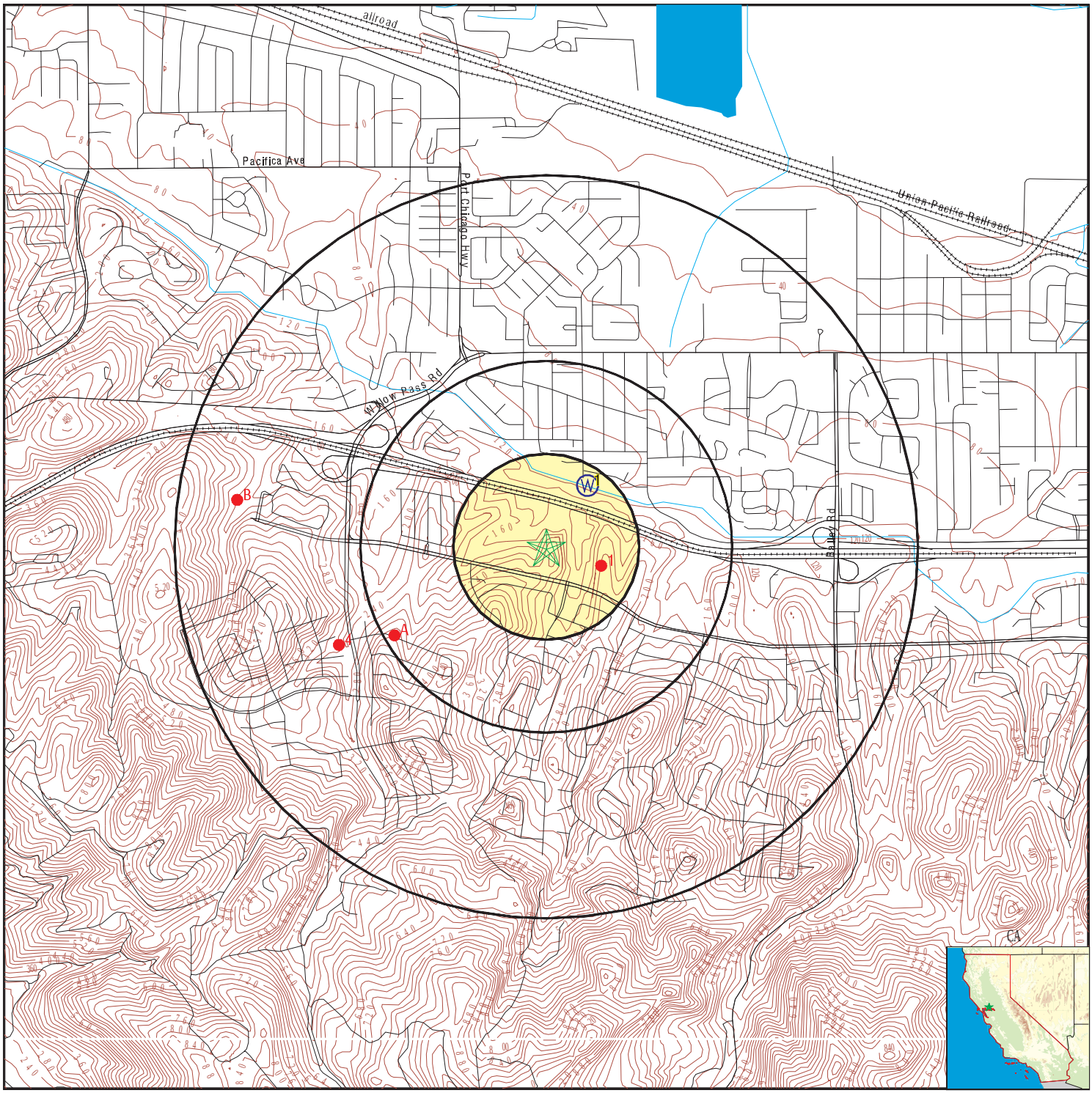
MAP ID	WELL ID	LOCATION FROM TP
1	1664	1/8 - 1/4 Mile NE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG11000231958	1/8 - 1/4 Mile ESE
A2	CAOG11000232890	1/4 - 1/2 Mile WSW
A3	CAOG11000232896	1/4 - 1/2 Mile WSW
4	CAOG11000232875	1/2 - 1 Mile WSW
B5	CAOG11000232864	1/2 - 1 Mile West
B6	CAOG11000232865	1/2 - 1 Mile West
B7	CAOG11000232834	1/2 - 1 Mile West
B8	CAOG11000232835	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 05098367.2r



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

N

SITE NAME:	Alves Ranch	CLIENT:	Engeo Inc.
ADDRESS:	Alves Ranch Rd and W Leland Rd. Pittsburg CA 94565	CONTACT:	Stephen Fallon
LAT/LONG:	38.0192 / 121.95621	INQUIRY #:	05098367.2r
		DATE:	November 06, 2017 3:31 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
1		
NE	**CA WELLS**	**1664**
1/8 - 1/4 Mile		
Lower		

Water System Information:

Prime Station Code:	02N/01W-15G01 M	User ID:	ENG
FRDS Number:	0710002003	County:	Contra Costa
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	380118.9 1215711.2	Precision:	0.5 Mile (30 Seconds)
Source Name:	HILL STREET WELL 01		
System Number:	0710002		
System Name:	CALIF CITIES WATER - BAY POINT		
Organization That Operates System:			
	3625 WEST 6TH ST		
	LOS ANGELES 90020		
Pop Served:	17884	Connections:	4338
Area Served:	WEST PITTSBURG		
Sample Collected:	03-JAN-12	Findings:	1700. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03-JAN-12	Findings:	1400. UG/L
Chemical:	BORON		
Sample Collected:	03-JAN-12	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03-JAN-12	Findings:	13. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-JAN-12	Findings:	5.11 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03-JAN-12	Findings:	3.23 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03-JAN-12	Findings:	3.31 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	07-FEB-12	Findings:	1500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07-FEB-12	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04-APR-12	Findings:	20.2 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	04-APR-12	Findings:	1600. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04-APR-12	Findings:	8.
Chemical:	PH, FIELD		
Sample Collected:	04-APR-12	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

Sample Collected:	08-MAY-12	Findings:	1700. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08-MAY-12	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05-JUN-12	Findings:	1200. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05-JUN-12	Findings:	980. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05-JUL-12	Findings:	1500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05-JUL-12	Findings:	950. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07-AUG-12	Findings:	1600. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07-AUG-12	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04-SEP-12	Findings:	1600. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04-SEP-12	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02-OCT-12	Findings:	1600. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02-OCT-12	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06-NOV-12	Findings:	1600. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06-NOV-12	Findings:	990. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04-DEC-12	Findings:	1400. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04-DEC-12	Findings:	940. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	24-JAN-13	Findings:	1290. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	24-JAN-13	Findings:	1100. UG/L
Chemical:	BORON		
Sample Collected:	24-JAN-13	Findings:	874. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05-FEB-13	Findings:	1400. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05-FEB-13	Findings:	890. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05-FEB-13	Findings:	21. MG/L
Chemical:	NITRATE (AS NO3)		

Sample Collected:	07-MAY-13	Findings:	1500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07-MAY-13	Findings:	970. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04-JUN-13	Findings:	1500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04-JUN-13	Findings:	980. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02-JUL-13	Findings:	420. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02-JUL-13	Findings:	250. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06-AUG-13	Findings:	1600. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06-AUG-13	Findings:	980. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03-SEP-13	Findings:	1500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03-SEP-13	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01-OCT-13	Findings:	21. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01-OCT-13	Findings:	1600. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01-OCT-13	Findings:	8.2
Chemical:	PH, FIELD		
Sample Collected:	01-OCT-13	Findings:	970. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05-NOV-13	Findings:	1600. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05-NOV-13	Findings:	900. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03-DEC-13	Findings:	1400. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03-DEC-13	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07-JAN-14	Findings:	1400. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07-JAN-14	Findings:	8.11
Chemical:	PH, LABORATORY		
Sample Collected:	07-JAN-14	Findings:	290. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	07-JAN-14	Findings:	350. MG/L
Chemical:	BICARBONATE ALKALINITY		

Sample Collected:	07-JAN-14	Findings:	140. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	07-JAN-14	Findings:	29. MG/L
Chemical:	CALCIUM		
Sample Collected:	07-JAN-14	Findings:	16. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07-JAN-14	Findings:	280. MG/L
Chemical:	SODIUM		
Sample Collected:	07-JAN-14	Findings:	3.1 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07-JAN-14	Findings:	130. MG/L
Chemical:	CHLORIDE		
Sample Collected:	07-JAN-14	Findings:	270. MG/L
Chemical:	SULFATE		
Sample Collected:	07-JAN-14	Findings:	0.24 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	07-JAN-14	Findings:	2.1 UG/L
Chemical:	ARSENIC		
Sample Collected:	07-JAN-14	Findings:	1200. UG/L
Chemical:	BORON		
Sample Collected:	07-JAN-14	Findings:	940. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07-JAN-14	Findings:	0.23
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	07-JAN-14	Findings:	17. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-JAN-14	Findings:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07-JAN-14	Findings:	3900. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	04-FEB-14	Findings:	1500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04-FEB-14	Findings:	980. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04-MAR-14	Findings:	1500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04-MAR-14	Findings:	990. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01-APR-14	Findings:	1500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01-APR-14	Findings:	940. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06-MAY-14	Findings:	1600. US
Chemical:	SPECIFIC CONDUCTANCE		

Sample Collected:	06-MAY-14	Findings:	980. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03-MAR-15	Findings:	660. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03-MAR-15	Findings:	400. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03-MAR-15	Findings:	5.2 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-APR-15	Findings:	1300. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07-APR-15	Findings:	850. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05-MAY-15	Findings:	1300. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05-MAY-15	Findings:	830. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02-JUN-15	Findings:	1300. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02-JUN-15	Findings:	860. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07-JUL-15	Findings:	1400. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07-JUL-15	Findings:	910. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04-AUG-15	Findings:	1500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04-AUG-15	Findings:	920. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01-SEP-15	Findings:	1400. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01-SEP-15	Findings:	950. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06-OCT-15	Findings:	1300. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06-OCT-15	Findings:	880. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10-NOV-15	Findings:	1400. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10-NOV-15	Findings:	840. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01-DEC-15	Findings:	1300. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01-DEC-15	Findings:	840. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

Sample Collected:	05-JAN-16	Findings:	1200. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05-JAN-16	Findings:	810. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02-FEB-16	Findings:	1400. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02-FEB-16	Findings:	4. MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	02-FEB-16	Findings:	870. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01-MAR-16	Findings:	1500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01-MAR-16	Findings:	950. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05-APR-16	Findings:	1400. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05-APR-16	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03-MAY-16	Findings:	1500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03-MAY-16	Findings:	950. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07-JUN-16	Findings:	1500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07-JUN-16	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05-JUL-16	Findings:	1600. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05-JUL-16	Findings:	1100. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02-AUG-16	Findings:	1500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02-AUG-16	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06-SEP-16	Findings:	1600. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06-SEP-16	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04-OCT-16	Findings:	1500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04-OCT-16	Findings:	1100. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01-NOV-16	Findings:	1400. US
Chemical:	SPECIFIC CONDUCTANCE		

Sample Collected:	01-NOV-16	Findings:	960. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06-DEC-16	Findings:	1400. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06-DEC-16	Findings:	920. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	18-JAN-17	Findings:	1600. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	18-JAN-17	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08-FEB-17	Findings:	18. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	08-FEB-17	Findings:	1600. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08-FEB-17	Findings:	8.7
Chemical:	PH, FIELD		
Sample Collected:	08-FEB-17	Findings:	8.
Chemical:	PH, LABORATORY		
Sample Collected:	08-FEB-17	Findings:	230. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	08-FEB-17	Findings:	270. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08-FEB-17	Findings:	8.8 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	08-FEB-17	Findings:	2.5 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	08-FEB-17	Findings:	140. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	08-FEB-17	Findings:	30. MG/L
Chemical:	CALCIUM		
Sample Collected:	08-FEB-17	Findings:	15. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08-FEB-17	Findings:	320. MG/L
Chemical:	SODIUM		
Sample Collected:	08-FEB-17	Findings:	3.1 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08-FEB-17	Findings:	150. MG/L
Chemical:	CHLORIDE		
Sample Collected:	08-FEB-17	Findings:	350. MG/L
Chemical:	SULFATE		
Sample Collected:	08-FEB-17	Findings:	0.27 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	08-FEB-17	Findings:	2.6 UG/L
Chemical:	ARSENIC		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08-FEB-17	Findings:	6.2 UG/L
Chemical:	SELENIUM		
Sample Collected:	08-FEB-17	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08-FEB-17	Findings:	1.6
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	08-FEB-17	Findings:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08-FEB-17	Findings:	2.5 MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07-MAR-17	Findings:	1500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07-MAR-17	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04-APR-17	Findings:	1600. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04-APR-17	Findings:	1000. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
ESE
1/8 - 1/4 Mile

OIL_GAS **CAOG11000231958**

District nun:	6	Api number:	01300200
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	Trico Industries, Inc.		
County name:	Contra Costa	Fieldname:	Any Field
Area name:	Any Area	Section:	15
Township:	02N	Range:	01W
Base meridian:	MD	Elevation:	Not Reported
Gissourcec:	hud		
Comments:	Status Code 006		
Leasename:	Alves	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12-SEP-64
Welldeptha:	7071		
Redrillfoo:	0		
Abandonedd:	05-OCT-64	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000231958		

A2
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000232890**

District nun:	6	Api number:	01320296
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Black Mountain Oil Company		
County name:	Contra Costa	Fieldname:	Willow Pass Gas (ABD)
Area name:	East	Section:	15
Township:	02N	Range:	01W
Base meridian:	MD	Elevation:	360
Gissourcec:	hud		
Comments:	Status Code 024		
Leasename:	Chevron-Culbertson	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	09-JUL-90
Welldeptha:	3992		
Redrillfoo:	0		
Abandonedd:	27-MAR-96	Completion:	28-OCT-90
Directiona:	Not Directionally drilled	Gissymbol:	PDG
Site id:	CAOG11000232890		

A3
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000232896**

District nun:	6	Api number:	01320302
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Black Mountain Oil Company		
County name:	Contra Costa	Fieldname:	Willow Pass Gas (ABD)
Area name:	East	Section:	15
Township:	02N	Range:	01W
Base meridian:	MD	Elevation:	Not Reported
Gissourcec:	hud		
Comments:	Status Code 024		
Leasename:	Chevron-Culbertson	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	29-SEP-90
Welldeptha:	4133		
Redrillfoo:	0		
Abandonedd:	27-MAR-96	Completion:	01-NOV-90
Directiona:	Not Directionally drilled	Gissymbol:	PDG
Site id:	CAOG11000232896		

4
WSW **OIL_GAS** **CAOG11000232875**
1/2 - 1 Mile

District nun:	6	Api number:	01320282
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Contra Costa	Fieldname:	Willow Pass Gas (ABD)
Area name:	East	Section:	15
Township:	02N	Range:	01W
Base meridian:	MD	Elevation:	Not Reported
Gissourcec:	hud		
Comments:	Status Code 006		
Leasename:	Culbertson	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12-JUL-88
Welldeptha:	3825		
Redrillfoo:	0		
Abandonedd:	23-JUL-88	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000232875		

B5
West **OIL_GAS** **CAOG11000232864**
1/2 - 1 Mile

District nun:	6	Api number:	01320274
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Contra Costa	Fieldname:	Willow Pass Gas (ABD)
Area name:	East	Section:	16
Township:	02N	Range:	01W
Base meridian:	MD	Elevation:	Not Reported
Gissourcec:	gps		

Comments:	GPS Date 06/05/2007, Status Code 024		
Leasename:	Seeno-Scott	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	04-JAN-88
Welldeptha:	3967		
Redrillfoo:	0		
Abandonedd:	10-JUL-95	Completion:	30-JAN-88
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000232864		

B6
West
1/2 - 1 Mile

OIL_GAS **CAOG11000232865**

District nun:	6	Api number:	01320274
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Contra Costa	Fieldname:	Willow Pass Gas (ABD)
Area name:	East	Section:	16
Township:	02N	Range:	01W
Base meridian:	MD	Elevation:	Not Reported
Gissourcec:	gps		
Comments:	GPS Date 06/05/2007, Status Code 024		
Leasename:	Seeno-Scott	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	04-JAN-88
Welldeptha:	3967		
Redrillfoo:	0		
Abandonedd:	10-JUL-95	Completion:	30-JAN-88
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000232865		

B7
West
1/2 - 1 Mile

OIL_GAS **CAOG11000232834**

District nun:	6	Api number:	01320244
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Contra Costa	Fieldname:	Willow Pass Gas (ABD)
Area name:	East	Section:	16
Township:	02N	Range:	01W
Base meridian:	MD	Elevation:	274
Gissourcec:	gps		
Comments:	GPS Date 06/05/2007, Status Code 024		
Leasename:	Seeno-Scott	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	17-JUN-85
Welldeptha:	4000		
Redrillfoo:	0		
Abandonedd:	10-APR-92	Completion:	11-JUL-85
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000232834		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

B8
West
1/2 - 1 Mile

OIL_GAS **CAOG11000232835**

District nun:	6	Api number:	01320244
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Contra Costa	Fieldname:	Willow Pass Gas (ABD)
Area name:	East	Section:	16
Township:	02N	Range:	01W
Base meridian:	MD	Elevation:	274
Gissourcec:	gps		
Comments:	GPS Date 06/05/2007, Status Code 024		
Leasename:	Seeno-Scott	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	17-JUN-85
Welldeptha:	4000		
Redrillfoo:	0		
Abandonedd:	10-APR-92	Completion:	11-JUL-85
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000232835		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94565	29	2

Federal EPA Radon Zone for CONTRA COSTA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 94565

Number of sites tested: 4

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.375 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX B

ENVIRONMENTAL DATA RESOURCES, INC.

