APPENDIX A

Notice of Preparation(NOP)

Responses to NOP

NOTICE OF PREPARATION

FOR AN ENVIRONMENTAL IMPACT REPORT

FOR THE COCHRANE-BORELLO RESIDENTIAL DEVELOPMENT PROJECT

PROJECT APPLICANT: SAN SEBASTIAN HOMES

As the Lead Agency, the City of Morgan Hill will prepare an Environmental Impact Report for the above-referenced project and would like your views regarding the scope and content of the environmental information to be discussed in the EIR.

The project location, description and a brief summary of potential environmental effects are attached.

According to State law, the deadline for your response is 30 days after receipt of this notice; however, we would appreciate an earlier response, if possible. Please identify a contact person, and send your response to:

City of Morgan Hill
Department of Planning
Attention: Terry Linder, Senior Planner
17555 Peak Avenue
Morgan Hill, California 95037
(408) 778-6480

Terry Linder

Terry Linder, Senior Planner

Date: Aug. 10, 2011

NOTICE OF PREPARATION
OF AN ENVIRONMENTAL IMPACT REPORT
FOR THE PROPOSED
COCHRANE-BORELLO RESIDENTIAL DEVELOPMENT PROJECT

Morgan Hill, California
August 15, 2011

1.0 INTRODUCTION

The purpose of an Environmental Impact Report (EIR) is to inform decision makers and the general public of the environmental effects of a proposed project. The EIR process is intended to provide public agencies with the environmental information required to evaluate a proposed project, establish methods for reducing adverse environmental impacts, and consider alternatives to a project prior to the approval of the project.

The EIR for the proposed Cochrane-Borello Residential Development Project will be prepared and processed in accordance with the California Environmental Quality Act (CEQA) of 1970, as amended. In accordance with the requirements of CEQA, the EIR will include:

- A summary of the project.
- A project description.
- A description of the existing environmental setting, potential environmental impacts, and mitigation measures.
- Alternatives to the project as proposed.
- Environmental consequences, including: (a) any significant environmental effects which cannot be avoided if the project is implemented; (b) any significant irreversible and irretrievable commitments of resources, (c) the growth-inducing impacts of the proposed project, (d) effects found not to be significant, and (e) cumulative impacts.

2.0 PROJECT LOCATION

The proposed project property is located on the east side of US Highway 101 at Cochrane Road in the City of Morgan Hill. The site is one parcel (Assessor's Parcel Number (APN) 728-34-027) bordered by Cochrane Road, Half Road, and Peet Road. The proposed project property is bordered by single-family residential to the north, south, east and west, and the Anderson Reservoir is located to the northeast of the site. The Santa Clara Valley Water District (SCVWD) pumping station is located on a parcel to the southwest of the site. Figures 1, 2 and 3 show the regional and vicinity maps and an aerial photograph of the land uses surrounding the project site.

3.0 DESCRIPTION OF THE PROJECT

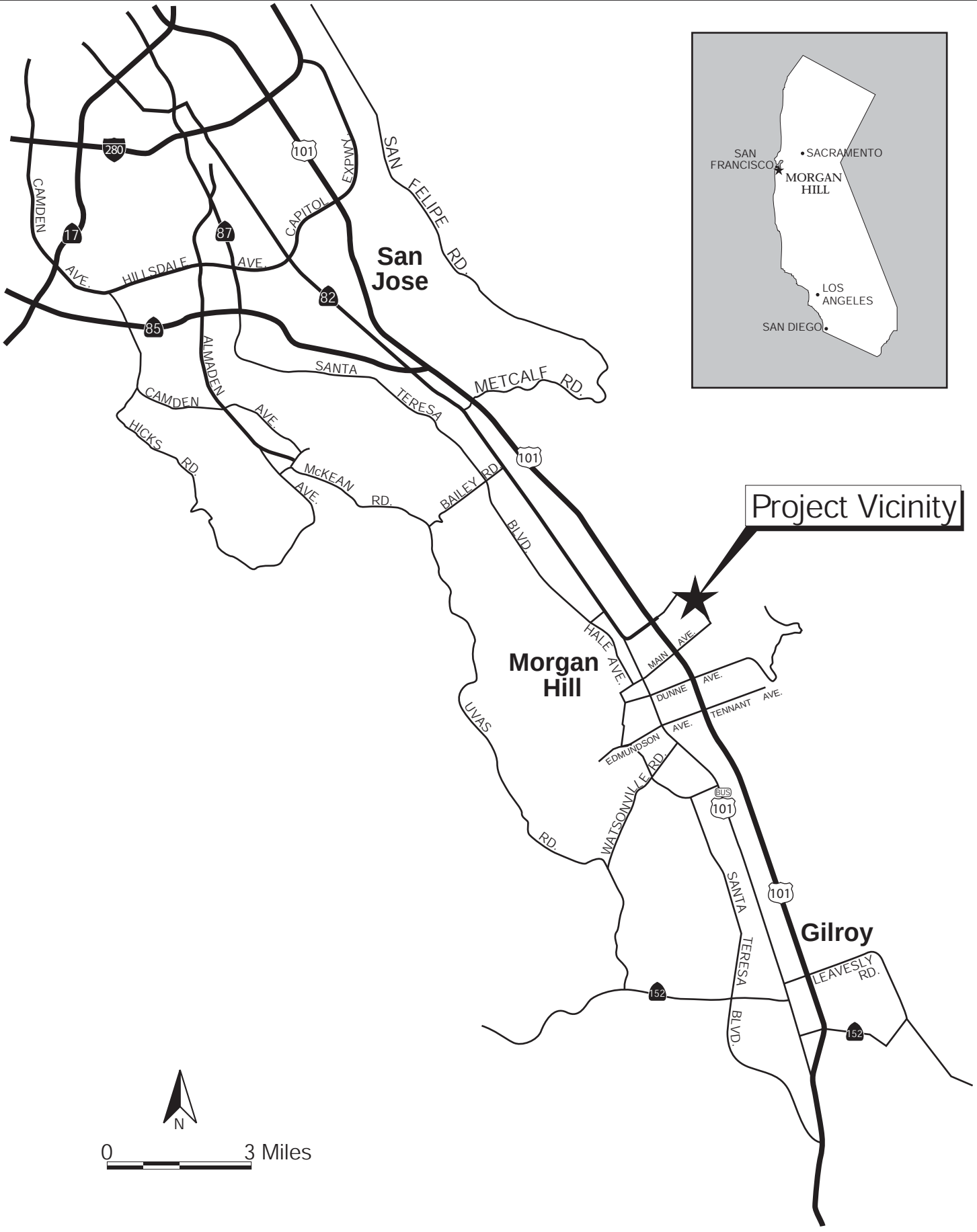
The project site is approximately 122-acres. The site is currently used as a cherry and apricot orchard, for hay/row crops, and for crop drying. There are agricultural-related structures located on the southeastern portion of the site. The proposed project includes removal of the existing orchards and associated uses, and development of a gated residential community

consisting of 244 single-family homes, 180 secondary units, a private recreation center (including community pool, tennis court, basketball court, tot lot, fitness center and outdoor gathering areas), private streets, approximately 23 acres of private open space, private parks, and surrounding landscaping. The proposed lots would range in size from approximately 10,000 square feet to over 30,000 square feet. Some of the lots would only feature an individual single family home, while up to 180 of the lots would feature an accessory dwelling unit (i.e. in-law or cottage) in addition to the private single family dwelling.

There are three zoning designations divided equally within the property. These include: *Residential Estate District (RE-40,000 RPD), Single Family (R1-20,000 RPD),* and *Single Family (R1-12,000 RPD).* The project proposes to rezone the *RE* portion of the property to *Single Family (R1-12,000 RPD)* to allow for an increased density for the site. The project also proposes a *Planned Development (PD)* overlay for the entire site, allowing for flexibility to the existing zoning standards.