Sanborn Map Report

Alves Ranch

Alves Ranch Rd and W Leland Rd.

Pittsburg, CA 94565

Inquiry Number: 5098367.3

November 06, 2017

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

11/06/17

Site Name:

Alves Ranch
Alves Ranch Rd and W Leland
Pittsburg, CA 94565
EDR Inquiry # 5098367.3

Client Name:

Engeo Inc.
2010 Crow Canyon Place
San Ramon, CA 94583
Contact: Stephen Fallon

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Engeo Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 67AF-481A-930B

PO # P2017.001.652

Project Alves Ranch

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 67AF-481A-930B

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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APPENDIX C

ENVIRONMENTAL DATA RESOURCES, INC.

Historical Topographic Map Report

Alves Ranch

Alves Ranch Rd and W Leland Rd.

Pittsburg, CA 94565

Inquiry Number: 5098367.4

November 06, 2017

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

11/06/17

Site Name:	Client Name:
Alves Ranch	Engeo Inc.
Alves Ranch Rd and W Leland	2010 Crow Canyon Place
Pittsburg, CA 94565	San Ramon, CA 94583
EDR Inquiry # 5098367.4	Contact: Stephen Fallon

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Engeo Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		*Coordinates:*	
P.O.#	P2017.001.652	**Latitude:**	38.0192 38° 1' 9" North
Project:	Alves Ranch	**Longitude:**	-121.95621 -121° 57' 22" West
		UTM Zone:	Zone 10 North
		UTM X Meters:	591619.31
		UTM Y Meters:	4208459.35
		Elevation:	222.78' above sea level

Maps Provided:

2012	1907
1994, 1997	
1980	
1973	
1968	
1953	
1918	
1908, 1912	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets

Honker Bay
2012
7.5-minute, 24000

Clayton
2012
7.5-minute, 24000

1994, 1997 Source Sheets

Clayton
1994
7.5-minute, 24000
Aerial Photo Revised 1979

Honker Bay
1997
7.5-minute, 24000
Aerial Photo Revised 1997

1980 Source Sheets

Clayton
1980
7.5-minute, 24000
Aerial Photo Revised 1979

Honker Bay
1980
7.5-minute, 24000
Aerial Photo Revised 1979

1973 Source Sheets

Clayton
1973
7.5-minute, 24000
Aerial Photo Revised 1973

Honker Bay
1973
7.5-minute, 24000
Aerial Photo Revised 1973

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1968 Source Sheets

Clayton
1968
7.5-minute, 24000
Aerial Photo Revised 1968

Honker Bay
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1953 Source Sheets

Clayton
1953
7.5-minute, 24000
Aerial Photo Revised 1949

Honker Bay
1953
7.5-minute, 24000
Aerial Photo Revised 1949

1918 Source Sheets

Honker Bay
1918
7.5-minute, 31680

1908, 1912 Source Sheets

Antioch
1908
15-minute, 62500

Topo Sheet Key

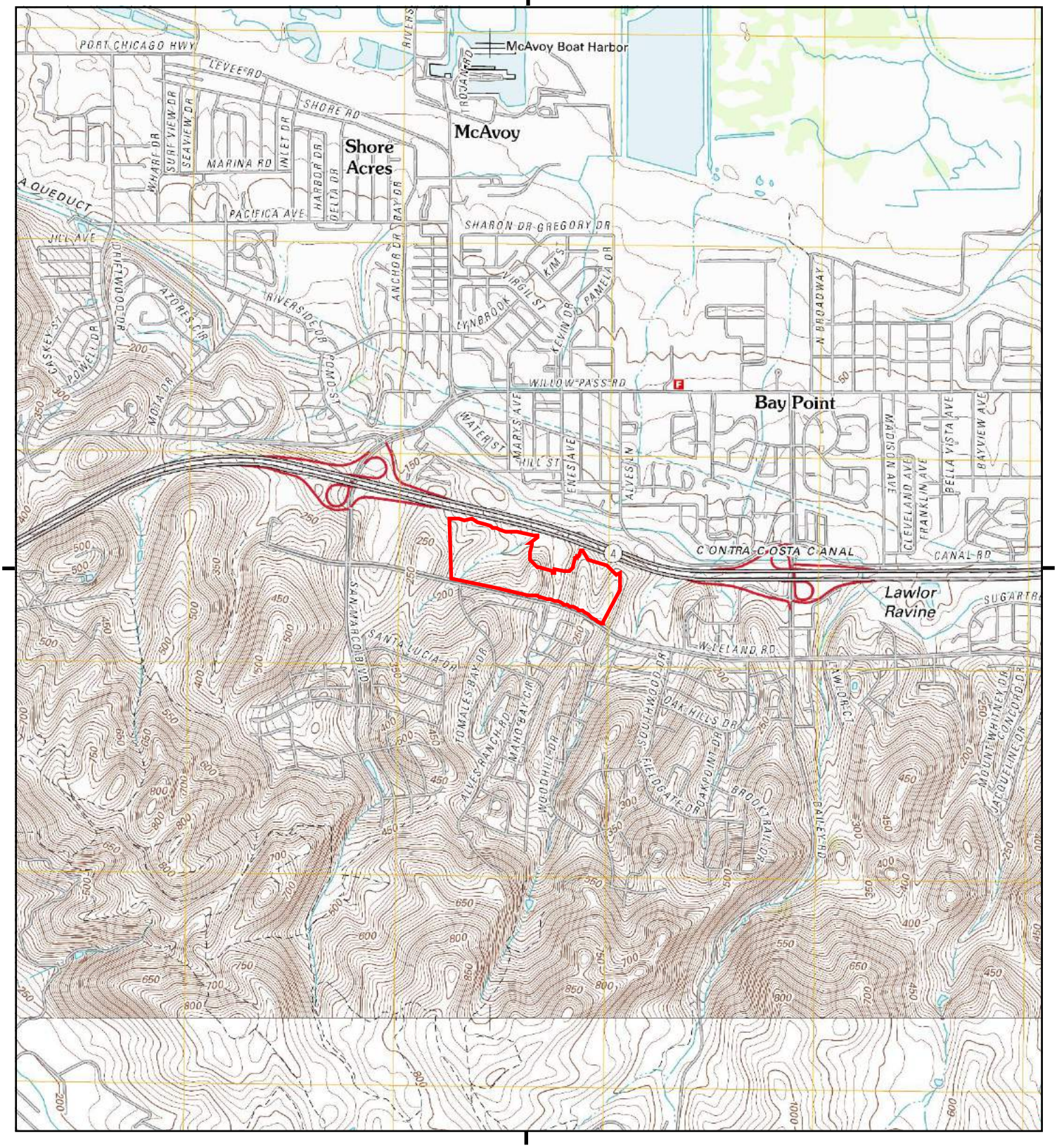
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1907 Source Sheets

Antioch
1907
15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

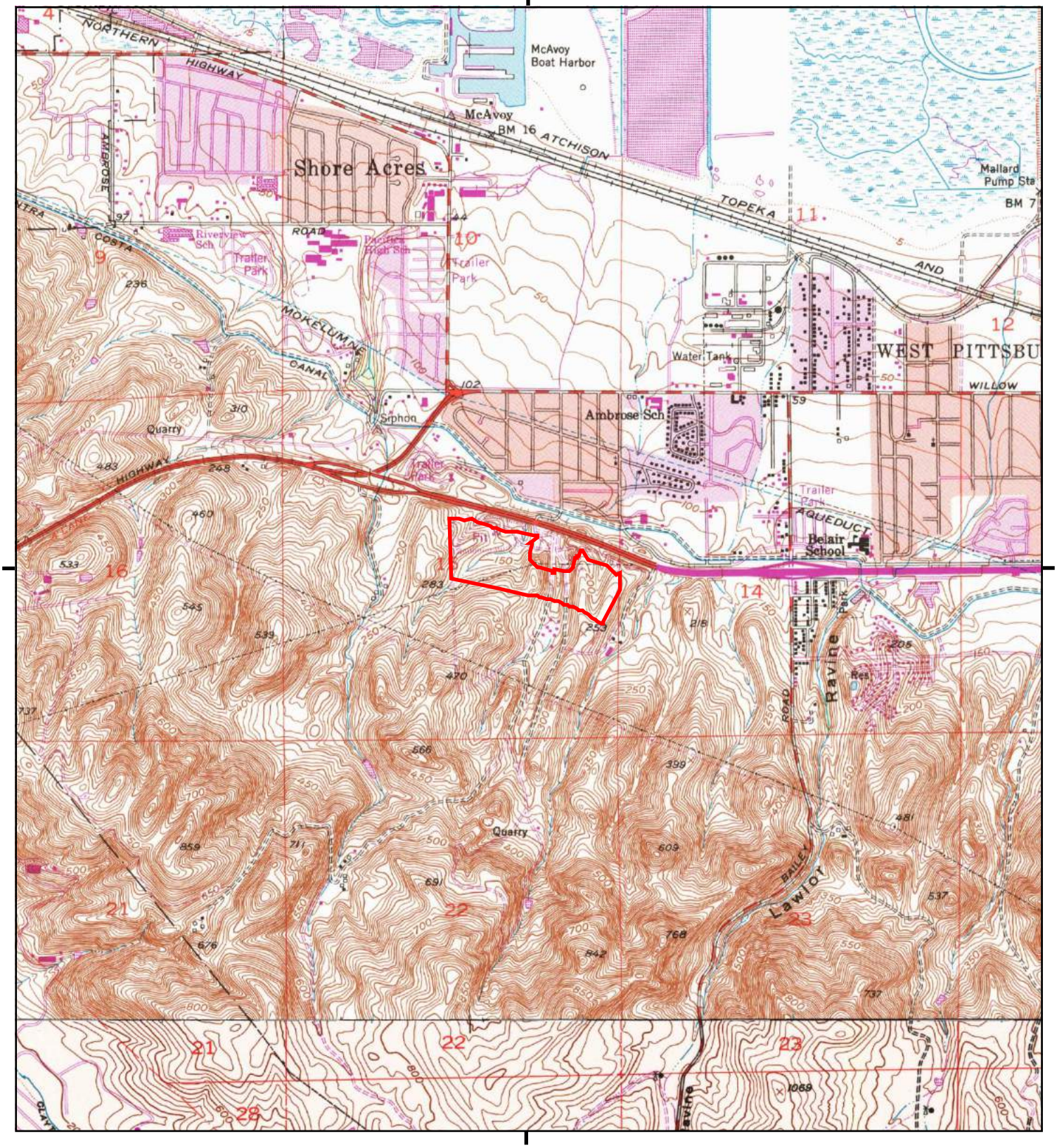
TP, Honker Bay, 2012, 7.5-minute
S, Clayton, 2012, 7.5-minute

SITE NAME: Alves Ranch
ADDRESS: Alves Ranch Rd and W Leland Rd.
Pittsburg, CA 94565
CLIENT: Engeo Inc.

N

Historical Topo Map

1994, 1997



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

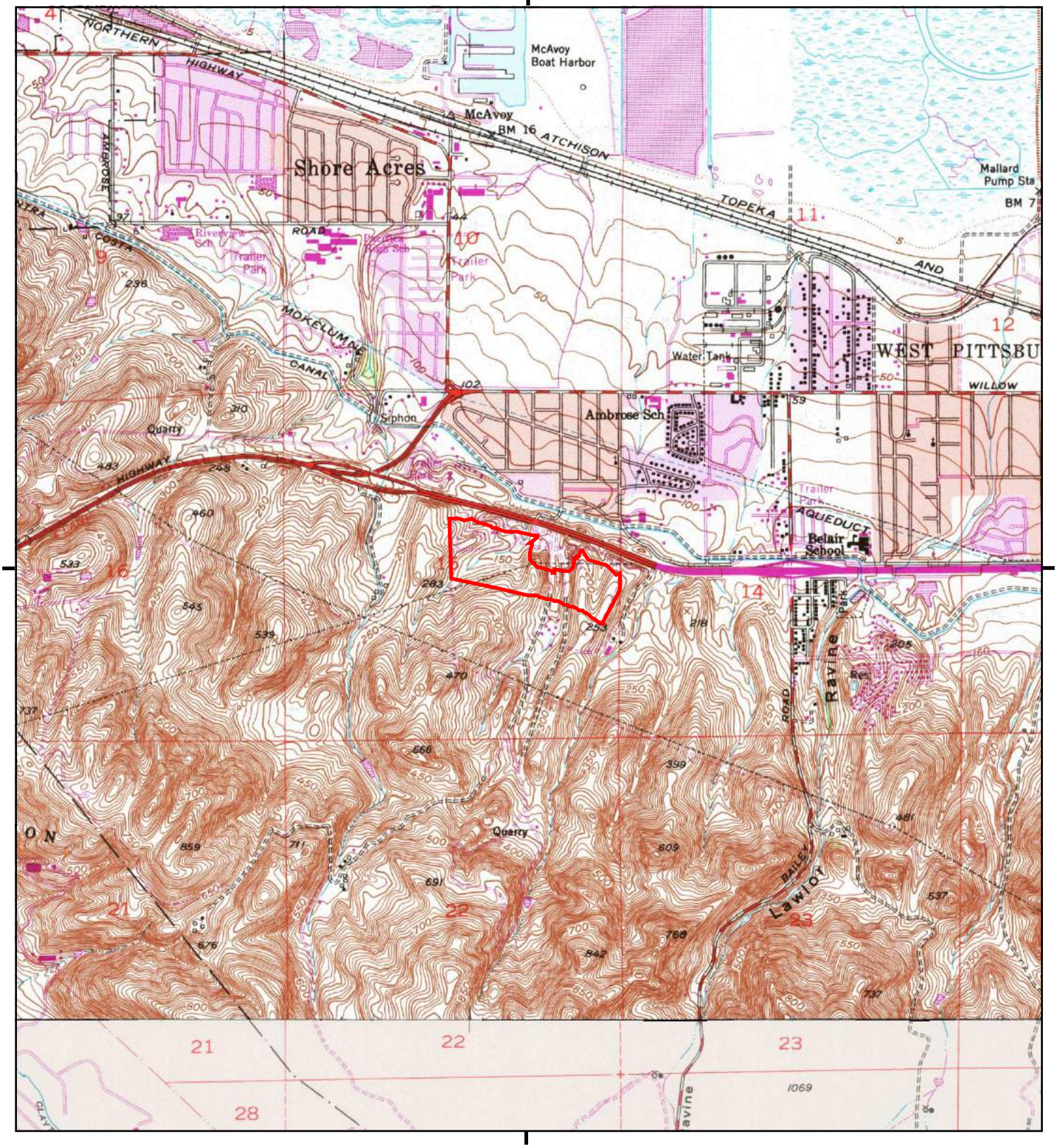
TP, Honker Bay, 1997, 7.5-minute
S, Clayton, 1994, 7.5-minute

SITE NAME: Alves Ranch
ADDRESS: Alves Ranch Rd and W Leland Rd.
Pittsburg, CA 94565
CLIENT: Engeo Inc.