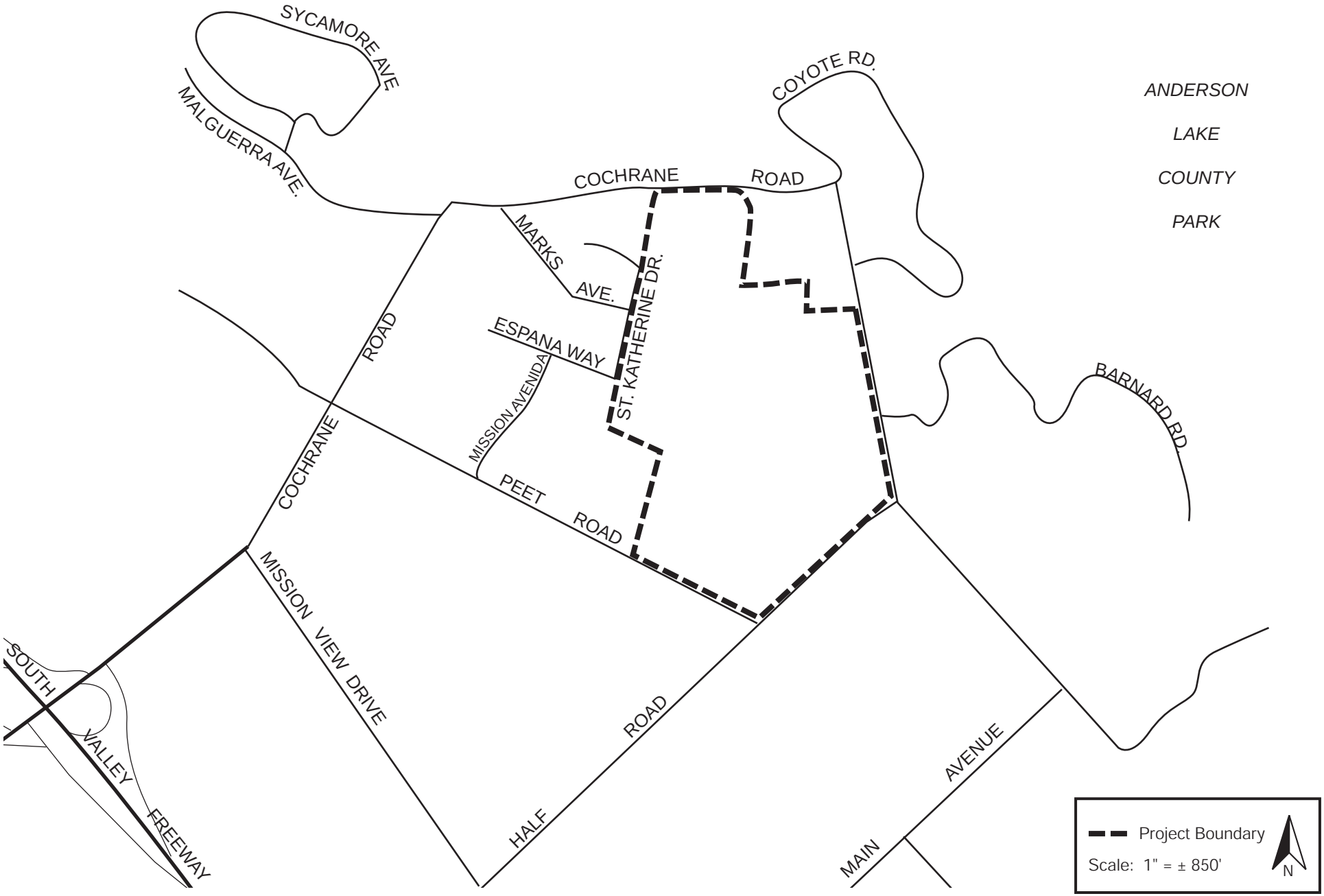
The EIR proposes to cover the following actions:

-Rezoning 40 acres from *RE-4,000 RPD* to *R1-12,000 RPD* and overlay the entire site with a *Planned Development (PD)*
-Tentative Map
-Development Agreement
-Development Permit
-Tree Removal Permit
-Grading Permit



REGIONAL MAP

FIGURE 1



VICINITY MAP

FIGURE 2

AERIAL PHOTOGRAPH

FIGURE 3

3.1 *Description of Uses and Site Development*

The proposed project will be comprised of 244 single-family detached homes in groupings surrounding cul-de-sacs, as well as homes fronting onto private streets. A minimum of 20 percent of the homes will have detached cottage units with kitchens, however, a total of 180 secondary units are currently proposed, exceeding the 20 percent. The proposed project would also include a recreation center (including community pool, tennis court, basketball court, tot lot, fitness center and outdoor gathering areas), private streets, approximately 23 acres of open space, private parks, and surrounding landscaping. The project site has a General Plan designation of *Single Family Low (1-3 D.U./Acre)* and has three different underlying zoning districts divided equally within the property. These include: *Residential Estate District (RE-40,000 RPD), Single Family (R1-20,000 RPD),* and *Single Family (R1-12,000 RPD).* The project proposes to rezone the *RE* portion of the property to *Single Family (R1-12,000 PD)* to allowing for an increased density for the site as a result of reduced minimum lot size area (minimum 20,000 s.f. lots versus minimum 12,000 s.f. lots). The project also proposes a *Planned Development (PD)* overlay for the entire site, allowing for flexibility in the existing zoning standards (i.e. density requirements).

3.2 *Project Phasing*

The proposed project will be built in multiple phases of development. Phase 1 would include a building allotment for 21 residences to be built from 2012-2013. Phases 2, 3, and 4 include an allotment for 39 residences to be developed from 2013-2014. Phase 4 also includes development of six units that have not received allotment, and allotments do not include the secondary units proposed as part of each phase. Construction of Phase 1A is targeted for June 2012. Further phases of the project would continue for 10 to 12 years beyond this time, as allocations become available and market conditions dictate.

Phases 1A and 1B of the proposed project would include development of the southwestern portion of the project site. The Conceptual Site Plan (Figure 4) shows the Phase 1 portion of the proposed project. Phase 1 proposes construction of 21 single-family homes and up to 20 secondary units on approximately 14 acres of the site. Phase 1 includes site access from Cochrane Road, and private streets and driveways to access the proposed homes. Surrounding landscaping would include trees, shrubs, vines, and grassy areas. Street trees would also line the private roadways.

Phase 2 of the proposed project would include development of 15 single-family homes and up to 16 secondary units on approximately eight acres of the project site. Phase 3 would include development of 15 single-family homes and up to 11 secondary dwelling units on approximately seven acres of the project site. Phase 4 would include development of 15 single-family homes and up to 12 secondary dwelling units on approximately seven acres of the project site. The remaining approximately 84 acres would be developed in the subsequent seven to nine years following development of Phases 1, 2, 3, and 4.

3.3 *Demolition of Existing Structures and Grading*

The proposed project site is currently developed with approximately 44 acres of cherry orchards, a 40 acre apricot orchard, an 18 acre dry yard facility, 20 acres of hay/row crop, 30 acres of hay/row crop, one single family home, multiple single wide mobile home trailers, a

migrant farm camp, a farm office building, various outbuildings, and fruit cutting/storage sheds. All orchards and structures on the site will be removed to accommodate the proposed development.

The project site is generally flat to moderately rolling topography sloping east to west on the northeastern portion of the property. Site elevations range from approximately 470 feet in the northeastern corner to 405 feet at the lowest point of the property located near Peet Road. Excavation would occur throughout the entire site for grading and the establishment of building infrastructure, including electric lines, gas lines, sewer and water lines, and communication lines. Cut and fill throughout the site would require less than five feet, and a maximum of 25 feet. Sloping along the border of the site and between adjacent lots would be a maximum of 2:1 (horizontal to vertical). It is estimated that 150,000 to 200,000 cubic yards of earth would be moved from within the project site, and 25,000 cubic yards of earth would be imported from offsite.

Proposed foundations would be reinforced concrete slab on grade with design criteria developed and determined from geotechnical and structural design.

3.4 *Site Access and Public Improvements*

The project proposes two gated entrances to the development. The primary vehicle entrance to the site will be located off of Cochrane Road, and will be included in the first phase of construction. The second gated entrance will be located off of Peet Road. This entry will be constructed during a later phase of development. A central roadway with landscaped median will connect the two gated entrances.

Minor private roadways will extend from the central roadway, providing access to the various residential enclaves, individual residences, community recreational center, parks, and open space throughout the site. Common driveways will be provided for access to residential cul-de-sacs.

Surrounding landscaping improvements will include trees, shrubs, vines, ground cover, and grassy areas. There are two existing oak trees (one located at the central portion of the site and near Cochrane Road) that will be protected and maintained within the proposed development.

A centralized recreation center is proposed as part of project development. The recreation center will include a multi-purpose room, children's multi-purpose room, a lounge area, an office area, bathrooms, outdoor fire pit, outdoor event area, swimming pool, hot tub, tot lot, tennis court, a half basketball court, parking, and surrounding open, grassy areas. The project also proposes pathways throughout the site for pedestrian and bicycle use.

3.5 *Parking/Emergency Access*

The project proposes a total of 1,144 parking spaces for the 244 single family residences and up to 180 accessory units. This amount of parking allows for 4.7 spaces per unit, which exceeds the required ratio of 3.05 spaces per unit. Parking supply will be provided by two or three car garages at each single family residential unit, as well as adjacent driveways. Guest parking spaces will exceed the required 1:4 unit ratio, by providing 272 total guest parking

spaces (approximately 1.1:1 unit ratio). Street parking is provided throughout the site, and 15 guest parking spaces will be provided at the recreation center.

Two emergency access locations will be provided within the project area. Both emergency access points will be located at the northwestern portion of the site. One will be near the intersection of Alicante Drive and St. Katherine Drive, and the second will be at Espana Way and St. Katherine Drive.

3.6 *Public Utility Easements*

There are three Pacific Gas and Electric (PG&E) easements running through the project site. Two of the easements are for high-pressure gas lines, and the third is intended to be abandoned. One of the PG&E easements is 50-feet wide and provides for a 34-inch high-pressure gas line. The easement runs at an angle from the northeastern portion of the site to the northwestern portion of the site, meeting up with the alignment for Alicante Drive. Based on PG&E systems maps there also appears to be a gas service extending from the northern 34-inch gas main to the neighboring Giancola property located northeast of the site, however, it does not appear to be within a recorded easement.

The second PG&E easement is approximately 15-feet wide, containing a 20-inch diameter gas pipeline, and is thought to be abandoned. The easement runs straight from the southeastern portion of the site to the southwestern portion of the site, through the adjacent Santa Clara Valley Water District (SCVWD) jurisdiction. The third PG&E easement accommodates a 34-inch high-pressure gas line. The easement is located at the southern portion of the site, and runs roughly parallel to Peet Road.

A fourth easement, owned by the United States of America, is located at the southern portion of the site, adjacent to Peet Road. The easement accommodates the 96-inch Santa Clara Conduit line (i.e. San Felipe Pipeline Water Project). The easement enters the site at an angle from Peet Road, runs for approximately 300 feet, then jogs at another angle for approximately 575 feet, before terminating into the SCVWD property.

There is one existing well on the property. It will be abandoned as part of the grading operations.

4.0 POTENTIAL ENVIRONMENTAL EFFECTS OF THE PROJECT

The EIR will analyze the environmental impacts of the proposed project. The EIR will analyze the environmental impacts of the specific development proposed by the applicant ("Proposed Development Scenario").

The EIR will address the following environmental issues: agriculture, land use, transportation, air quality/global climate change, noise, visual and aesthetics, biological resources, geology and soils, hydrology and water quality, hazards and hazardous materials, cultural resources, utilities and service systems, energy, availability of public facilities and services, cumulative impacts, alternatives to the project, and growth inducing impacts. A brief discussion of the anticipated environmental impacts is presented below.

Agricultural Resources: The EIR will evaluate the development of the proposed project resulting in the loss of an existing agricultural use property. Project-specific mitigation measures will be identified to reduce significant agricultural impacts, as appropriate.

Biological Resources: The EIR will evaluate the biological resources impacts of the proposed project based on a biological resources assessment. If the site is determined to provide habitat for special status species (i.e. burrowing owl), mitigation measures will be described as standard conditions. Project-specific mitigation measures for other impacts to biological resources will be identified, as appropriate.

Land Use: The EIR will evaluate potential land use conflicts between the proposed land use and the existing land uses in the project area. The EIR will describe any physical environmental impacts related to the project's population and housing impacts. The EIR will also describe the surrounding land uses and any land use compatibility issues related to the proposed residential development. Project-specific mitigation measures will be identified to reduce significant land use impacts, as appropriate.

Cultural Resources: The EIR will describe the potential for prehistoric (Native American) cultural resources to be present on the site and the project's potential to impact those resources. If structures on the site are found to be older than 50 years old, a historic resources survey may be prepared. To evaluate the eligibility of the buildings to be listed locally, statewide, or nationally as historic resources. Project-specific mitigation measures will be identified to reduce significant impacts to cultural resources, as appropriate.

Hazards and Hazardous Materials: Due to the historic use of the project area for agricultural uses, soils may be contaminated with pesticides or heavy metals. The EIR will describe the possibility for the proposed project to result in a hazardous material impact, based on a Phase I Site Assessment and soil sampling, analysis.

The proposed property has a major natural gas transmission line running north-south through the site, as well as a major natural gas transmission line running adjacent to the site in Peet Road. The EIR will also provide a qualitative analysis of potential impacts resulting from the natural gas transmission lines. Project-specific mitigation measures will be identified to reduce significant hazardous materials impacts, as appropriate.

Air Quality/Global Climate Change: The EIR will describe the regional air quality conditions in the San Francisco Bay Area, and will address air quality and greenhouse gas impacts expected to result from the project, in conformance with the criteria identified by the Bay Area Air Quality Management District. Impacts from construction-related activities, such as construction vehicle exhaust and fugitive dust, will also be discussed. The EIR will estimate the traffic to be generated as a result of the project and the potential air quality and greenhouse gas impacts resulting from project-generated traffic. Project-specific mitigation measures necessary to reduce significant air quality impacts will be identified, as appropriate.

Transportation: The traffic analysis prepared for the EIR will compare the trip generation of the proposed project with the trips from the existing uses and will evaluate the potential for the project to result in intersection and freeway level of service impacts. The EIR will analyze the long-term and near-term impacts on the nearby roadways. The adequacy of the

site's proposed access and circulation will also be evaluated. Project-specific mitigation measures will be identified to reduce significant transportation impacts, as appropriate.

Hydrology and Water Quality: The project site is located within the Anderson Dam inundation zone. In addition, a portion of the project site is located within a flood zone. Therefore, there may be flooding and drainage impacts to the proposed residential uses. The EIR will describe the changes in site drainage and hydrological conditions resulting from the project. Project-specific mitigation measures will be identified to reduce significant hydrologic impacts, as appropriate.

Noise: The EIR will discuss the existing noise setting and the noise levels associated with the project and project-generated traffic. Impacts resulting from construction noise will also be addressed. Project-specific mitigation measures will be identified to reduce significant noise impacts, as appropriate.

Visual and Aesthetics: The EIR will describe the existing visual character of the project site area and will address the visual impacts of the project. Project-specific mitigation measures will be identified to reduce significant visual and aesthetic impacts, as appropriate.

Geology and Soils: The EIR will describe the geologic setting and address the impacts associated with developing the site. The suitability of the soils on-site to support the proposed structures will be evaluated. Project-specific mitigation measures will be identified to reduce significant geological impacts, as appropriate.

Utilities and Service Systems: The EIR will describe the existing and future sanitary sewer, storm drain, water, solid waste, and electric services to the project site. Project-specific mitigation measures will be identified to reduce significant impacts to utilities and services systems, as appropriate.

Energy: In conformance with CEQA Guidelines Section 15126.4(c) and Appendix F, the EIR will examine the potential for the proposed project to result in excessive or inefficient use of energy and will discuss the energy conservation measures included in the project. Project-specific mitigation measures will be identified to reduce significant impacts, as appropriate.

Availability of Public Facilities and Services: In conformance with CEQA and relevant case law, the EIR will address the availability of public facilities and service systems to meet demands generated as a result of the proposed land use and zoning change. Impacts will not be identified as environmental unless the project triggers a physical environmental change, such as the need to construct new facilities.

Alternatives to the Project

The EIR will evaluate possible alternatives to the proposed project, based on the results of the environmental analysis. The alternative discussion will focus on those alternatives that could feasibly accomplish most of the basic purposes of the project and could avoid or substantially lessen one or more of the significant environmental impacts of the project (CEQA Guidelines Section 15126.6). Alternatives to the project as proposed, including "No Project" will be

discussed. Other alternatives to be evaluated may include Modified Project Components (e.g., modified site design or reduced density).

Cumulative Impacts

The EIR will include a Cumulative Impacts section which will address the significant cumulative impacts of the project when considered with other past, present and reasonably foreseeable future projects in the area.

Growth Inducing Impacts

The EIR will discuss the ways in which the project could foster economic or population growth, or the construction of additional housing, either directly or indirectly, in the surrounding environment.

Other CEQA Sections

The EIR will include other sections required by CEQA, including Significant Unavoidable Impacts, Significant Irreversible Environmental Changes, Lead Agency and Consultants, and References. Relevant technical reports will be attached as appendices.

Santa Clara Valley Water District SM

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SAN JOSE, CA 95118-3686
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DEVELOPMENT SERVICES
SEP 09 2011
CITY OF MORGAN HILL

File: 25104
Coyote Creek

September 8, 2011

Ms. Terry Linder
Senior Planner
Department of Planning
City of Morgan Hill
17555 Peak Avenue
Morgan Hill, CA 95037

Subject: Notice of Preparation – Cochrane - Borello Residential Development Project

Dear Ms. Linder:

The Santa Clara Valley Water District is a special district with jurisdiction throughout Santa Clara County. The Water District acts as the county's groundwater management agency, principal water resources manager, flood protection agency and is the steward for its watersheds, streams and creeks, and underground aquifers.

We appreciate the opportunity to comment on the scope for the EIR for the Cochrane-Borello Residential Development Project. This letter transmits comments that focus on the areas of interest and expertise of the Water District.

The proposed development is located adjacent to Water District owned property for the Anderson Hydroelectric Facility, Anderson Force Main, Coyote Discharge Line, a corporation yard, as well as the United States Bureau of Reclamation's (Bureau) Coyote Pump Plant which is operated and maintained by the Water District. The Bureau's fee title right-of-way for the Santa Clara Conduit (also operated and maintained by the Water District) traverses the southerly portion of the site. In addition, the Water District has pipelines in Cochrane Road to the east of the project and Half Road to the southeast of the property that deliver untreated water to the Main Avenue Percolation Ponds and the Madrone Channel for percolation into the groundwater basin. These facilities are vital to the water supply infrastructure of the county.

Several lots are proposed to be located adjacent to the Coyote Pump Plant, the corporation yard and the Anderson Hydroelectric Facility. The Water District has concerns regarding potential conflicts with the current operation and use of these facilities and the future residential land use. The normal operation of these facilities includes noises that may disturb adjacent residences. Noises include loud piercing noises generated by draining or filling pipelines (from air release and air and vacuum valves); the discharge of large amounts of water into Coyote Creek; typical noise for the operation of a corporation yard, harmonic reactor noises when the pumps are running, and from electrical transformers on site. The pumps and hydroelectric

generators can operate 24-hours a day for extended periods or they can intermittently switch on and off.

The baseline noise study should be conducted while these pumps are operational since they are part of baseline conditions and may disturb adjacent residential uses. The Water District encourages the design of the development to allow for maximum separation from residential buildings from the Coyote Pump Plant, corporation yard and the Anderson Hydroelectric Facility. Where residential structures are close enough to potentially be disturbed by typical operational noise, the Water District recommends mitigation in the form of structures and materials designed to address noisy environments. These may include sound walls, sound proof windows, minimizing the number of windows facing the Water District's facilities, other similar building techniques, or inclusion of sound screening vegetation along the property line interface.