N

Historical Topo Map

1980



This report includes information from the following map sheet(s).

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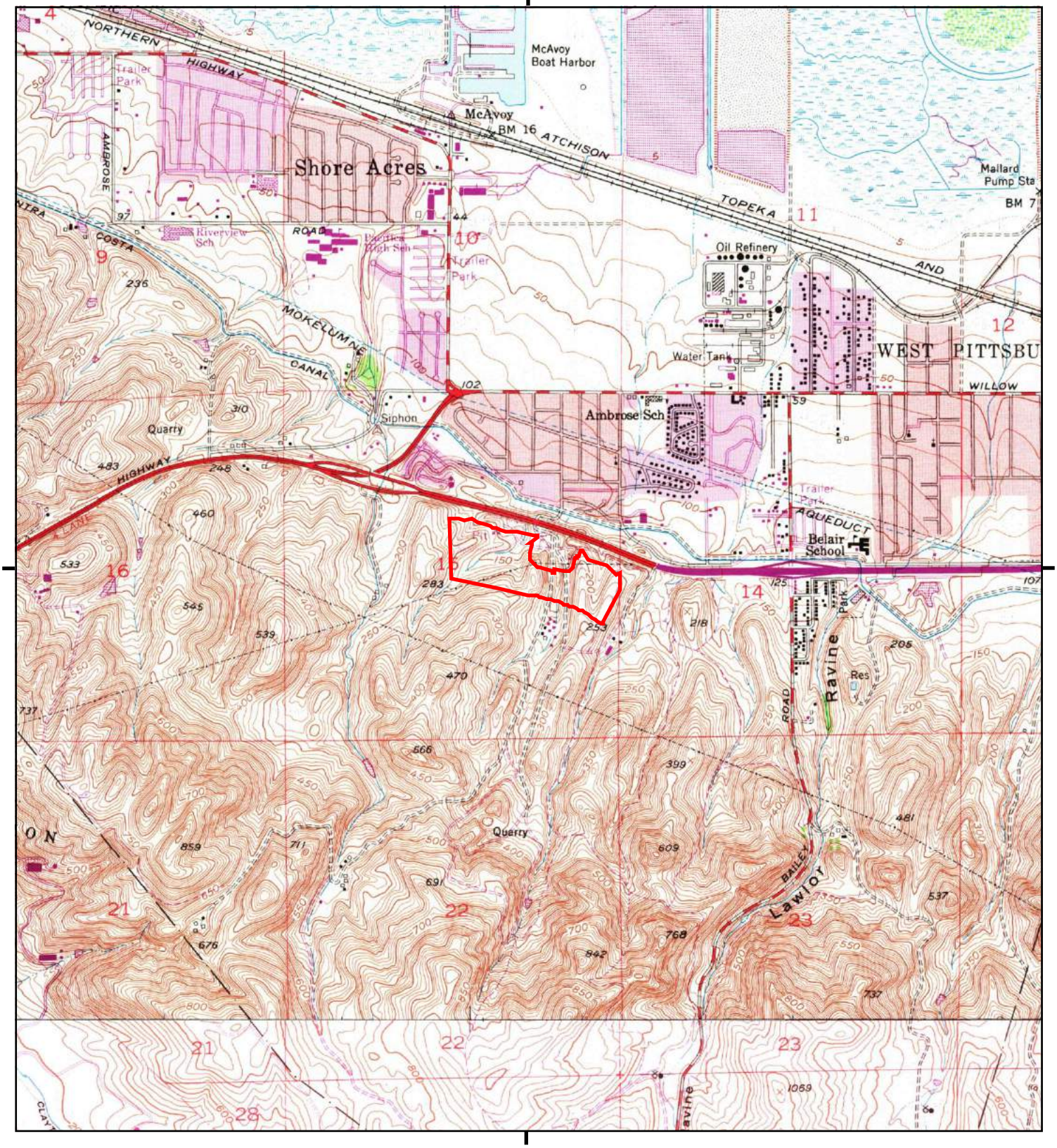
NW N NE
W E
SW S SE

TP, Honker Bay, 1980, 7.5-minute
S, Clayton, 1980, 7.5-minute

SITE NAME: Alves Ranch
ADDRESS: Alves Ranch Rd and W Leland Rd.
Pittsburg, CA 94565
CLIENT: Engeo Inc.

N



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0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

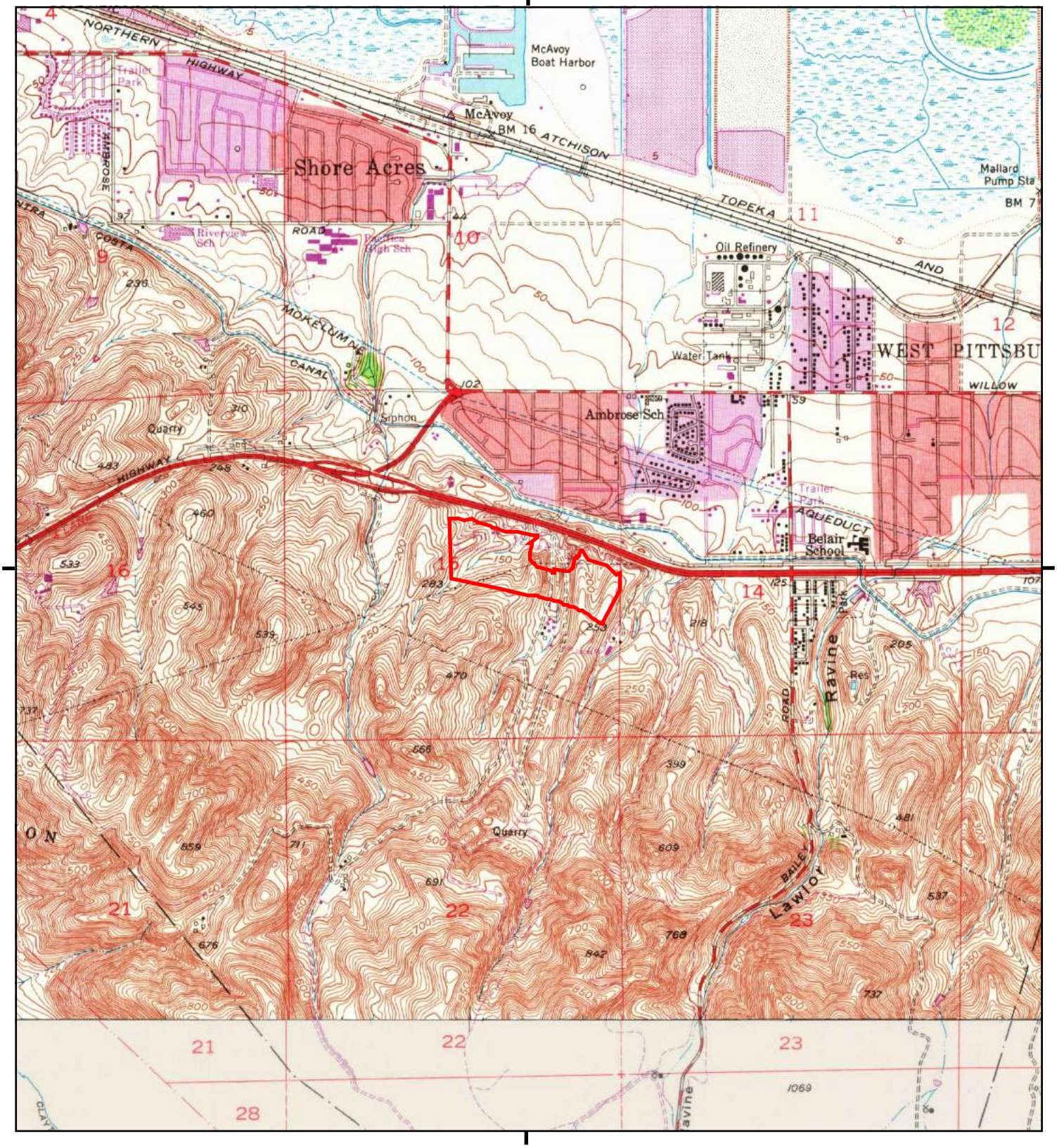
TP, Honker Bay, 1973, 7.5-minute
S, Clayton, 1973, 7.5-minute

SITE NAME: Alves Ranch
ADDRESS: Alves Ranch Rd and W Leland Rd.
Pittsburg, CA 94565
CLIENT: Engeo Inc.

N

Historical Topo Map

1968



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

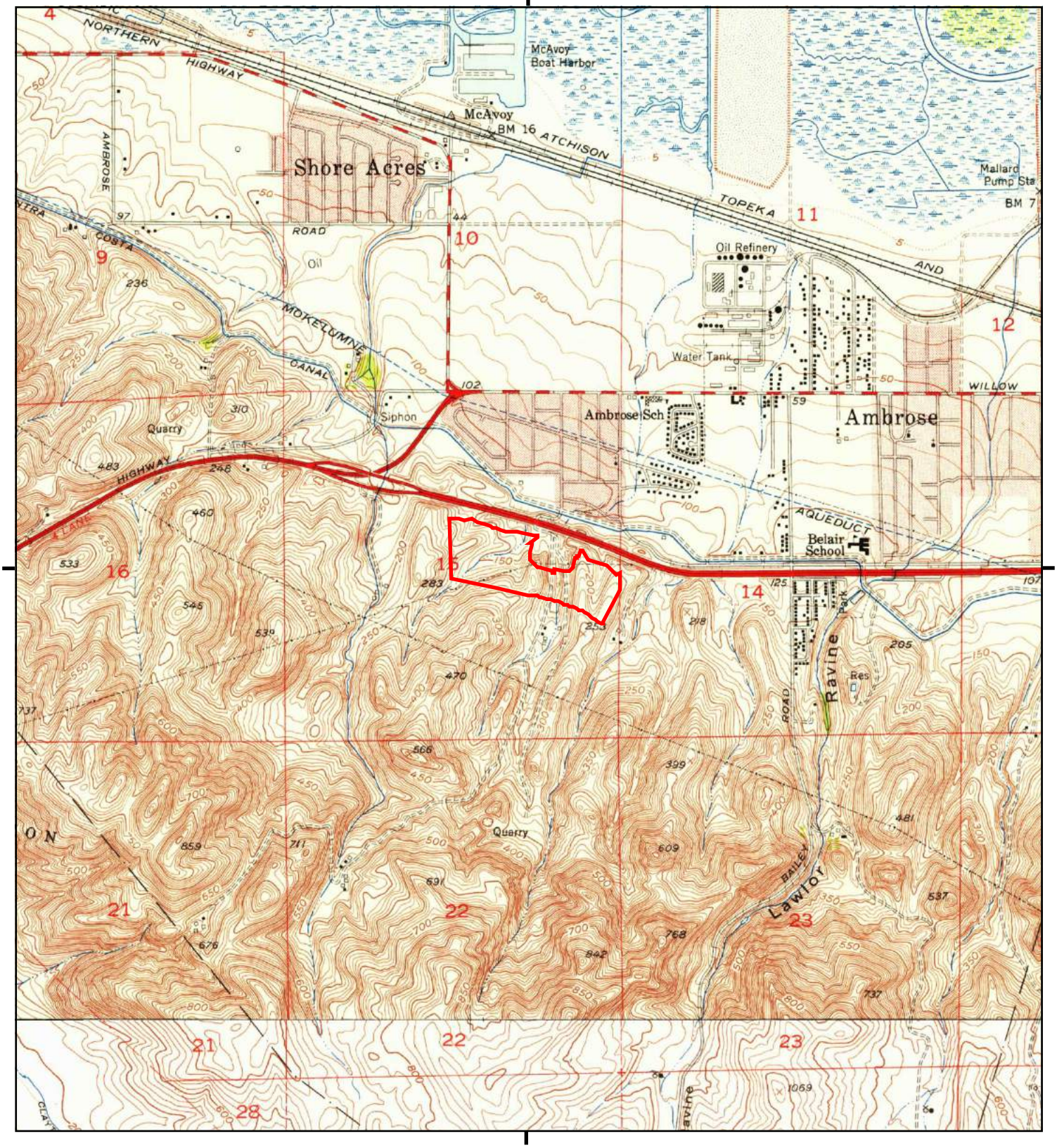
TP, Honker Bay, 1968, 7.5-minute
S, Clayton, 1968, 7.5-minute

SITE NAME: Alves Ranch
ADDRESS: Alves Ranch Rd and W Leland Rd.
Pittsburg, CA 94565
CLIENT: Engeo Inc.

N

Historical Topo Map

1953



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

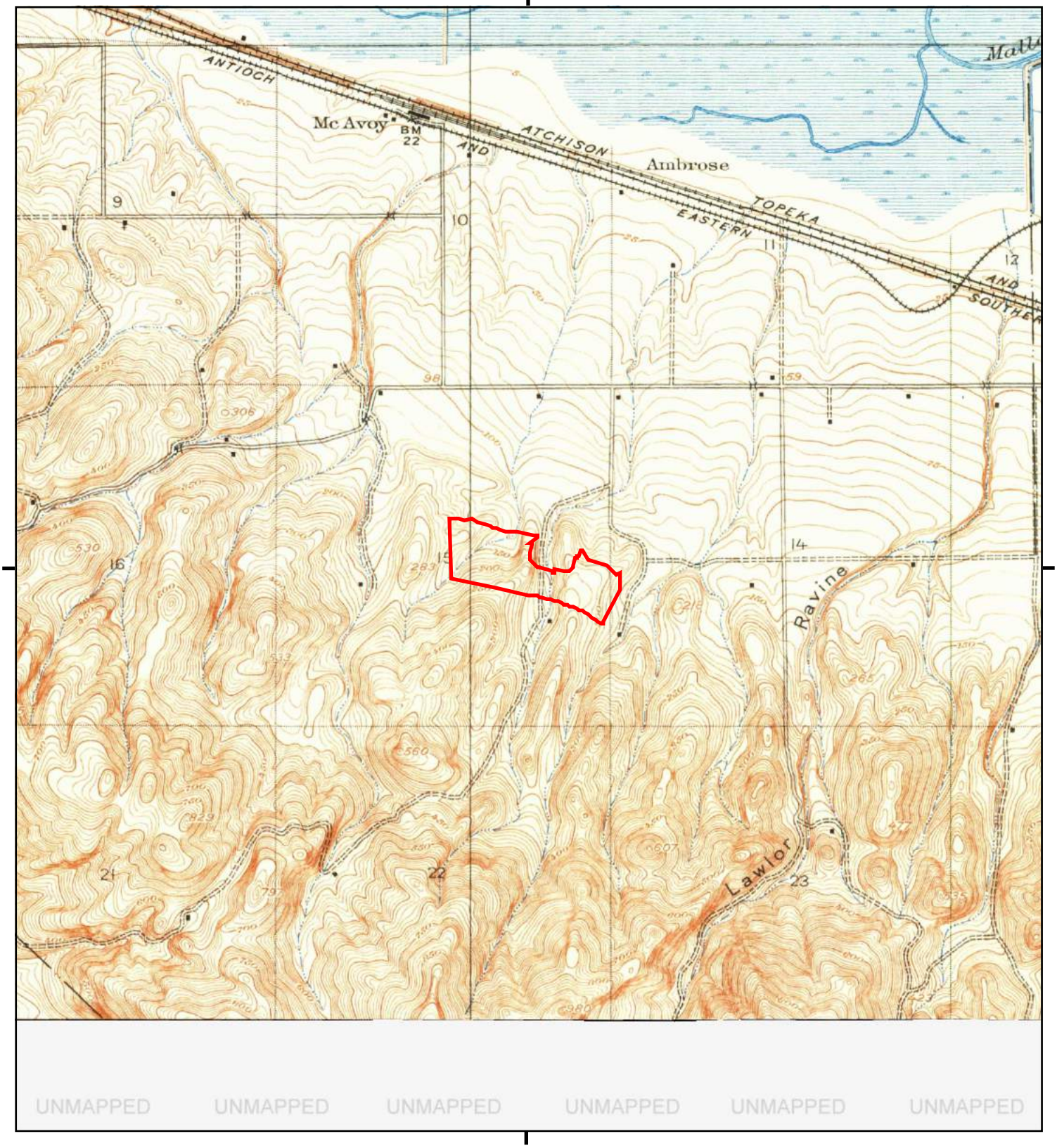
TP, Honker Bay, 1953, 7.5-minute
S, Clayton, 1953, 7.5-minute

SITE NAME: Alves Ranch
ADDRESS: Alves Ranch Rd and W Leland Rd.
Pittsburg, CA 94565
CLIENT: Engeo Inc.

N

Historical Topo Map

1918



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

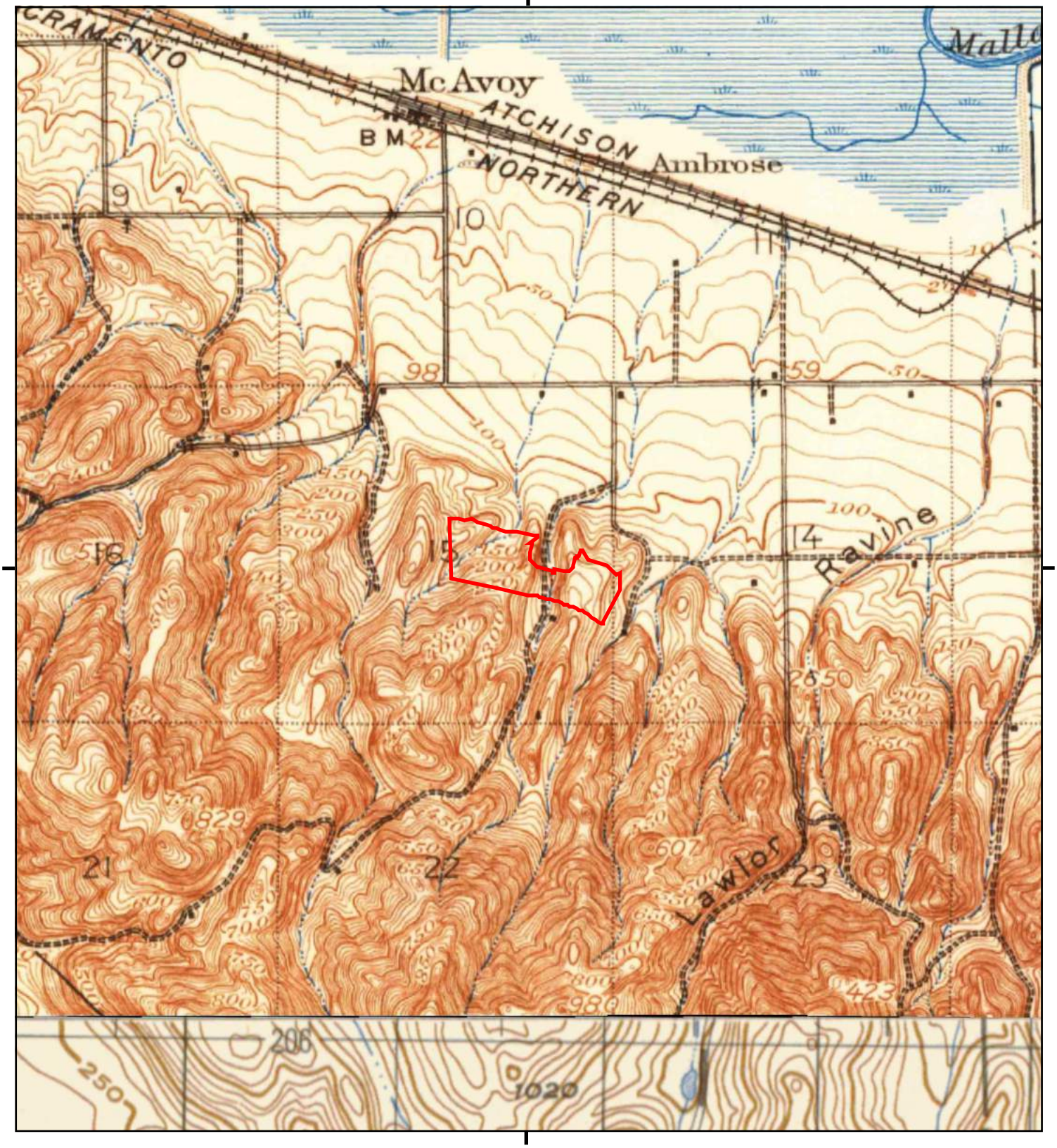
TP, Honker Bay, 1918, 7.5-minute

SITE NAME: Alves Ranch
ADDRESS: Alves Ranch Rd and W Leland Rd.
Pittsburg, CA 94565
CLIENT: Engeo Inc.

N

Historical Topo Map

1908, 1912



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

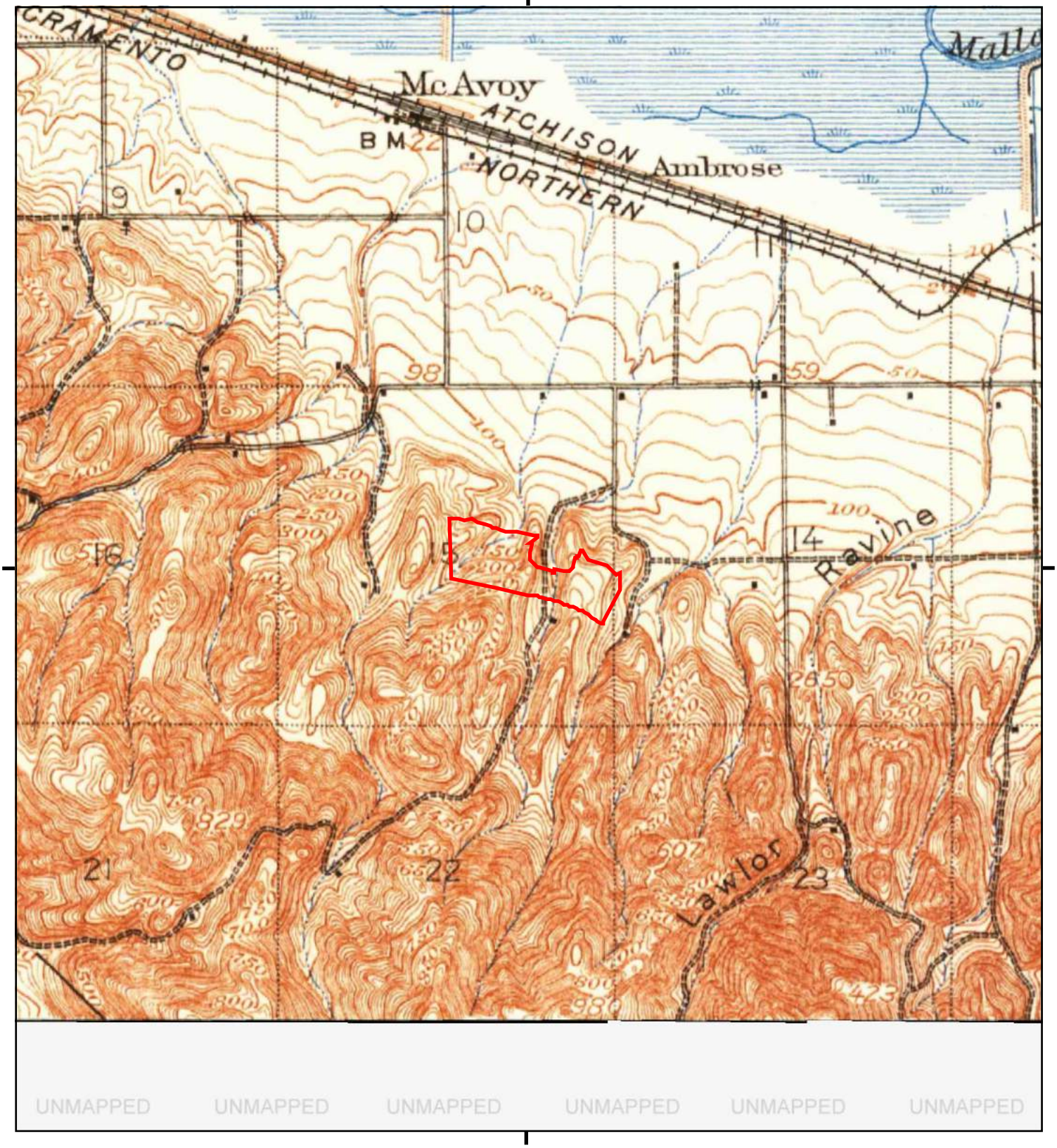
TP, Antioch, 1908, 15-minute
SE, MT. DIABLO, 1912, 15-minute

SITE NAME: Alves Ranch
ADDRESS: Alves Ranch Rd and W Leland Rd.
Pittsburg, CA 94565
CLIENT: Engeo Inc.

N

Historical Topo Map

1907



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Antioch, 1907, 15-minute

SITE NAME: Alves Ranch
ADDRESS: Alves Ranch Rd and W Leland Rd.
Pittsburg, CA 94565
CLIENT: Engeo Inc.

N

APPENDIX D

FIRST AMERICAN TITLE COMPANY

Preliminary Title Report

First American Title

First American Title Company

4750 Willow Road, Suite 100
Pleasanton, CA 94588

Escrow Officer: Michelle Chan
Phone: (925)738-4050
Fax No.: (866)648-7806
E-Mail: mlchan@firstam.com

Title Officer: Kimberly Speer
Phone: (925)356-7195
Fax No.: (714)689-4257
E-Mail: kspeer@firstam.com

E-Mail Loan Documents to: Lenders please contact the Escrow Officer for email address for sending loan documents.

PRELIMINARY REPORT

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Exhibit A attached. *The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties*. Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Exhibit A. Copies of the policy forms should be read. They are available from the office which issued this report.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

Dated as of September 28, 2017 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

ALTA Extended Loan Policy - 2006

ALTA Extended Owner Policy - 2006

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

ALVES RANCH, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY

The estate or interest in the land hereinafter described or referred to covered by this Report is:

A fee.

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2017-2018, a lien not yet due or payable.

2. Assessment liens, if applicable, collected with the general and special taxes, including but not limited to those disclosed by the reflection of the following on the tax roll:

   Community Facilities District Mt Diablo Mello Roos.

3. The land lies within the boundaries of assessment/community facilities District1999-01, as disclosed by a map filed OCTOBER 5, 1999 in BOOK 65, PAGE 39 of maps of assessment and community facilities districts.

4. The land lies within the boundaries of assessment/community facilities District 2000-1, as disclosed by a map filed JUNE 8, 2000 in BOOK 66, PAGE 27 of maps of assessment and community facilities districts.

5. The land lies within the boundaries of Southwest Pittsburg Geologic Hazard Abatement DistrictII, as disclosed by an assessment map in Book 81, Page 33 recorded MARCH 22, 2007 as INSTRUMENT NO. 2007-0084381 of Official Records.

6. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

7. An easement for RIGHT OF WAY FOR ELECTRIC TRANSMISSION LINES and incidental purposes, recorded DECEMBER 7, 1937 as BOOK 449, PAGE 307 of Official Records.
   In Favor of: PACIFIC GAS AND ELECTRIC COMPANY
   Affects: A PORTION OF THE LAND

8. An easement for ELECTRICAL, POWER TRANSMISSION and incidental purposes, recorded DECEMBER 1, 1992 as INSTRUMENT NO. 1992-318205 IN BOOK 18077, PAGE 700 of Official Records.
   In Favor of: CONTRA COSTA COUNTY
   Affects: A PORTION OF THE LAND

AND RECORDED MARCH 17, 1993 AS INSTRUMENT NO. 1993-66554 IN BOOK 18355, PAGE 639 OF OFFICIAL RECORDS.

9. Abutter's rights of ingress and egress to or from STATE FREEWAY have been relinquished in the document recorded DECEMBER 1, 1992 as BOOK 18077, PAGE 700 of Official Records.

AND RECORDED MARCH 17, 1993 AS INSTRUMENT NO. 1993-66554 IN BOOK 18355, PAGE 639 OF OFFICIAL RECORDS.

10. Abutter's rights of ingress and egress to or from STATE FREEWAY have been relinquished in the document recorded AUGUST 12, 1993 as INSTRUMENT NO. 1993-215279 IN BOOK 18836, PAGE 602 of Official Records.

11. A waiver of any claims for damages by reason of the location, construction, landscaping or maintenance of a contiguous freeway, highway, roadway or transit facility as contained in the document recorded AUGUST 12, 1993 as INSTRUMENT NO. 1993-215279 IN BOOK 18836, PAGE 602 of Official Records.

12. Any facts, rights, interests or claims that may exist or arise by reason of matters, if any, disclosed by that certain Record of Survey filed AUGUST 29, 2001 in Book121, Page 32 .

13. The terms and provisions contained in the document entitled DEVELOPMENT AGREEMENT BETWEEN THE CITY OF PITTSBURG, CALIFORNIA AND ALVES RANCH, LLC AND WILLIAM LYON HOMES, INC. recorded FEBRUARY 25, 2005 as INSTRUMENT NO. 2005-065303 of Official Records.

    Document(s) declaring modifications thereof recorded JUNE 14, 2005 as INSTRUMENT NO. 2005-0213402 of Official Records.

    Document(s) declaring modifications thereof recorded AUGUST 10, 2006 as INSTRUMENT NO. 2006-0253453 of Official Records.

    Document(s) declaring modifications thereof recorded SEPTEMBER 21, 2010 as INSTRUMENT NO. 2010-0199994 of Official Records.

    Document(s) declaring modifications thereof recorded OCTOBER 8, 2010 as INSTRUMENT NO. 2010-0218997 of Official Records.

14. AN UNRECORDED REAL ESTATE PURCHASE AGREEMENT AND JOINT ESCROW INSTRUCTIONS DATED AUGUST 5, 2003 BY AND BETWEEN ALVES RANCH, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY ("SELLER"), AND LYON VISTA DEL MAR 533, LLC, A DELAWARE LIMITED LIABILITY COMPANY ("BUYER"), AS DISCLOSED IN A TEMPORARY CONSTRUCTION EASEMENT RECORDED JUNE 29, 2005, DOCUMENT NO. 2005-0237442, CONTRA COSTA COUNTY RECORDS.

    The location of the easement cannot be determined from record information.

15. An easement shown or dedicated on the Map as referred to in the legal description
    For: Private access, public utility and incidental purposes.

16. An easement for TEMPORARY CONSTRUCTION and incidental purposes, recorded JUNE 29, 2005 as INSTRUMENT NO. 2005-0237442 of Official Records.
    In Favor of: LYON VISTA DEL MAR 533, LLC, A DELAWARE LIMITED LIABILITY COMPANY
    Affects: A PORTION OF THE LAND

    The location of the easement cannot be determined from record information.

17. The terms and provisions contained in the document entitled AFFORDABLE HOUSING AGREEMENT recorded SEPTEMBER 5, 2006 as INSTRUMENT NO. 2006-0281807 of Official Records.

18. The fact that the land lies within the boundaries of theLos Medanos Community Redevelopment Project Area, as disclosed by various documents of record.