The pump plant, corporation yard, and hydroelectric plant are more of an industrial use that may not be fully compatible with the proposed residential use. The aesthetics of the facilities also may not be compatible with the proposed use. Water District right-of-way between the pump plant and hydroelectric plant / Coyote Creek outlet contains pipelines connecting the facilities. This right-of-way could potentially be landscaped by the applicant with a path and low growing vegetation. Permanent structures and bushes and trees with extensive root systems would not be permitted as they could interfere with future maintenance of the pipelines.

The proposed development is located near the base of Anderson Dam. The Water District has completed a seismic study of Anderson Dam that shows the material at the base of the dam may liquefy in a 7.25 magnitude earthquake on the nearby Calaveras Fault. The Water District has imposed operating restrictions to prevent the uncontrolled release of water after a major earthquake. Water at the reservoir is being kept at least 25 feet below the spillway and 45 feet below the crest of the dam. A seismic retrofit project has been initiated to fix the dam, although construction activities are not likely to begin for several years. This project will likely result in significant dust, noise, and aesthetic impacts to future residents when the project is undertaken.

If improvements are proposed or required to Cochrane Road or Half Road the EIR should address how the Water District's water pipelines will be protected.

Prior to introducing additional storm drainage from the development into the existing Ranch at Alicante storm drain system, it should be verified that the existing storm drain system can accommodate the drainage and does not compromise the detention system design that was engineered for the Ranch at Alicante. When the Ranch at Alicante was developed, a hydrology study was performed to design an appropriate storm detention facility to address increased runoff. The hydrology study did not include drainage from the proposed development.

A hydrology study should be performed for the development. The study should show the existing watershed areas, as well as the proposed watershed drainage system. Topography of the site appears to show portions of the site drain to Coyote Creek and portions of the site drain to Madrone Channel. In both areas, mitigation should be provided to ensure post-development runoff does not exceed pre-development runoff during a 100 year flood event. For areas draining to Coyote Creek, post-development runoff also should not exceed pre-development

runoff for more frequent flood events. Watershed drainage areas should not change due to the development.

Recently, the developer of Alicante upgraded a raw water turnout from the Coyote Discharge Line to accommodate a water diversion on the subject property and add a new diversion to serve open space areas in Alicante. The discussion on water availability should indicate the future intent of this tumout as it relates to the proposed development. Specifically, the Water District wants to know whether the turnout will still be utilized for the development, what rate of flow will be utilized, what total annual demand is expected, and for what purposes. Once the project site is no longer utilized for agricultural purposes, any water diverted to the land will be charged at the non-agricultural rate, as is charged to Alicante. The existing Permit to Divert Surface Water with the Water District will need to be modified accordingly. Please note, raw water is not available for individual lot use, and may only be allowed for use by a single entity for larger scale water use, such as for open space and park land in control of a homeowner's association, and solely at the Water District's discretion. The use of the turnout does not convey any water rights to the user, the service of the water is interruptible, and the Water District is under no obligation to provide water at any time.

A Water Resources Protection Ordinance encroachment permit must be obtained for all work proposed in Water District fee title right of way, or Bureau right of way. The project description should note the need for this permit, in addition to any easements or property to be requested from the Water District, and the Water District should be listed as a Responsible Agency under CEQA.

Water District staff is available to meet and discuss the above areas of concern. Please provide a copy of the Draft EIR to the Water District for review when it becomes available. Please reference District File Number 25104 on further correspondence regarding this project.
If you have any questions or need further information, you can reach me at (408) 265-2607, extension 3095.

Sincerely,

Michael Martin
Environmental Planner
Community Projects Review Unit

cc: S. Tippets, C. Elias, S. Hosseini, L. Keele, G. Nagaoka, R. Haskins, L. Lee, S. Katric, S. Oblonsky, K. Oven, J. Maher, F. Maitski, Y. Arroyo, File

25104_54453mm09-08

STATE OF CALIFORNIA—BUSINESS, TRANSPORTATION AND HOUSING AGENCY EDMUND G. BROWN, JR., Governor

DEPARTMENT OF TRANSPORTATION
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September 13, 2011

SCL-101/17.82
SCL101889
SCH# 2011082039

Ms. Terry Linder
City of Morgan Hill
17555 Peak Avenue
Morgan Hill, CA 95037

Dear Ms. Linder:

Cochrane-Borello Residential Development Project – Notice of Preparation (NOP)

Thank you for including the California Department of Transportation (Department) in the environmental review process for the above-referenced proposed project. We have reviewed the NOP and have the following comments to offer.

Traffic Impact Study (TIS)

While the City of Morgan Hill (City) conducts its traffic studies in accordance with guidelines which conform to the local Congestion Management Program managed by the Santa Clara County Valley Transportation Authority, the Department's thresholds are primarily concerned with potential impacts to the State Highway System. We encourage the City to coordinate the preparation of this project's TIS with our office to answer any questions you may have and, thereby, assist you in sharpening the focus of your scope of work to address the Department's concerns. Please see the Department's *Guide for the Preparation of Traffic Impact Studies* at the following website for more information:
http://www.dot.ca.gov/hq/traffops/developserv/operationalsystems/reports/tisguide.pdf.

Specifically, a detailed TIS should identify impacts to all affected state facilities with and without the proposed project. The TIS should include, but not be limited to, the following:

1. Information on the project's traffic impacts in terms of trip generation, distribution, and assignment. The assumptions and methodologies used in compiling this information should be addressed.

2. Average Daily Traffic (ADT), AM and PM peak hour volumes on all significantly affected streets and highways, including crossroads and controlling intersections.

3. Schematic illustration of the traffic conditions for: (1) existing, (2) existing plus project, and (3) cumulative for the intersections in the project area.

4. Calculation of cumulative traffic volumes should consider all traffic-generating developments, both existing and future, that would affect the State highway facilities being evaluated.

5. Mitigation measures should consider highway and non-highway improvements and services. Special attention should be given to the development of alternate solutions to circulation problems that do not rely on increased highway construction.

6. All mitigation measures proposed should be fully discussed, including financing, scheduling, implementation responsibilities, and lead agency monitoring.

7. Impacts to transit systems, pedestrians and bicyclists. Please develop and apply pedestrian bicycling and transit performance or quality of service measures and model pedestrian, bicycle and transit trips that your project will generate so that impacts and mitigation can be quantified. In addition, analyze secondary impacts on pedestrians and bicyclists that may result from any traffic impact mitigation measures. Describe any pedestrian and bicycle mitigation measures and safety countermeasures that would therefore be needed as a means of maintaining and improving access to transit facilities and reducing vehicle trips and traffic impacts on state highways.

We look forward to reviewing the TIS, ***including*** Technical Appendices and the environmental document for this project. Please send two copies to:

Brian Brandert
Office of Transit and Community Planning
Department of Transportation, District 4
P.O. Box 23660
Oakland, CA 94623-0660

Transportation Permit

Project work that requires movement of oversized or excessive load vehicles on State roadways, such as U.S. Route 101, requires a transportation permit issued by the Department. To apply, a completed transportation permit application with the determined specific route(s) for the shipper to follow from origin to destination must be submitted to the address below.

Office of Transportation Permits
California DOT Headquarters
P.O. Box 942874
Sacramento, CA 94274-0001

Further information is available on the following website:
http://www.dot.ca.gov/hq/traffops/developserv/permits/applications/index.html.

Encroachment Permit

Work that encroaches onto the State right-of-way (ROW) requires an encroachment permit that is issued by the Department. To apply, a completed encroachment permit application, environmental documentation, and five (5) sets of plans clearly indicating State ROW must be submitted to the address below. Traffic-related mitigation measures should be incorporated into the construction plans during the encroachment permit process.

Office of Permits
California DOT, District 4
P.O. Box 23660
Oakland, CA 94623-0660

Further information is available on the following website:
http://www.dot.ca.gov/hq/traffops/developserv/permits.

Please feel free to contact Brian Brandert at (510) 286-5505, if you have any questions regarding this letter.

Sincerely,

GARY ARNOLD
District Branch Chief
Local Development-Intergovernmental Review

c: Scott Morgan (State Clearinghouse)

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DEVELOPMENT SERVICES
SEP 01 2011
CITY OF MORGAN HILL

August 30, 2011

Terry Linder
City of Morgan Hill
17555 Peak Avenue
Morgan Hill, CA 95037

RE: SCH# 2011082039 Cochrane-Borello Residential Development Project; Santa Clara County.