19. Water rights, claims or title to water, whether or not shown by the public records.

20. Rights of parties in possession.

21. Any facts, rights, interests or claims which would be disclosed by a correct ALTA/NSPS survey.

    Prior to the issuance of any policy of title insurance, the Company will require:

22. With respect to Alves Ranch, LLC, a California limited liability company:
    a. A copy of its operating agreement and any amendments thereto;
    b. If it is a California limited liability company, that a certified copy of its articles of organization (LLC-1) and any certificate of correction (LLC-11), certificate of amendment (LLC-2), or restatement of articles of organization (LLC-10) be recorded in the public records;
    c. If it is a foreign limited liability company, that a certified copy of its application for registration (LLC-5) be recorded in the public records;
    d. With respect to any deed, deed of trust, lease, subordination agreement or other document or instrument executed by such limited liability company and presented for recordation by the Company or upon which the Company is asked to rely, that such document or instrument be executed in accordance with one of the following, as appropriate:
    (i) If the limited liability company properly operates through officers appointed or elected pursuant to the terms of a written operating agreement, such document must be executed by at least two duly elected or appointed officers, as follows: the chairman of the board, the president or any vice president, and any secretary, assistant secretary, the chief financial officer or any assistant treasurer;
    (ii) If the limited liability company properly operates through a manager or managers identified in the articles of organization and/or duly elected pursuant to the terms of a written operating agreement, such document must be executed by at least two such managers or by one manager if the limited liability company properly operates with the existence of only one manager.

e. Other requirements which the Company may impose following its review of the material required herein and other information which the Company may require.

23. An ALTA/NSPS survey of recent date which complies with the current minimum standard detail requirements for ALTA/NSPS land title surveys.

INFORMATIONAL NOTES

Note: The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than the certain dollar amount set forth in any applicable arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. If you desire to review the terms of the policy, including any arbitration clause that may be included, contact the office that issued this Commitment or Report to obtain a sample of the policy jacket for the policy that is to be issued in connection with your transaction.

1. General and special taxes and assessments for the fiscal year 2016-2017.

First Installment:	$14,005.69, PAID
Penalty:	$0.00
Second Installment:	$14,005.69, PAID
Penalty:	$0.00
Tax Rate Area:	07-050
A. P. No.:	097-700-002-5-01

2. The property covered by this report is vacant land.

3. According to the public records, there has been no conveyance of the land within a period of twenty-four months prior to the date of this report, except as follows:

   None

4. We find no open deeds of trust. Escrow please confirm before closing.

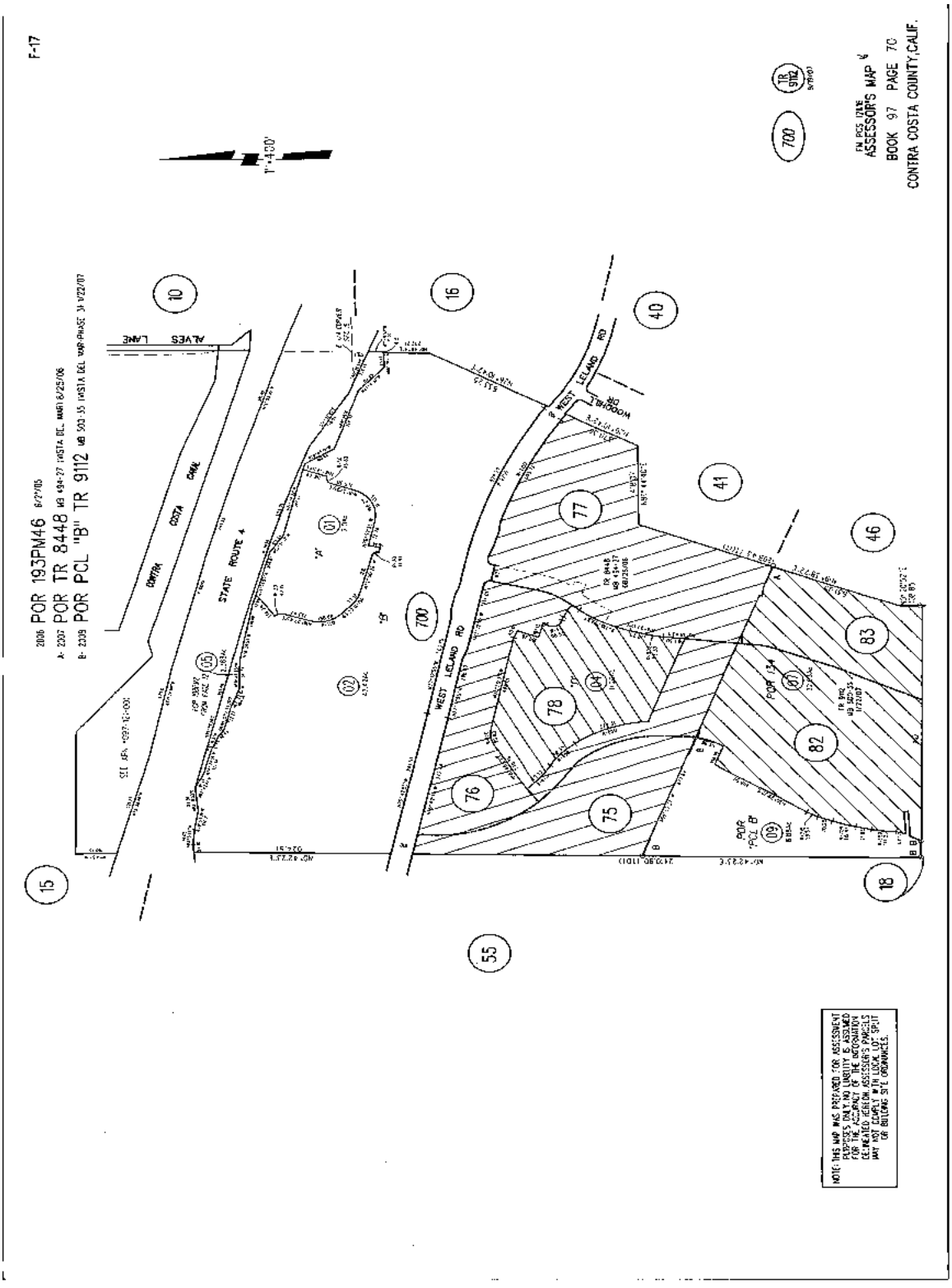
The map attached, if any, may or may not be a survey of the land depicted hereon. First American expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

LEGAL DESCRIPTION

Real property in the City of Pittsburg , County of Contra Costa, State of California, described as follows:

PARCEL B, AS SHOWN ON PARCEL MAP NO. MS 676-05, FILED JUNE 21, 2005 IN BOOK 193 OF PARCEL MAPS, PAGE 46, CONTRA COSTA COUNTY RECORDS.

APN: 097-700-002-5-01


F-17
1"=400'
ASSESSOR'S MAP
BOOK 97 PAGE 70
CONTRA COSTA COUNTY, CALIF.
2006 POR 193PM46
POR TR 8448
POR PCL "B" TR 9112
ALVES LANE
CONTRA COSTA CANAL
STATE ROUTE 4
WEST LELAND RD
WOODBAIL DR
NOTE: THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE INFORMATION DELINEATED HEREON. ASSESSOR'S PARCELS MAY NOT COMPLY WITH LOCAL LOT SPLIT OR BUILDING SITE ORDINANCES.

NOTICE

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

EXHIBIT A
LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)

CLTA STANDARD COVERAGE POLICY – 1990

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building or zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien, or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
   (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
   (c) resulting in no loss or damage to the insured claimant;
   (d) attaching or created subsequent to Date of Policy; or
   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate of interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART I

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
   Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public, records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (12-02-13)

EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
   a. building;
   b. zoning;
   c. land use;

d. improvements on the Land;
e. land division; and
f. environmental protection.
This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.

2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
   a. that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
   b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
   c. that result in no loss to You; or
   d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right:
   a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
   b. in streets, alleys, or waterways that touch the Land.
   This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.
8. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
9. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:
For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.
The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	Your Deductible Amount	Our Maximum Dollar Limit of Liability
Covered Risk 16:	1% of Policy Amount Shown in Schedule A or $2,500 (whichever is less)	$10,000
Covered Risk 18:	1% of Policy Amount Shown in Schedule A or $5,000 (whichever is less)	$25,000
Covered Risk 19:	1% of Policy Amount Shown in Schedule A or $5,000 (whichever is less)	$25,000
Covered Risk 21:	1% of Policy Amount Shown in Schedule A or $2,500 (whichever is less)	$5,000

2006 ALTA LOAN POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;

   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;

(c) resulting in no loss or damage to the Insured Claimant;
(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
(e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.

4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   (a) a fraudulent conveyance or fraudulent transfer, or
   (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

[Except as provided in Schedule B - Part II,[t[or T]his policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:

[PART I

[The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

PART II

In addition to the matters set forth in Part I of this Schedule, the Title is subject to the following matters, and the Company insures against loss or damage sustained in the event that they are not subordinate to the lien of the Insured Mortgage:]

2006 ALTA OWNER'S POLICY (06-17-06)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;

   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;

(c) resulting in no loss or damage to the Insured Claimant;
(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 or 10); or
(e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.

4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
(a) a fraudulent conveyance or fraudulent transfer, or
(b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:
[The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the Public Records.
7. [Variable exceptions such as taxes, easements, CC&R's, etc. shown here.]

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (07-26-10)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

    (i) the occupancy, use, or enjoyment of the Land;
    (ii) the character, dimensions, or location of any improvement erected on the Land;
    (iii) the subdivision of land; or
    (iv) environmental protection;

    or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
    (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
(a) created, suffered, assumed, or agreed to by the Insured Claimant;
(b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
(c) resulting in no loss or damage to the Insured Claimant;
(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
(e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the

Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.

7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   (a) a fraudulent conveyance or fraudulent transfer, or
   (b) a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.
10. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
11. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

First American Title

Privacy Information

We Are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information - particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our subsidiaries we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability

This Privacy Policy governs our use of the information that you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its Fair Information Values.

Types of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

Former Customers

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

Confidentiality and Security

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's Fair Information Values. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

Information Obtained Through Our Web Site

First American Financial Corporation is sensitive to privacy issues on the Internet. We believe it is important you know how we treat the information about you we receive on the Internet.
In general, you can visit First American or its affiliates' Web sites on the World Wide Web without telling us who you are or revealing any information about yourself. Our Web servers collect the domain names, not the e-mail addresses, of visitors. This information is aggregated to measure the number of visits, average time spent on the site, pages viewed and similar information. First American uses this information to measure the use of our site and to develop ideas to improve the content of our site.
There are times, however, when we may need information from you, such as your name and email address. When information is needed, we will use our best efforts to let you know at the time of collection how we will use the personal information. Usually, the personal information we collect is used only by us to respond to your inquiry, process an order or allow you to access specific account/profile information. If you choose to share any personal information with us, we will only use it in accordance with the policies outlined above.

Business Relationships

First American Financial Corporation's site and its affiliates' sites may contain links to other Web sites. While we try to link only to sites that share our high standards and respect for privacy, we are not responsible for the content or the privacy practices employed by other sites.

Cookies

Some of First American's Web sites may make use of "cookie" technology to measure site activity and to customize information to your personal tastes. A cookie is an element of data that a Web site can send to your browser, which may then store the cookie on your hard drive.
FirstAm.com uses stored cookies. The goal of this technology is to better serve you when visiting our site, save you time when you are here and to provide you with a more meaningful and productive Web site experience.

Fair Information Values

Fairness We consider consumer expectations about their privacy in all our businesses. We only offer products and services that assure a favorable balance between consumer benefits and consumer privacy.
Public Record We believe that an open public record creates significant value for society, enhances consumer choice and creates consumer opportunity. We actively support an open public record and emphasize its importance and contribution to our economy.
Use We believe we should behave responsibly when we use information about a consumer in our business. We will obey the laws governing the collection, use and dissemination of data.
Accuracy We will take reasonable steps to help assure the accuracy of the data we collect, use and disseminate. Where possible, we will take reasonable steps to correct inaccurate information. When, as with the public record, we cannot correct inaccurate information, we will take all reasonable steps to assist consumers in identifying the source of the erroneous data so that the consumer can secure the required corrections.
Education We endeavor to educate the users of our products and services, our employees and others in our industry about the importance of consumer privacy. We will instruct our employees on our fair information values and on the responsible collection and use of data. We will encourage others in our industry to collect and use information in a responsible manner.
Security We will maintain appropriate facilities and systems to protect against unauthorized access to and corruption of the data we maintain.

APPENDIX E

ENVIRONMENTAL DATA RESOURCES, INC.

Aerial Photo Decade Package

Alves Ranch

Alves Ranch Rd and W Leland Rd.

Pittsburg, CA 94565

Inquiry Number: 5098367.9

November 06, 2017

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

11/06/17

Site Name:

Alves Ranch
Alves Ranch Rd and W Leland
Pittsburg, CA 94565
EDR Inquiry # 5098367.9

Client Name:

Engeo Inc.
2010 Crow Canyon Place
San Ramon, CA 94583
Contact: Stephen Fallon

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Flight Date: August 23, 1998	USDA
1993	1"=500'	Acquisition Date: July 11, 1993	USGS/DOQQ
1984	1"=500'	Flight Date: June 08, 1984	USDA
1979	1"=500'	Flight Date: August 16, 1979	USDA
1966	1"=500'	Flight Date: May 15, 1966	USDA
1963	1"=500'	Flight Date: July 15, 1963	USGS
1958	1"=500'	Flight Date: August 13, 1958	USDA
1939	1"=500'	Flight Date: July 25, 1939	USDA
1937	1"=500'	Flight Date: August 25, 1937	USDA