Dear Mr. Linder:

The Native American Heritage Commission (NAHC) has reviewed the Notice of Preparation (NOP) referenced above. The California Environmental Quality Act (CEQA) states that any project that causes a substantial adverse change in the significance of an historical resource, which includes archeological resources, is a significant effect requiring the preparation of an EIR (CEQA Guidelines 15064(b)). To comply with this provision the lead agency is required to assess whether the project will have an adverse impact on historical resources within the area of project effect (APE), and if so to mitigate that effect. To adequately assess and mitigate project-related impacts to archaeological resources, the NAHC recommends the following actions:

- ✓ Contact the appropriate regional archaeological Information Center for a record search. The record search will determine:
  - If a part or all of the area of project effect (APE) has been previously surveyed for cultural resources.
  - If any known cultural resources have already been recorded on or adjacent to the APE.
  - If the probability is low, moderate, or high that cultural resources are located in the APE.
  - If a survey is required to determine whether previously unrecorded cultural resources are present.
- ✓ 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.
  - The final report containing site forms, site significance, and mitigation measurers 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.
  - The final written report should be submitted within 3 months after work has been completed to the appropriate regional archaeological Information Center.
- ✓ Contact the Native American Heritage Commission for:
  - A Sacred Lands File Check. . **USGS 7.5 minute quadrangle name, township, range and section required.**
  - A list of appropriate Native American contacts for consultation concerning the project site and to assist in the mitigation measures. **Native American Contacts List attached.**
- ✓ Lack of surface evidence of archeological resources does not preclude their subsurface existence.
  - Lead agencies should include in their mitigation plan provisions for the identification and evaluation of accidentally discovered archeological resources, per California Environmental Quality Act (CEQA) §15064.5(f). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American, with knowledge in cultural resources, should monitor all ground-disturbing activities.
  - Lead agencies should include in their mitigation plan provisions for the disposition of recovered artifacts, in consultation with culturally affiliated Native Americans.
  - Lead agencies should include provisions for discovery of Native American human remains in their mitigation plan. Health and Safety Code §7050.5, CEQA §15064.5(e), and Public Resources Code §5097.98 mandates the process to be followed in the event of an accidental discovery of any human remains in a location other than a dedicated cemetery.

Sincerely,
Katy Sanchez
Katy Sanchez
Program Analyst
(916) 653-4040

cc: State Clearinghouse

Native American Contact List
Santa Clara County
August 30, 2011

Indian Canyon Mutsun Band of Costanoan
Ann Marie Sayers, Chairperson
P.O. Box 28
Hollister , CA 95024
ams@indiancanyon.org
831-637-4238
Ohlone/Costanoan

Amah MutsunTribal Band
Valentin Lopez, Chairperson
PO Box 5272
Galt , CA 95632
vlopez@amahmutsun.org
(916) 481-5785
Ohlone/Costanoan

Jakki Kehl
720 North 2nd Street
Patterson , CA 95363
jakki@bigvalley.net
(209) 892-1060
Ohlone/Costanoan

Amah/MutsunTribal Band
Irene Zwierlein, Chairperson
789 Canada Road
Woodside , CA 94062
amah_mutsun@yahoo.com
(650) 851-7747 - Home
(650) 851-7489 - Fax
Ohlone/Costanoan

Katherine Erolinda Perez
PO Box 717
Linden , CA 95236
canutes@verizon.net
(209) 887-3415
Ohlone/Costanoan
Northern Valley Yokuts
Bay Miwok

Amah MutsunTribal Band
Edward Ketchum
35867 Yosemite Ave
Davis , CA 95616
aerieways@aol.com
Ohlone/Costanoan
Northern Valley Yokuts

Trina Marine Ruano Family
Ramona Garibay, Representative
30940 Watkins Street
Union City , CA 94587
soaprootmo@msn.com
510-972-0645-home
209-688-4753-cell
Ohlone/Costanoan
Bay Miwok
Plains Miwok
Patwin

Amah/Mutsun Tribal Band
Joseph Mondragon, Tribal Administrator
882 Bay view Avenue
Pacific Grove, CA 94062
831-372-9015
831-372-7078 - fax
Ohlone/Costanoan

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed SCH# 2011082039 Cochrane-Borello Residential Development Project; Santa Clara County.

Native American Contact List
Santa Clara County
August 30, 2011

Amah/Mutsun Tribal Band
Melvin Ketchum III, Environmental Coordinator
7273 Rosanna Street
Gilroy , CA 95020
408-842-3220
Ohlone/Costanoan

Linda G. Yamane
1585 Mira Mar Ave
Seaside , CA 93955
rumsien123@yahoo.com
831-394-5915
Ohlone/Costanaon

Muwekma Ohlone Indian Tribe of the SF Bay Area
Rosemary Cambra, Chairperson
2574 Seaboard Avenue
San Jose , CA 95131
muwekma@muwekma.org
408-205-9714
510-581-5194
Ohlone / Costanoan

Amah/MutsunTribal Band
Jean-Marie Feyling
19350 Hunter Court
Redding , CA 96003
jmfgmc@sbcglobal.net
530-243-1633
Ohlone/Costanoan

The Ohlone Indian Tribe
Andrew Galvan
PO Box 3152
Fremont , CA 94539
chochenyo@AOL.com
(510) 882-0527 - Cell
(510) 687-9393 - Fax
Ohlone/Costanoan
Bay Miwok
Plains Miwok
Patwin

This list is current only as of the date of this document.

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This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed SCH# 2011082039 Cochrane-Borello Residential Development Project; Santa Clara County.

3 pages

Pacific Gas and Electric Company®

Alfred Poon

9.29.11

TO: Terry Linder

Ref. Letter

Hi Terry,

Per our phone conversation, Attached please find the modified letter.

Please disregard the previous one sent on 9/7/11.

Thanks,

Alfred Poon
(408) 282 7544

September 7, 2011

City of Morgan Hill
Department of Planning
17555 Peak Avenue
Morgan Hill, CA 95037
Attn: Terry Linder

RE: Review of Notice of Preparation (NOP) of Environmental Impact Report (EIR)
Project: San Sebastian Homes
East of Hwy 101 at Cochrane Rd., Morgan Hill
APN: 728-34-027

Dear Ms. Linder,

Thank you for the opportunity to comment on the Notice of Preparation of the Environmental Impact Report (EIR) for the above project. PG&E has the following comments to offer:

PG&E owns and operates gas and electric facilities located within the project area. To promote the safe and reliable maintenance and operation of utility facilities, the California Public Utilities Commission (CPUC) has mandated specific clearance requirements between utility facilities and surrounding objects or construction activities. To ensure compliance with these standards, project proponents should coordinate with PG&E early in the development of their project plans. Any proposed development plans should provide for unrestricted utility access, and prevent easement encroachments that might impair the safe and reliable maintenance and operation of PG&E's facilities.

PG&E owns and operates three gas transmission lines running into the subject parcel, namely:

1. One 34" gas transmission line running along Peet Road, then turns northeasterly at the south of San Carlos Pl., entering into the subject parcel.
2. One 34" gas transmission line running along west of Alicante Drive southeasterly, crossing the subject parcel, then exits the parcel at Half Road.
3. One 20" gas transmission line which is currently idle.

Developers will be responsible for the costs associated with the relocation of existing PG&E distribution facilities to accommodate their proposed development. Because facilities relocations require long lead times and are not always feasible, developers should be encouraged to consult with PG&E as early in their planning stages as possible.

Pacific Gas and Electric Company®

Land and Environmental Management 111 Almaden Blvd., Rm. 814
San Jose, CA 95113

Relocations of PG&E's electric transmission and substation facilities (50,000 volts and above) may also require formal approval from the California Public Utilities Commission. If required, this approval process may take up to two years to complete. Proponents with development plans that may affect such electric transmission facilities should be referred to PG&E for additional information and assistance in the development of their project schedules.

Please note that continued development consistent with your project will have a cumulative impact on PG&E's gas and electric systems and may require on-site and off-site additions to the facilities that supply these services. Because utility facilities are operated as an integrated system, the presence of an existing gas or electric transmission or distribution facility does not necessarily mean the facility has capacity to connect new loads.

We recommend that environmental documents for proposed development projects include adequate evaluation of cumulative impacts to utility systems, the utility facilities needed to serve those developments, and any potential environmental issues associated with extending utility service to the proposed project. This will assure the project's compliance with CEQA and reduce potential delays to the project schedule.

The California Constitution vests in the California Public Utilities Commission (CPUC) exclusive power and sole authority with respect to the regulation of privately owned or investor owned public utilities such as PG&E. This exclusive power extends to all aspects of the location, design, construction, maintenance and operation of public utility facilities. Nevertheless, the CPUC has provisions for regulated utilities to work closely with local governments and give due consideration to their concerns. PG&E must balance our commitment to provide due consideration to local concerns with our obligation to provide the public with a safe, reliable, cost-effective energy supply in compliance with the rules and tariffs of the CPUC.

PG&E remains committed to working with the City to provide timely, reliable and cost effective gas and electric service to Morgan Hill area. Please contact Alfred Poon at (408) 282-7544 if you have any questions regarding our comments. We would also request that we be copied on future correspondence regarding this subject as this project develops and that we be placed on the list to review the Final Environmental Impacts Report (FEIR).

Should you require any additional information or have any questions, please call me at (408) 282-7544. For relocations or requests regarding the gas transmission lines, please contact Ted Quach at 408-282-7534.