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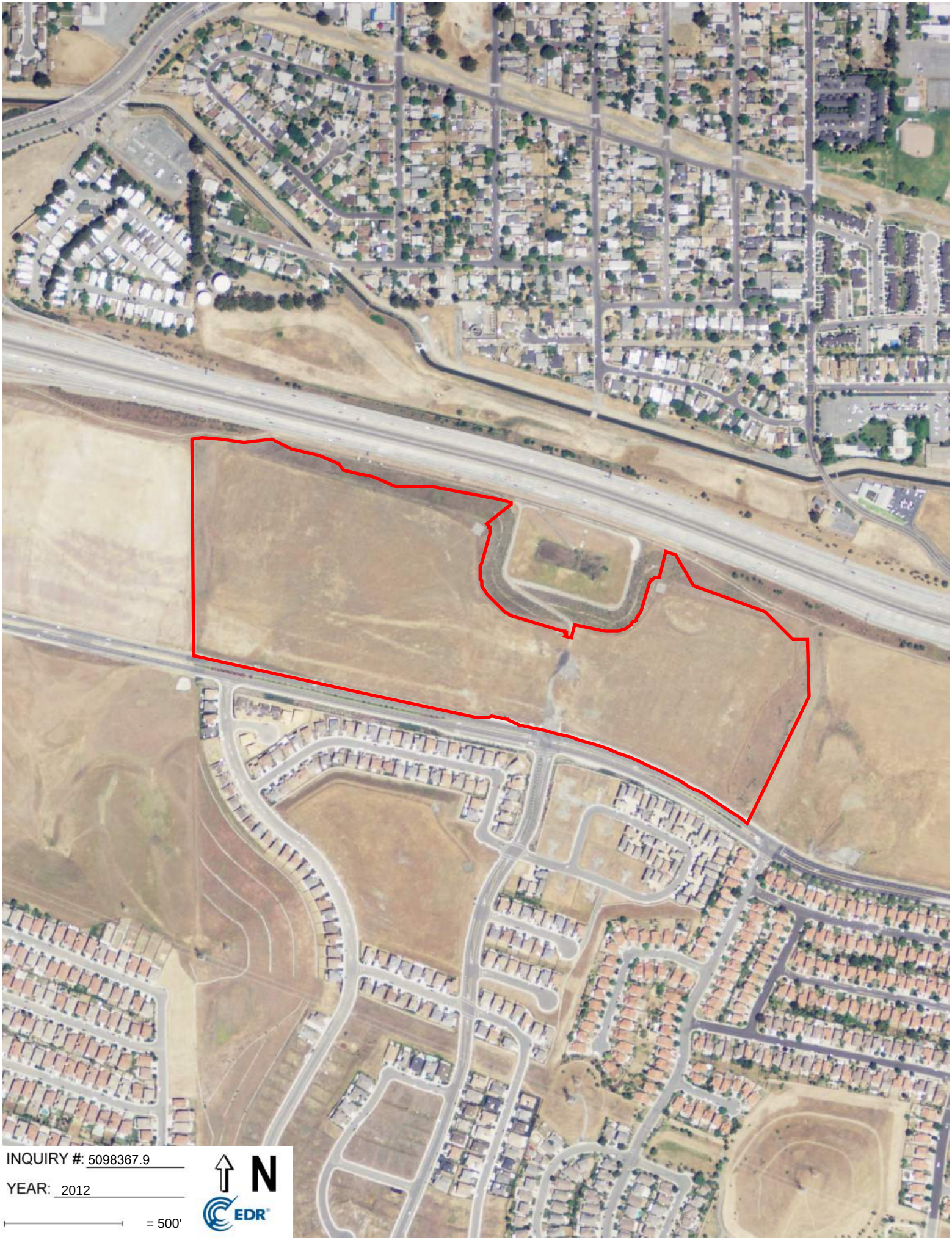
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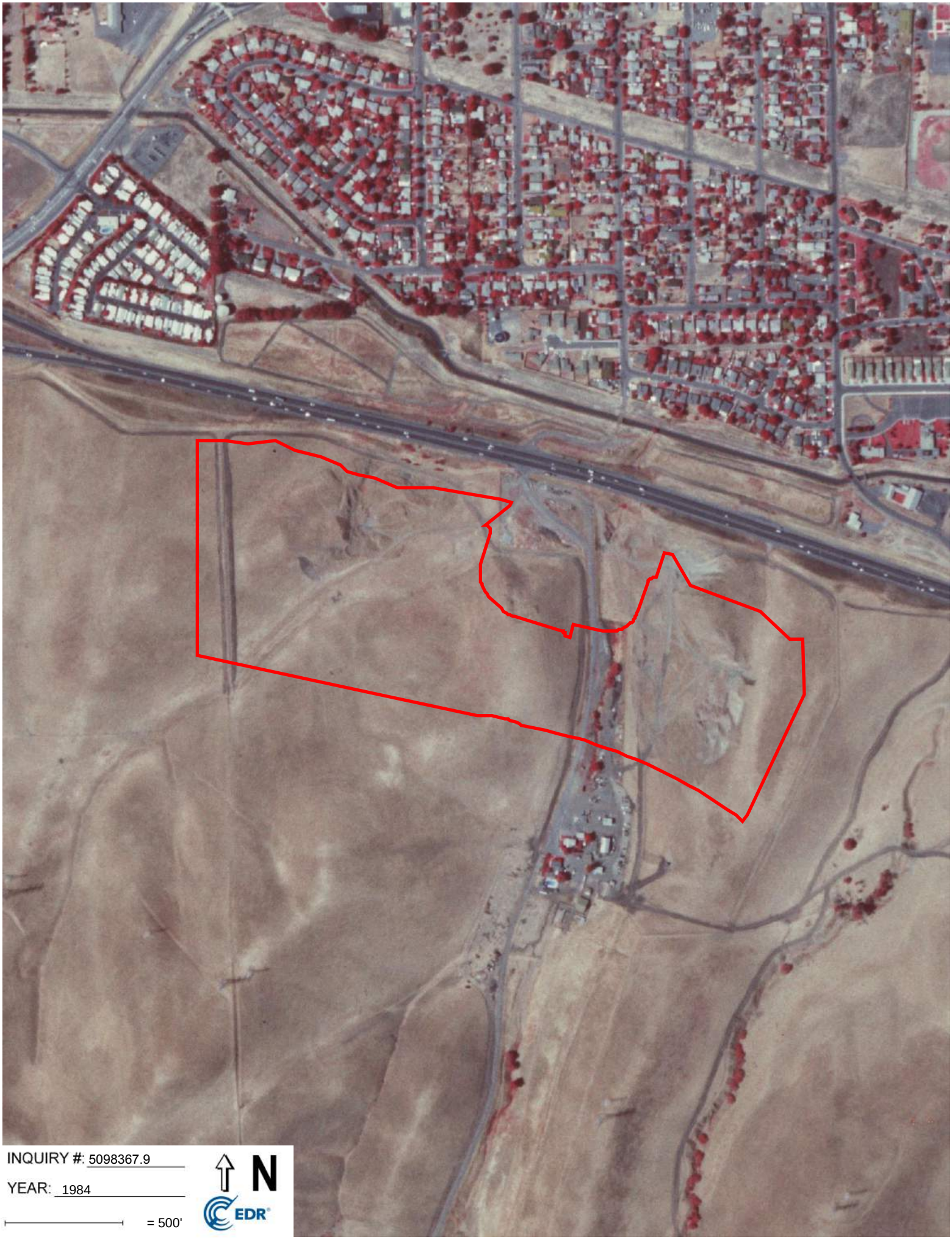
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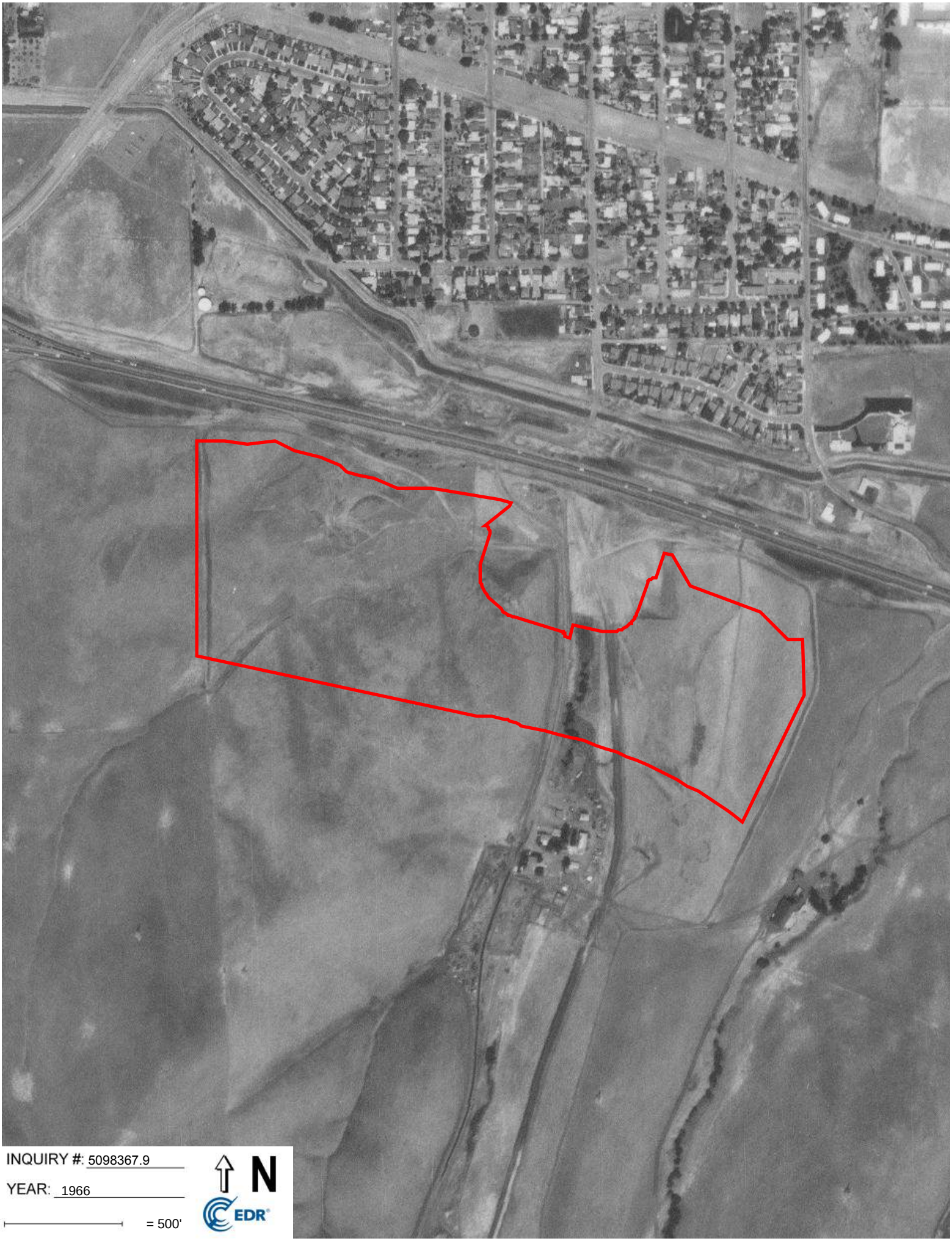
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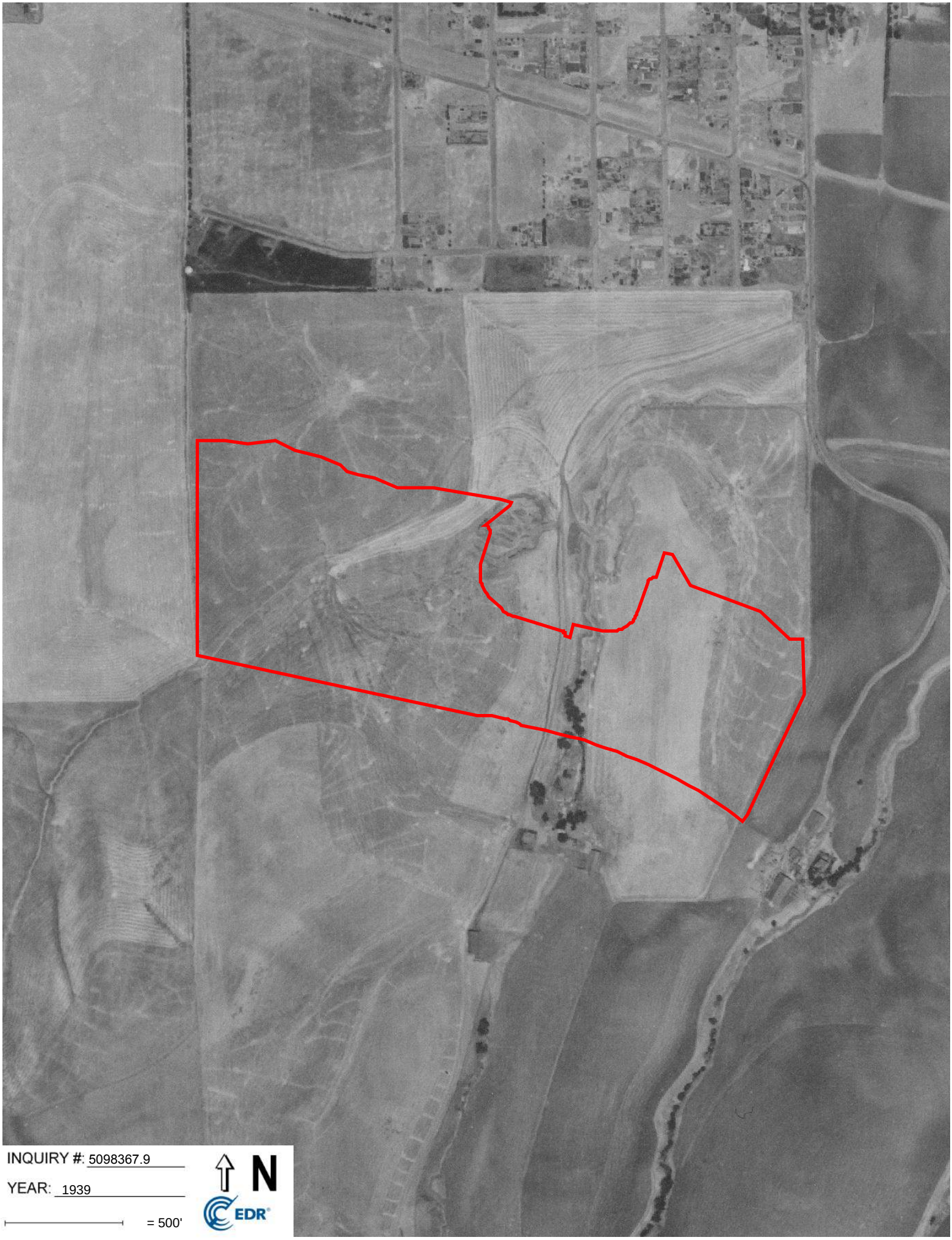
EDR



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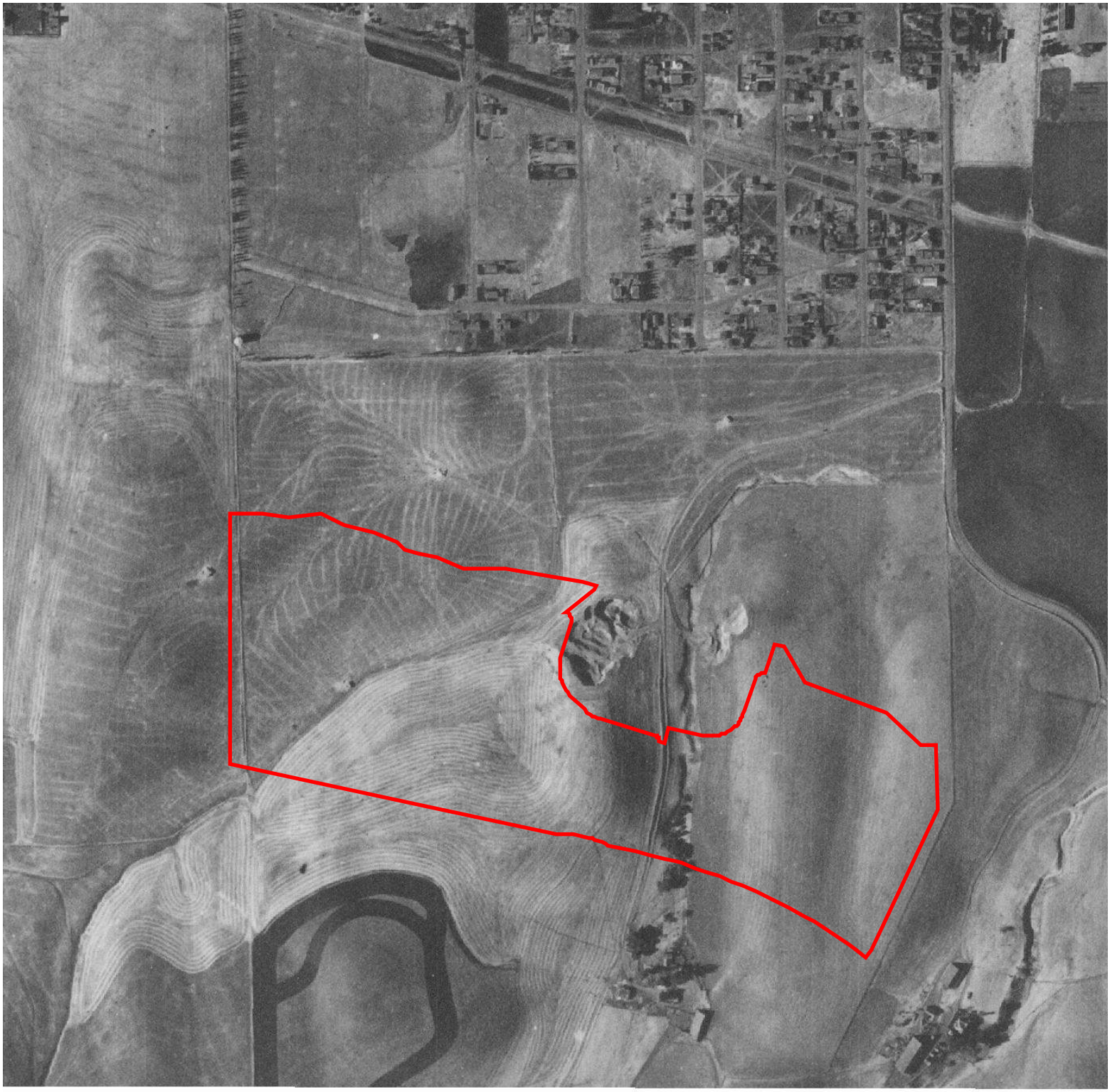
EDR



INQUIRY #: 5098367.9

YEAR: 1937

= 500'

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EDR

APPENDIX F

ENVIRONMENTAL DATA RESOURCES, INC.