Sincerely,

Alfred Poon

Alfred Poon
Land Rights Services
South Coast Area

Hello,
I sent the wrong letter earlier, it was a scanned copy if you received it could you replace it with this original letter. Thank you

Monica Cervantes
91632 4-9636 cell

Consider the environment before printing this email.
MY HOME. MY EARTH.®

DEPARTMENT OF CONSERVATION

Managing California's Working Lands

DIVISION OF LAND RESOURCE PROTECTION

801 K STREET • MS 18-01 • SACRAMENTO, CALIFORNIA 95814

PHONE 916 / 324-0850 • **FAX** 916 / 327-3430 • **TDD** 916 / 324-2555 • **WEBSITE** conservation.ca.gov

DEVELOPMENT SERVICES
SEP 19 2011
CITY OF MORGAN HILL

September 12, 2011

VIA FACSIMILE (408) 779-7236
Ms. Terry Linder, Senior Planner
City of Morgan Hill, Planning Department
17555 Peak Ave
Morgan Hill, CA 95037

Subject: Notice of Preparation for the Cochrane-Borello Residential Development Project - SCH# 2011082039

Dear Ms. Linder:

The Department of Conservation's (Department) Division of Land Resource Protection (Division) has reviewed the Notice of Preparation for the Cochrane-Borello Residential Development Project. The Division monitors farmland conversion on a statewide basis and administers the California Land Conservation (Williamson) Act and other agricultural land conservation programs. We offer the following comments and recommendations with respect to the proposed project's potential impacts on agricultural land and resources.

Project Description:

The proposed project includes removal of existing orchards and associated agricultural uses for the development of a gated community consisting of 244 residences, with up to 180 secondary residences, a private recreation center, 23 acres of open space, parks, and landscaping. The residential lots would range in size from 10,000 to 30,000 square feet.

Per the Santa Clara 2008 Important Farmland Maps, prepared by the Department of Conservation, Farmland Mapping and Monitoring Program, the site appears to be designated Prime Farmland and Other Land.

Division Comments:

Therefore, the Division recommends that the DEIR address the following items to provide a comprehensive discussion of potential impacts of the project on agricultural land and activities:

Agricultural Setting of the Project

- Location and extent of Prime Farmland in and adjacent to the project area.
- Current and past agricultural use of the project area. Please include data on the types of crops grown.

Project Impacts on Agricultural Land

The Department's data on land use conversion[1] shows that Santa Clara County lost a total of 22,805 acres of Important Farmland from 1984 to 2010, with an annual average loss of 877 acres per year. This cumulative loss represents a significant and permanent impact to the agricultural resources of the County and the State, and shows why the remaining agricultural resources in the County should be protected whenever feasible. In 2009, approximately $260,139,000 in farm sales was generated in Santa Clara County[2]. That value demonstrates the significance of agriculture to the economy of Solano County. The City of Morgan Hill has important farmland spread throughout different sections of the City. Any loss of this agricultural land should be avoided or mitigated whenever possible.

When determining the agricultural value of the land, it is important to recognize that the value of a property may have been reduced over the years due to inactivity, but it does not mean that there is no longer any agricultural value. The *inability* to farm the land for agriculture, rather than the choice not to do so, is what could constitute a reduced agricultural value. The Division recommends the following discussion under the Agricultural Resources section of the Draft EIR:

- Type, amount, and location of farmland conversion resulting directly and indirectly from project implementation and growth inducement, respectively.
- Impacts on current and future agricultural operations; e.g., land-use conflicts, increases in land values and taxes, etc.
- Incremental project impacts leading to cumulative impacts on agricultural land. This would include impacts from the proposed project, as well as impacts from past, current, and likely projects in the future.

Under California Code of Regulations Section 15064.7, impacts on agricultural resources may also be both quantified and qualified by use of established thresholds of significance. As such, the Division has developed a California version of the USDA Land Evaluation and Site Assessment (LESA) Model. The California LESA model is a semi-quantitative rating system for establishing the environmental significance of project-specific impacts on farmland. The model may also be used to rate the relative value of alternative project sites. The LESA Model is available on the Division's website at:

http://www.consrv.ca.gov/DLRP/qh_lesa.htm

Mitigation Measures

CEQA is the State's main policy tool for agricultural land preservation. If a project is deemed significant, lead agencies are required to adopt feasible mitigation measures to avoid or substantially lessen them. The loss of agricultural land represents a permanent reduction in the

[1] Department of Conservation. "Important Farmland Data Availability. Land Use Conversion Table" http://redirect.conservation.ca.gov/dlrp/fmmp/county_info_results.asp
[2] California Agricultural Resource Directory 2010-2011 http://www.cdfa.ca.gov/statistics/PDFs/ResourceDirectory_2010-2011.pdf

State's agricultural land resources. As such, the Department adamantly advises the use of permanent agricultural conservation easements on land of at least equal quality and size as compensation for the direct loss of agricultural land. Conservation easements are an available mitigation tool and considered a standard practice in many areas of the State.

Conservation easements will protect a portion of those remaining land resources and lessen project impacts in accordance with CEQA Guideline §15370. The Department highlights this measure because of its acceptance and use by lead agencies as an appropriate mitigation measure under CEQA and because it follows an established rationale similar to that of wildlife habitat mitigation.

Although direct conversion of agricultural land is often an unavoidable impact under California Environmental Quality Act (CEQA) analysis, mitigation measures must be considered. In some cases, the argument is made that mitigation cannot reduce impacts to below the level of significance because agricultural land will still be converted by the project, and, therefore, mitigation is not required. However, reduction to a level below significance is not a criterion for mitigation under CEQA. Rather, the criterion is feasible mitigation that lessens a project's impacts. Even partial compensation can be accomplished for most projects.

A Statement of Overriding Considerations is not a substitute for the requirement to prepare findings (CEQA Guidelines §15091). CEQA states that the Lead Agency shall describe the specific reasons for rejecting identified mitigation measures. Therefore, all mitigation measures allegedly feasible should be included in the DEIR. A measure brought to the attention of the Lead Agency should not be left out unless it is infeasible based on its elements. It is a failure to ignore feasible mitigation measures, which can lessen a project's impacts. Because agricultural conservation easements are an available mitigation tool they should always be considered.

Mitigation via agricultural conservation easements can be implemented by at least two alternative approaches: the outright purchase of easements or the donation of mitigation fees to a local, regional, or statewide organization or agency whose purpose includes the acquisition and stewardship of agricultural conservation easements. The conversion of agricultural land should be deemed an impact of at least regional significance. Hence, the search for replacement lands should not be limited strictly to lands within the project's surrounding area.

One source that has proven helpful for regional and statewide agricultural mitigation banks is the California Council of Land Trusts, which can be found at:

http://www.calandtrusts.org

The California Council of Land Trusts deals with all types of mitigation banks. It is suggested that the County contact them to get an understanding of the fees associated with mitigation banking and the options available.

Another source is the Division's California Farmland Conservancy Program (CFCP), which has participated in bringing about conservation easements throughout the State of California involving Land Trust Alliance, the California Council of Land Trusts, and the American Farmland Trust. If the County were not able to make arrangements for easement mitigation through one

of these or many other land trusts operating in California, the Department would be glad to help. Of course, the use of conservation easements is only one form of mitigation that should be considered. Any other feasible mitigation measures should also be considered.

Thank you for giving us the opportunity to comment on the Notice of Preparation for the Cochrane-Borello Residential Development Project. Please provide this Department with the date of any hearings for this particular action, and any staff reports pertaining to it. If you have questions regarding our comments, or require technical assistance or information on agricultural land conservation, please contact Meri Meraz, Environmental Planner, at 801 K Street, MS 18-01, Sacramento, California 95814, or by phone at (916) 445-9411.

Sincerely,

John M. Lowrie
Program Manager
Williamson Act Program

cc: State Clearinghouse

COMMITTEE FOR
GREEN FOOTHILLS

September 12, 2011

City of Morgan Hill
Planning Division/Development Services Center
17575 Peak Avenue
Morgan Hill, CA 95037-4128
Attn: Terry Linder, Senior Planner

Re: Notice of Preparation of a Draft Environmental Impact Report for the City of Morgan Hill for the Cochrane-Borello Residential Development Project

Dear Ms. Linder,

Thank you for the opportunity to comment on the scope and content of the Environmental Impact Report (EIR) to be prepared for the above-referenced project.

As proposed, this project would develop a gated residential community of 244 single-family homes with the potential for 180 secondary units on an approximately 122 acre site. The project also proposes to rezone the *Residential Estate District* (RE-40,000 RPD) portion of the property to the higher density designation *Single Family* (R1-12,000 RPD) and put a *Planned Development* overlay for the entire site.

On behalf of Committee for Green Foothills (CGF), I am submitting the following comments:

Discrepancies in Notice of Preparation (NOP)
In section 3.0 *Description of the Project*, the total area of the Project is given as approximately 122 acres. However, in section 3.3 *Demolition of Existing Structures and Grading* the total acres for current agricultural uses listed for the site amount to 152 (44 acres of cherry orchards, a 40 acres apricot orchard, an 18 acre dry yard facility, 20 acres of hay/row crop, 30 acres of hay/row crop).

In section 3.2 Project Phasing, reference is made to Figure 4 the Conceptual Site Plan. This Figure was not included with the hard copy of the NOP. Given the substantive nature of the errors, the NOP should be re-circulated.

Project Description
The EIR must consider the negative environmental impacts of the Development Agreement as this type of agreement provides the project applicant/developer protection against regulatory changes. This restricts the City from imposing subsequent zoning changes that would be more beneficial for the environment and community.

Agricultural Resources
Should the City of Morgan Hill not yet adopt an Agricultural Mitigation and Preservation Program at the time this EIR is completed for final approval, comparable mitigation policies in the broader Bay Area including ones that have a greater than 1:1 ratio should serve as guides in ascertaining reasonable mitigation measure for the loss of farmland.