City Directory

Alves Ranch
Alves Ranch Rd and W Leland Rd.
Pittsburg, CA 94565

Inquiry Number: 5098367.5
November 08, 2017

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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 Report 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 Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2014	☑	☐	EDR Digital Archive
2010	☑	☐	EDR Digital Archive
2004	☑	☐	Haines Criss-Cross Directory
1999	☑	☐	Haines Criss-Cross Directory
1994	☑	☐	Haines Criss-Cross Directory
1989	☑	☐	Haines Criss-Cross Directory
1985	☑	☐	Haines Criss-Cross Directory
1980	☑	☐	Haines Criss-Cross Directory
1975	☐	☐	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

Alves Ranch Rd and W Leland Rd.
Pittsburg, CA 94565

Year	*CD Image*	*Source*	

ALVES RANCH RD

2014	pg A1	EDR Digital Archive	
2010	pg A3	EDR Digital Archive	
2004	-	Haines Criss-Cross Directory	Street not listed in Source
1999	-	Haines Criss-Cross Directory	Street not listed in Source
1994	-	Haines Criss-Cross Directory	Street not listed in Source
1989	-	Haines Criss-Cross Directory	Street not listed in Source
1985	-	Haines Criss-Cross Directory	Street not listed in Source
1980	-	Haines Criss-Cross Directory	Street not listed in Source
1975	-	Haines Criss-Cross Directory	Street not listed in Source

W LELAND RD

2014	pg A2	EDR Digital Archive	
2010	pg A4	EDR Digital Archive	
2004	pg A5	Haines Criss-Cross Directory	
1999	pg A6	Haines Criss-Cross Directory	
1994	pg A7	Haines Criss-Cross Directory	
1989	pg A8	Haines Criss-Cross Directory	
1985	pg A9	Haines Criss-Cross Directory	
1980	pg A10	Haines Criss-Cross Directory	
1975	-	Haines Criss-Cross Directory	Target and Adjoining not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

ALVES RANCH RD 2014

2701	JACKSON, DWAYNE N
2705	CACHUELA, NOEL C
2709	ESCOTO, EFREN P
2713	SMITH, JOSEPH W
2714	STADE, BARRY P
2717	VONGNAKHONE, VILAYPHONE V
2718	FELGINA, MALANA
2721	HILLARD, LARRY
2722	LAURINO, TRISTAN E
2725	BARILLAS, MARIO C
2729	VALENTINE, FELICIA
2733	JIA, XIAOHONG
2736	VUONG, VINH V
3008	WILLIAMS LYON HOMES SALES

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W LELAND RD 2014

1224	MURRAY, KATHRYN
1321	ELLIOTT HARRY T
	ELLIOTT, HARRY T
1341	MEEKS, MARK E
1700	AECOM GLOBAL II LLC
	METROPOLITAN COF & CONCESSION
1712	DOTTS, JOHN M

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

ALVES RANCH RD 2010

2701	JACKSON, DWAYNE N
2705	CACHUELA, NOEL C
2709	ESCOTO, EFREN P
2713	SMITH, JOSEPH W
2714	OCCUPANT UNKNOWN,
2717	VONGNAKHONE, VILAYPHONE
2718	OCCUPANT UNKNOWN,
2721	MATTHEWS & MATTHEWS INC
	OCCUPANT UNKNOWN,
2722	OCCUPANT UNKNOWN,
2725	BARILLAS, MARIO C
2729	PATEL, GOVIND B
2733	OCCUPANT UNKNOWN,
2736	OCCUPANT UNKNOWN,

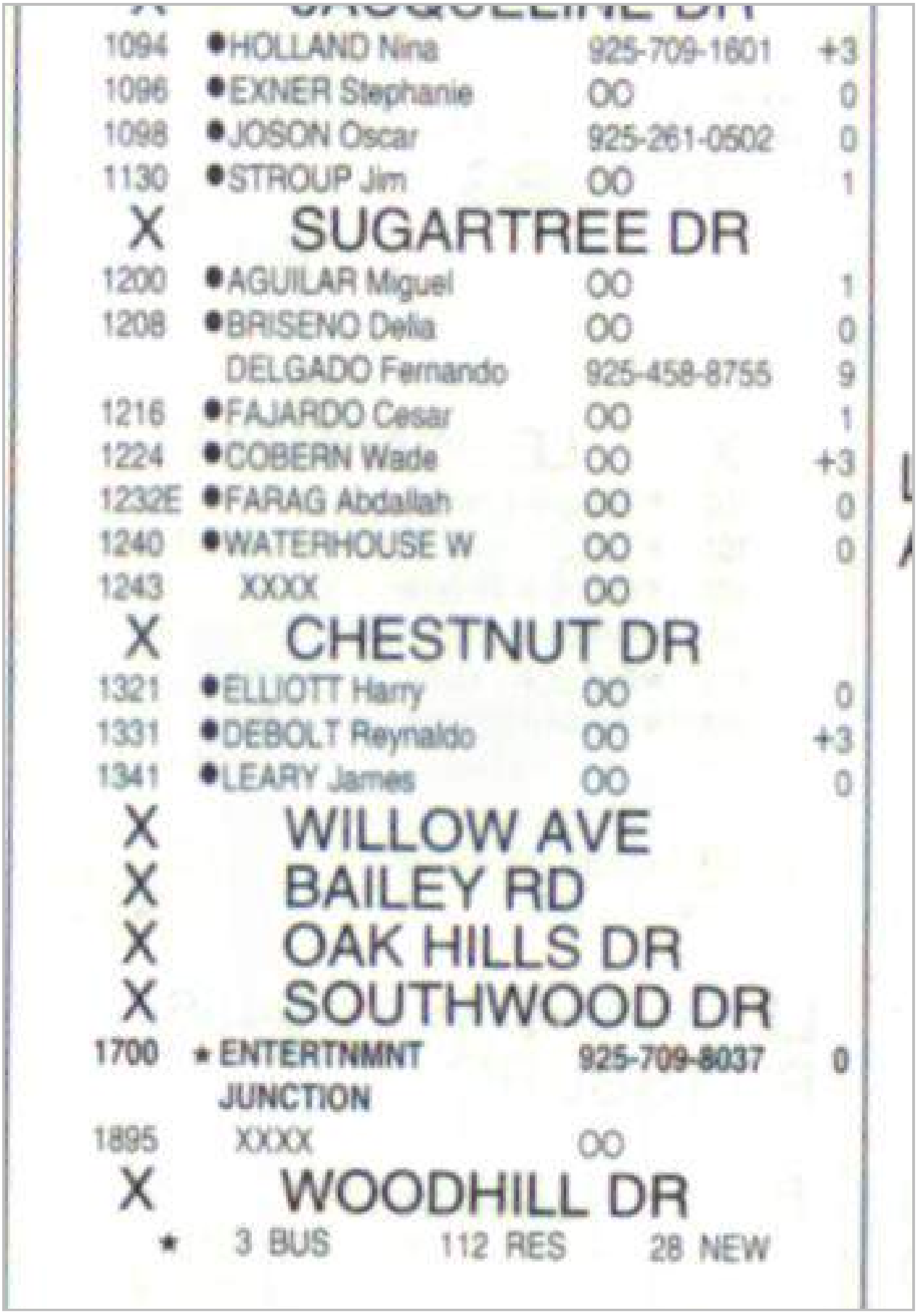
Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W LELAND RD 2010

1224	CONNOLLY, MICHELLE B
1232	FARGA, ABDALLAH M
1321	ELLIOTT HARRY T
	ELLIOTT, HARRY T
1331	VILLANUEVA, OSCAR
1341	MEEKS, MARK E

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

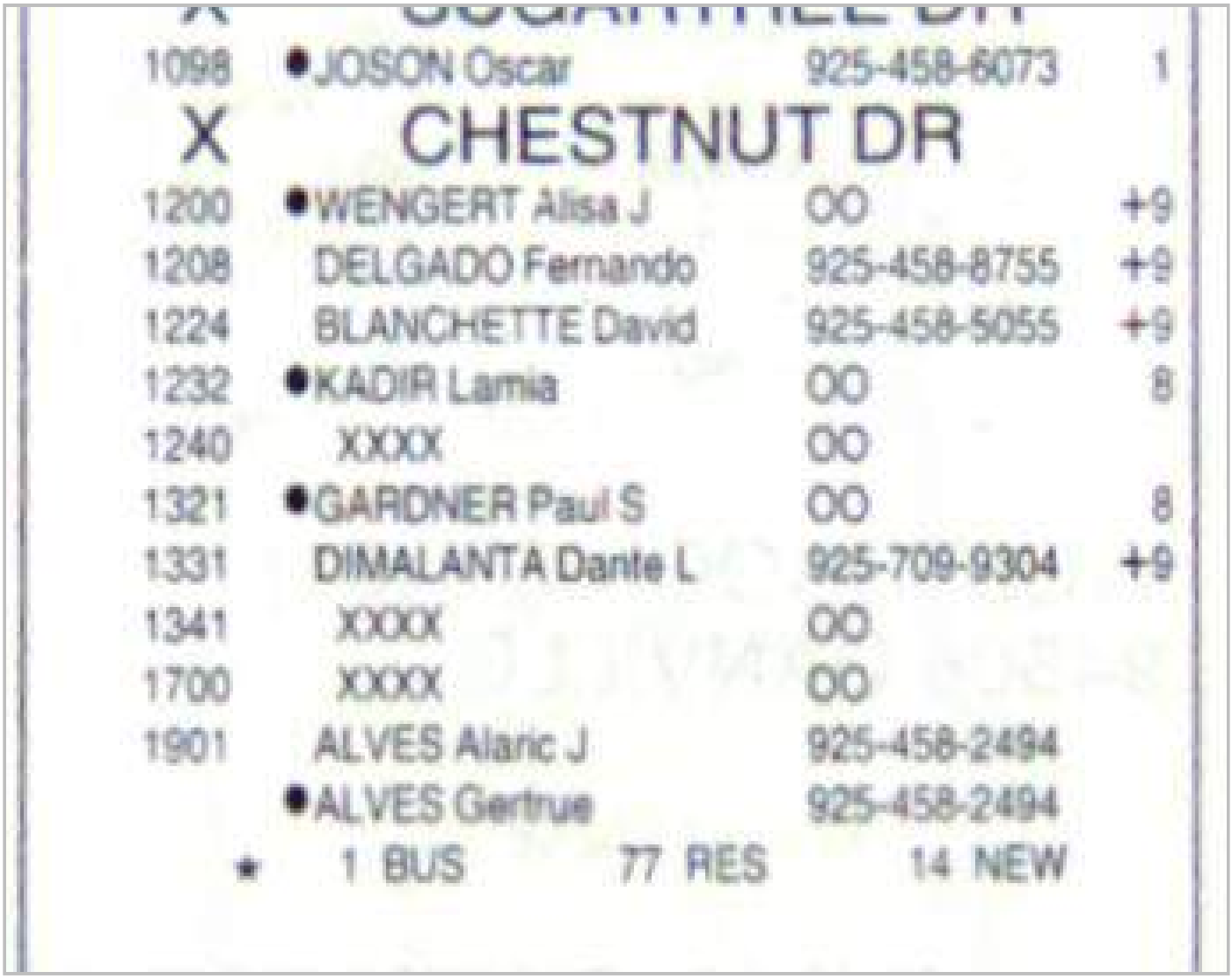
W LELAND RD 2004



1094	●HOLLAND Nina	925-709-1601	+3
1096	●EXNER Stephanie	OO	0
1098	●JOSON Oscar	925-261-0502	0
1130	●STROUP Jim	OO	1
X	SUGARTREE DR		
1200	●AGUILAR Miguel	OO	1
1208	●BRISENO Delia	OO	0
	DELGADO Fernando	925-458-8755	9
1216	●FAJARDO Cesar	OO	1
1224	●COBERN Wade	OO	+3
1232E	●FARAG Abdallah	OO	0
1240	●WATERHOUSE W	OO	0
1243	XXXX	OO	
X	CHESTNUT DR		
1321	●ELLIOTT Harry	OO	0
1331	●DEBOLT Reynaldo	OO	+3
1341	●LEARY James	OO	0
X	WILLOW AVE		
X	BAILEY RD		
X	OAK HILLS DR		
X	SOUTHWOOD DR		
1700	★ ENTERTNMNT JUNCTION	925-709-8037	0
1895	XXXX	OO	
X	WOODHILL DR		
★	3 BUS	112 RES	28 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

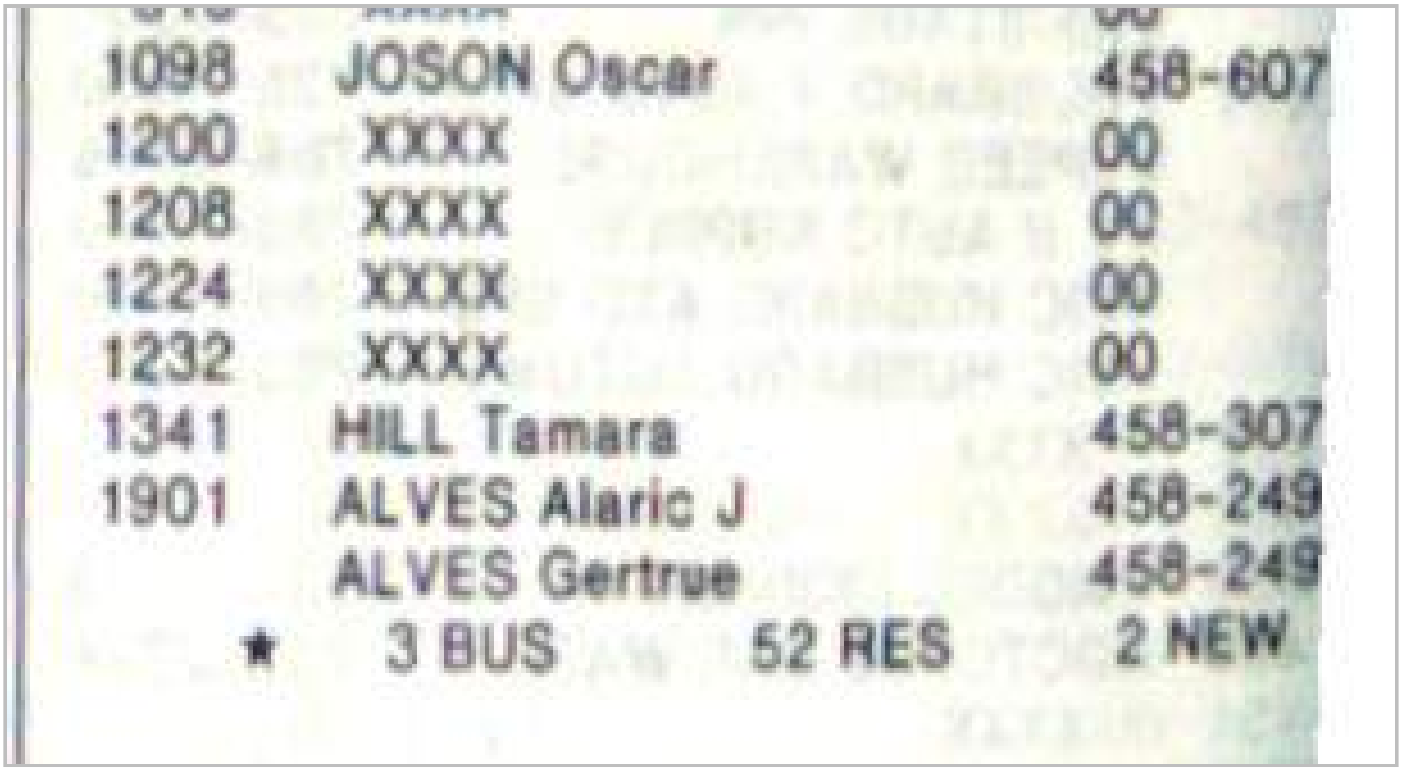
W LELAND RD 1999



1098	●JOSON Oscar	925-458-6073	1
X	CHESTNUT DR		
1200	●WENGERT Alisa J	OO	+9
1208	DELGADO Fernando	925-458-8755	+9
1224	BLANCHETTE David	925-458-5055	+9
1232	●KADIR Lamia	OO	8
1240	XXXX	OO	
1321	●GARDNER Paul S	OO	8
1331	DIMALANTA Dante L	925-709-9304	+9
1341	XXXX	OO	
1700	XXXX	OO	
1901	ALVES Alaric J	925-458-2494	
	●ALVES Gertrue	925-458-2494	
	★ 1 BUS 77 RES 14 NEW		