COMMITTEE FOR
GREEN FOOTHILLS
3921 E. BAYSHORE ROAD
PALO ALTO, CA 94303
650.968.7243 PHONE
650.968.8431 FAX
INFO@GREENFOOTHILLS.ORG
WWW.GREENFOOTHILLS.ORG

Air Quality and Greenhouse Gas Emissions
The NOP states that the EIR will address air quality and greenhouse gas (GHG) associated impacts including traffic generated impacts expected to result from the Project. To the extent which the project adds to waiting times due to Level of Service decreases, those air quality and GHG impacts should also be considered.

The EIR also needs to analyze how the Project will impact the City's environmental goals set out in its Environmental Agenda of September 2007 (revised April 2011). The City's Department of Environmental Programs developed an annual report on a series of Environmental Indicators that the City uses to monitor progress in reaching its environmental goals set out in the Agenda. Air quality and greenhouse gas indicators offered mixed results, but overall the "community's greenhouse gas emissions continue to rise" and there is an upward trend in ozone and PM 2.5 concentrations exceeding the California Ambient Air Quality Standards at the San Martin air quality station. The analysis should take into account whether the Project brings the City closer or farther in compliance with AB32 goals.

Given the limits to residential development (RDCS) in Morgan Hill, the NOP should compare impacts from the Project to a typical development in the city including but not limited to open space, farmland, and air quality and GHG.

Alternatives to Project
Although the Project proposes to rezone the RE-40,000 RPD portion of the property to the higher density designation R1-12,000 RPD, the final result will still amount to an overall average of 2 houses per acre, pursuant to the General Plan designation of *Single Family Low* (1-3 D.U./acre). This Project is automobile centric as the proposed number of parking spaces attests. Furthermore, it is unclear whether any of the proposed open space will have any habitat or agricultural value that the present conditions provide. A reduced scale project having the same amount of residences with half the land permanently preserved as open space with natural or agricultural easements should be considered as an environmentally preferable alternative. An equally preferable alternative that should be analyzed is one with at least greater density than that currently proposed.

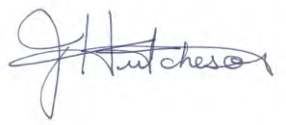
Public School Impacts
The overall project will naturally result in an increase in school-aged children therefore potential adverse impacts to local public schools needs to be analyzed.

Traffic Impacts
Potential impacts including, but not limited to, impacts on levels of service at Highway 101 interchanges at Cochrane Road and all intersections along Cochrane Road, intersections along Peet as well as increase in vehicle miles traveled must be analyzed.

Cumulative Impacts
The EIR should address the cumulative impacts of this Project on the continued loss of agricultural lands and open space in the city's sphere of influence.

Thank you again for the opportunity to comment. We request that we be sent copies of the Draft EIR and any other supporting documents.

Sincerely,



Julie Hutcheson, Environmental Advocate
Committee for Green Foothills

SANTA CLARA
Valley Transportation Authority

September 9, 2011

City of Morgan Hill
Community Development Department
17555 Peak Avenue
Morgan Hill, CA 95037-4128

Attention: Terry Linder

Subject: Cochrane-Borello Residential

Dear Mr. Linder:

Santa Clara Valley Transportation Authority (VTA) staff have reviewed the NOP for a Draft EIR for 244 homes on 122 acres for a site bounded by Cochrane Road, Half Road, and Peet Road. We have the following comments.

Transportation Impact Analysis (TIA) Report

VTA's Congestion Management Program (CMP) requires a Transportation Impact Analysis (TIA) for any project that is expected to generate 100 or more new peak-hour trips. Based on the information provided on the size of this project, a TIA may be required. The updated March 2009 version of the VTA CMP *TIA Guidelines* should be used when preparing the TIA for this development. This document includes updated procedures for the analysis of bicycle facilities, parking, site circulation and pedestrian access, as well as roadways, and may be downloaded from http://www.vta.org/news/vtacmp/0%20-%20Technical%20Guidelines/. For more information on the *TIA Guidelines*, please call Shanthi Chatradhi of the VTA Congestion Management Agency Division at 408-952-4224.

Project Trip Generation Assumptions

The NOP states that the project may include up to 180 secondary units in addition to the 244 single-family homes at final buildout. The TIA Report and DEIR Transportation analysis should clearly state the assumptions regarding trip generation for both the primary dwellings and the secondary units in the project.

Pedestrian and Bicycle Accommodations

The TIA Report and DEIR Transportation analysis should discuss what provisions will be made for pedestrians and bicycles along the project's public street frontages, as well as pedestrian and bicycle access to nearby destinations such as Live Oak High School.

Thank you for the opportunity to review this project. If you have any questions, please call me at (408) 321-5784.

Sincerely,

Roy Molseed
Senior Environmental Planner

MH0702

APPENDIX B

Detailed Project Plans, San Sebastian

VESTING TENTATIVE MAP & PD PACKAGE
SAN SEBASTIAN- PHASE 1-5
MORGAN HILL, SANTA CLARA COUNTY, CALIFORNIA

CONTACT INFORMATION

OWNER/APPLICANT:	SAN SEBASTIAN MH, GENERAL PARTNERSHIP 17045 MONTEREY ROAD, STE. D MORGAN HILL, CA 95037 CONTACT: CHRIS BORELLO (408) 779-9769
BUILDER:	FLETCHER CONSTRUCTION & PROJECT MANAGEMENT P.O. BOX 1540 PEBBLE BEACH, CA 93953 CONTACT: MICHAEL FLETCHER (831) 594-3904
CIVIL ENGINEER/PLANNER:	RUGGERI-JENSEN-AZAR & ASSOCIATES 8055 CAMINO ARROYO GILROY, CA 95020 ENGINERRING CONTACT: CHRIS PATTON, RCE 66271 PLANNER CONTACT: ROSS DOYLE (408) 848-0300
SITE PLANNER/LADSCAPE ARCHITECT:	ESTRADA LAND PLANNING 755 BROADWAY CIRCLE, STE. 300 SAN DIEGO, CA 92101-6161 CONTACT: VICKI ESTRADA (619) 236-0143
ARCHITECT	EDINGER ARCHITECTS 2827 PRESIDIO DRIVE SAN DIEGO CA 92110 CONTACT: PATRICK EDINGER (619) 298-5593
GEOTECHNICAL ENGINEER:	ENGEO INCORPORATED 6399 SAN IGNACIO AVE. SUITE 150 SAN JOSE CA 93519 CONTACT: JULIA MORIARTY (408) 574-4900