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

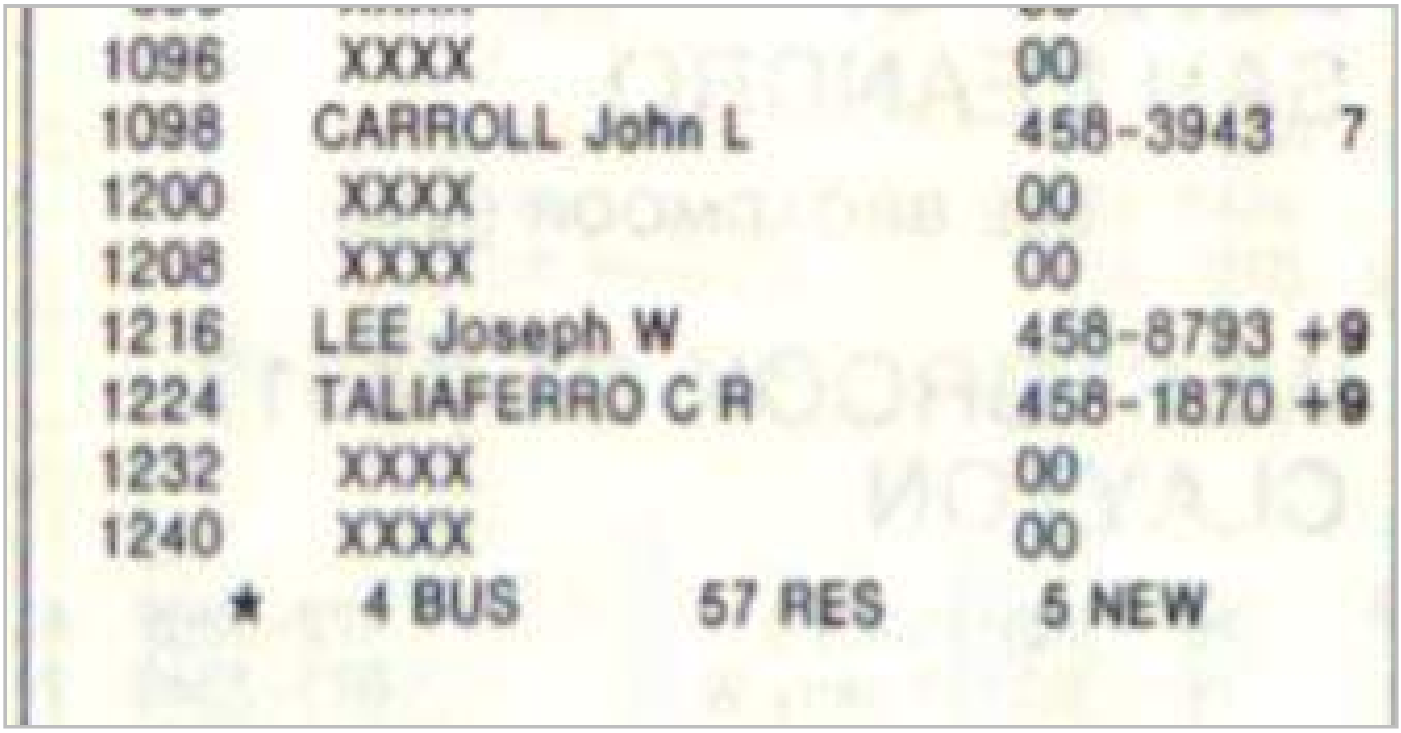
W LELAND RD 1994



1098	JOSON Oscar	458-607
1200	XXXX	00
1208	XXXX	00
1224	XXXX	00
1232	XXXX	00
1341	HILL Tamara	458-307
1901	ALVES Alaric J	458-249
	ALVES Gertrue	458-249
*	3 BUS 52 RES	2 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W LELAND RD 1989

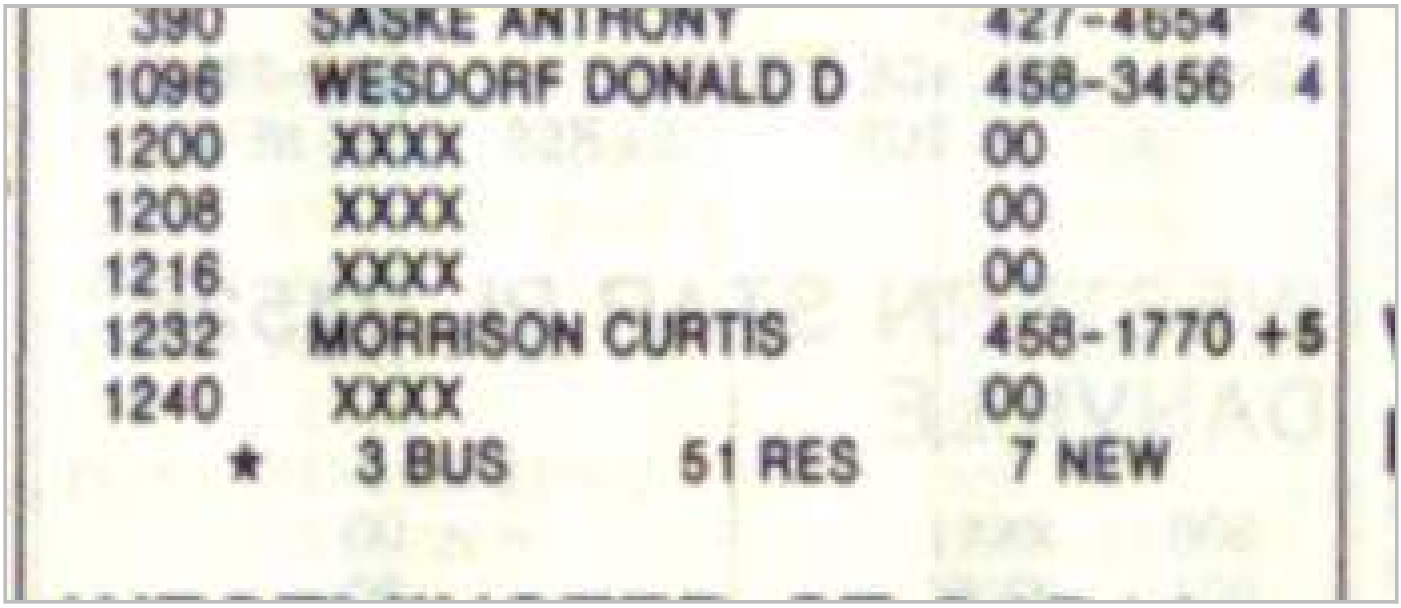


1096	XXXX		00
1098	CARROLL John L	458-3943	7
1200	XXXX		00
1208	XXXX		00
1216	LEE Joseph W	458-8793	+9
1224	TALIAFERRO C R	458-1870	+9
1232	XXXX		00
1240	XXXX		00

* 4 BUS 57 RES 5 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

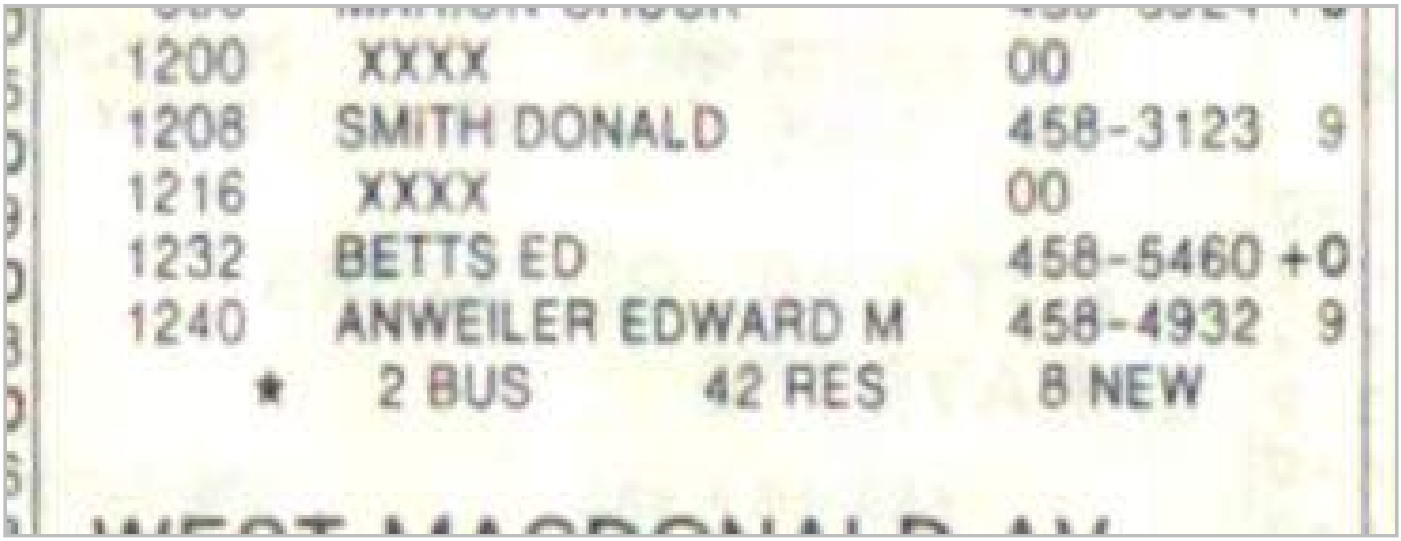
W LELAND RD 1985



390	SASKE ANTHONY	427-4654	4
1096	WESDORF DONALD D	458-3456	4
1200	XXXX	00	
1208	XXXX	00	
1216	XXXX	00	
1232	MORRISON CURTIS	458-1770	+5
1240	XXXX	00	
*	3 BUS 51 RES	7 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W LELAND RD 1980



1200	XXXX	00	
1208	SMITH DONALD	458-3123	9
1216	XXXX	00	
1232	BETTS ED	458-5460	+0
1240	ANWEILER EDWARD M	458-4932	9
*	2 BUS 42 RES	8 NEW	

APPENDIX G

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

JEFFREY ADAMS, PHD, PE
Principal Engineer

EDUCATION

BS, Civil Engineering, University of Illinois at Chicago, 1994

MS, Civil Engineering, University of Illinois at Chicago, 1996

PhD, Civil Engineering, University of Illinois at Chicago, 1999

MBA, Concentration in Real Estate and Finance, University of Washington, 2004

EXPERIENCE

Years with ENGEO: 17

REGISTRATIONS & CERTIFICATIONS

Professional Engineer, CA, 69633

Environmental Manager, NV, 2150

40 Hour HAZWOPER Training, CA, 12100257636

SPECIALIZATIONS

- Environmental & Stormwater Permitting
- Environmental Assessments and Remediation
- Environmental Restoration
- Geologic Hazard Abatement Districts (GHADs)
- Groundwater Modeling
- MS Project

Jeff joined ENGEO in 1999 and is a Principal Engineer directing environmental assessment, characterization, and remediation projects, geotechnical field reconnaissance and explorations, and engineering design and analyses. Jeff has provided financial analyses on real estate development projects as well as project cost-benefit analyses. He also is heavily involved in our Entitlement and Permitting Support services as well as our programs for Geologic Hazard Abatement Districts.

Jeff has performed numerous Phase I and II Environmental Site Assessments and site characterizations, as well as a number of analyses and studies utilizing federal, state, and local directives. He specializes in Brownfield redevelopment projects requiring integrated solutions for the mitigation of geotechnical and environmental hazards. Jeff is experienced in developing financial models, cash flow projections and budgets for a variety of projects requiring innovative financial solutions.

Select Project Experience

Foster City Civic Center—Foster City, CA
Group Leader, Assistant Project Manager. Jeff provided technical oversight for phase one environmental site assessment for the Foster City Civic Center site and environmental characterization operations for the site, which was suspected of having been affected by unauthorized petroleum hydrocarbon releases within the subsurface. Following the completion of a soil gas survey, Jeff and team demonstrated that vapor intrusion mitigation systems were not necessary for proposed development, providing a significant cost savings to the project. The project consists of a multi-use urban infill development.

Alameda Landing—Alameda, CA
Group Leader, Project Manager. Jeff managed the completion of a phase one environmental site assessment for the Alameda Landing site. He also directed recent environmental characterization operations for the site, which was suspected of having been affected by naturally-occurring methane deposits within the subsurface. Working closely with innovative protocols, Jeff was able to demonstrate to regulatory oversight officials that expensive vapor intrusion mitigation systems were not necessary for proposed residential structures, potentially saving millions of dollars to the site developer. The project consists of a multi-phased single-family and multi-family residential housing development.

1000 Howe Road—Martinez, CA
Project Engineer. Jeff provided a phase-one environmental site assessment for the project. In addition, he provided a preliminary geotechnical report for this property that has been used as a trucking company's storage yard. The project is a residential development that consists of single- and multiple-story detached residential units.

Jefferson Street Development—Oakland, CA
Project Manager. Jeff served as Project Manager. He provided comprehensive environmental and geotechnical consultation services for a Brownfields redevelopment project in downtown Oakland. The project included several challenges, including limited site access due to onsite business activities, environmental impact related to previous site use, and the presence of several adjacent mid-rise structures. Jeff developed cost effective remedial value engineering solutions to mitigate the presence of geotechnically and environmentally-constraining subsurface solutions. Jeff worked with the design team to establish cost-effective retaining wall and foundation systems, designed and observed a subsurface environmental mitigation program, and assisted in the design of a structure wide vapor barrier. The project, serving as a cornerstone of the revitalization of downtown Oakland, is an excellent example of Jeff's proficiency in delivering cost effective solutions to facilitate Brownfields redevelopment. The project consists of a multi-story residential condominium structure.

San Ramon Village Plaza—Dublin, CA
Project Manager. Jeff served as Project Engineer. He contributed to an environmental peer review of previous land uses, which included a former dry cleaner. Further investigation identified impact due to former site operations. Jeff assisted in a remediation program, closely collaborating with other consultants representing differed parties of the property transaction. The site was efficiently remediated, allowing for redevelopment. The project consists of a high-density residential development within the 4.68-acre mixed-use San Ramon Village Plaza site. The project consists of a high-density residential development within the 4.68-acre mixed-use San Ramon Village Plaza site.

Los Banos Airport—Los Banos, CA
Project Engineer. Jeff provided a Phase I Environmental Site Assessment and a Conceptual Soil Remediation Work Plan as part of a multi-phase development. In addition to the Phase I Environmental Site Assessment he provided a soil and groundwater characterization program. The Los Banos Airport project measures approximately 112 acres in area.

Questa @ Neighborhood H - Mountain House—Mountain House, CA
Project Manager. Jeff served as project manager. He assisted in the preparation a phase one environmental site assessment in fall 2010. Under Jeff's leadership, the project team was able to effectively navigate through the complex historic records and ownership legacy associated with the property. The report that satisfied the demands and deadline of both the ownership entity and the financial institutions associated with the property. ENGEO performed a phase I environmental site assessment on the finished lots within Questa @ Neighborhood H of the Mountain House project.

Lockheed Martin Storm Water Pond No 4—Sunnyvale, CA
Project Manager. Jeff provided permitting consultation services, including the federal and state permitting required for the maintenance of a stormwater detention system. Jeff has also provided geotechnical and environmental support to evaluate the geotechnical conditions of the site. He also determined the absence of environmentally impacted materials within the site area. The site consists of a stormwater detention basin measuring approximately 4.5 acres in area and located adjacent to sensitive habitat.

DRAFT

SAN RAMON

SAN FRANCISCO

SAN JOSE

OAKLAND

LATHROP

ROCKLIN

SANTA CLARITA

IRVINE

CHRISTCHURCH

WELLINGTON

ENGEO

Expect Excellence

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