GENERAL NOTES

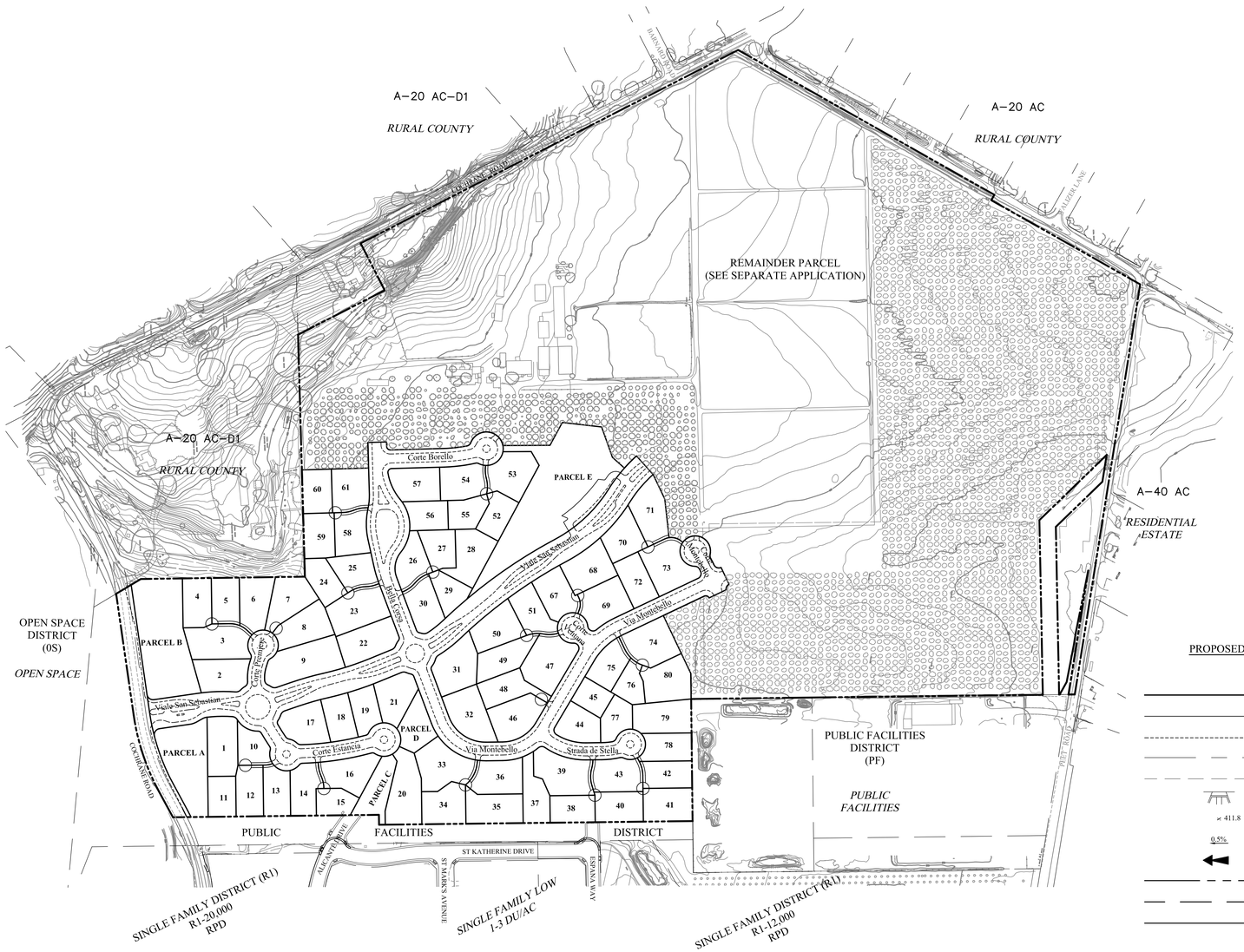
1. ASSESSOR PARCEL NUMBER: APN 728-34-026
2. PRESENT LAND USE: AGRICULTURAL
3. PROPOSED LAND USE: SINGLE FAMILY RESIDENTIAL
4. EXISTING GENERAL PLAN LAND USE: SINGLE FAMILY LOW (1-3 DU/AC)
5. EXISTING ZONING: SINGLE-FAMILY DISTRICT (R1) R1-12,000 RPD; R1-20,000 RPD, AND RESIDENTIAL ESTATE (RE) RE-40,000 RPD)
6. PROPOSED ZONING: (R1) R1-20,000 RPD (SEE NOTES 7 AND 8 BELOW)
7. THE PROJECT'S "SINGLE FAMILY LOW" GENERAL PLAN LAND USE DESIGNATION ALLOWS A DENSITY RANGE OF 1-3 DWELLING UNITS PER GROSS ACRE OF LAND. AT BUILDOUT, SAN SEBASTIAN'S 244-LOT DEVELOPMENT WILL PROVIDE A GROSS DENSITY OF APPROXIMATELY 2 UNITS PER ACRE. UNDER THE EXISTING ZONING THE PROJECT CAN YIELD UP TO 252 UNITS.
8. TO PREVENT FURTHER SUBDIVISION WITHIN THE PROJECT BEYOND 244 UNITS, THE CITY HAS REQUESTED AND APPLICANT HAS AGREED TO AN R1-20,000 RPD ZONING. THE RPD OVERLAY SHALL ALLOW THE APPLICANT TO RETAIN THE GROSS DENSITY WHILE PROVIDING ON-SITE AMENITIES, PROJECT INFRASTRUCTURE, FLEXIBILITY IN PROPOSED LOT SIZES AND 244 RESIDENTIAL LOTS.
9. TOTAL BUILDABLE LOTS: 75
10. BUILDOUT TABULATION:

STREETS	
PUBLIC STREET R/W	0.9 ± AC
PRIVATE STREETS	9.3 ± AC
PAVEMENT	4.3 ± AC
LANDSCAPE/OS	5.0 ± AC
RESIDENTIAL LOTS (1-75)	27.9 ± AC
OPEN SPACE	
PARCEL A (BASIN/OS)	0.9 ± AC
PARCEL B (BASIN/OS)	1.4 ± AC
PARCEL C (PARK/OS)	0.4 ± AC
PARCEL D (PARK/OS)	0.3 ± AC
PARCEL E (COMM. CENTER/OS)	2.3 ± AC
TOTAL OPEN SPACE AREA (OS)	10.3 ± AC
REMAINDER PARCEL	78.7 ± AC
TOTAL	122.1± AC

11. UTILITIES:

WATER	CITY OF MORGAN HILL
SANITARY SEWER	CITY OF MORGAN HILL
STORM DRAIN	CITY OF MORGAN HILL
GAS & ELECTRIC	PACIFIC GAS & ELECTRIC
TELEPHONE	VERIZON

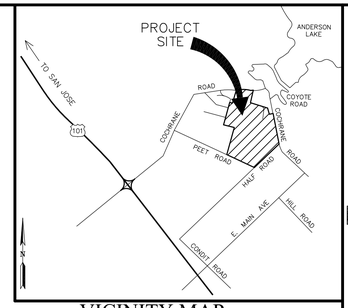
12. PROPOSED CONTOURS AND GRADES IN THIS PLAN SET ARE PRELIMINARY. FINISH GRADING IS SUBJECT TO FINAL DESIGN. SLOPES ARE 2:1 MAXIMUM, UNLESS APPROVED BY GEOTECHNICAL ENGINEER.
13. BENCHMARK: SANTA CLARA VALLEY WATER DISTRICT BENCHMARK "BM091", A BRASS DISK SET ON TOP AND CENTER OF 9.5 FEET LONG HEADWALL ON THE NORTHWEST SIDE OF COCHRANE ROAD, 35.3 FEET NORTHEAST FROM STREET MONUMENT AT THE POINT OF INTERSECTION FOR COCHRANE ROAD AND MALAGUERRA AVENUE, ELEVATION (NGVD29) = 397.46 FEET.
14. MULTIPLE FINAL MAPS MAY BE FILED ON THE LANDS SHOWN ON THIS MAP. THE PHASING SHOWN ON THIS MAP IS PRELIMINARY AND SUBJECT TO CHANGE.
15. LOT NUMBERS ARE FOR IDENTIFICATION PURPOSES ONLY AND ARE NOT INTENDED AS FINAL.
16. ALL GRADING WILL BE DONE IN CONFORMANCE WITH THE RECOMMENDATIONS AND CONDITIONS OF THE GEOTECHNICAL ENGINEER, THE CITY OF MORGAN HILL STANDARDS AND SPECIFICATIONS, AND APPLICABLE REPORTS REGARDING THIS PROJECT.
17. PROJECT LIES WITHIN FLOOD ZONE D: AREAS IN WHICH FLOOD HAZARDS ARE UNDETERMINED (FIRM MAP NUMBER 06085C0442H, DATED MAY 18, 2009).
18. FINISHED FLOOR ELEVATIONS SHOWN ARE PRELIMINARY AND SUBJECT TO CHANGE DURING FINAL DESIGN AS STRUCTURAL SECTIONS OF FOUNDATIONS ARE NOT AVAILABLE AT THIS TIME.
19. THE UTILITY PIPE SIZES AND CONNECTIONS SHOWN ON THIS MAP ARE PRELIMINARY AND ARE SUBJECT TO CHANGE.
20. BMP MEASURES FOR STORM WATER QUALITY AND LOW IMPACT DEVELOPMENT WILL BE INCORPORATED ONSITE TO THE MAXIMUM EXTENT PRACTICABLE BASED ON THE CURRENT CITY OF MORGAN HILL STANDARDS AT THE TIME OF APPROVAL.
21. THE TOTAL NUMBER OF STREET LIGHTS PROVIDED ONSITE IS INTENDED TO BE MINIMIZED TO MAINTAIN THE RURAL ENVIRONMENT. STREET LIGHTS WILL ONLY BE LOCATED AT STREET INTERSECTIONS AND DEAD ENDS AS APPROVED BY THE CITY ENGINEER.
22. ARCHITECTURE AND FLOOR PLAN MIX SHOWN ARE PRELIMINARY IN NATURE AND ARE SUBJECT TO CHANGE BASED ON MARKET DEMAND.
23. ACCESSORY STRUCTURE LOCATIONS ARE SUBJECT TO CHANGE BUT WILL BE IN SUBSTANTIAL CONFORMANCE TO SETBACK STANDARDS SET FORTH IN THIS APPLICATION.



LOCATION MAP
SCALE: 1"=200'

LOCATION MAP LEGEND

TEXT	ZONING (MORGAN HILL)
TEXT	GENERAL PLAN (MORGAN HILL)
TEXT	ZONING (SANTA CLARA COUNTY)



VICINITY MAP
NO SCALE

SHEET INDEX

SHEET#	SHEET TITLE
01	TITLE SHEET
02	EXISTING CONDITIONS
03	STREET SECTIONS & DETAILS
04	DETAILS
05	CONCEPTUAL STORM DRAIN PLAN
06	CONCEPTUAL SANITARY SEWER PLAN
07	CONCEPTUAL WATER PLAN
08 - 12	SITE DEVELOPMENT PLAN
13 - 17	SITE UTILIZATION PLAN
18 - 22	CONCEPTUAL GRADING PLAN
23	EARTHWORK MAP
24	EROSION CONTROL PLAN
25	PHASING PLAN
A1-1 - A1-3	RESIDENCE NO. 1
A2-1 - A2-3	RESIDENCE NO. 2
A3-1 - A3-3	RESIDENCE NO. 3
A4-1 - A4-3	RESIDENCE NO. 4
A5-1 - A5-3	RESIDENCE NO. 5
A6-1 - A6.3	RESIDENCE NO. 6
A7-1 - A7.3	RESIDENCE NO. 7
A8-1 - A8.3	COTTAGES
A9-1 - A9-2	RECREATION CENTER
L-1	LANDSCAPE CONCEPT PLAN
L-2	RECREATION CENTER
L-3	TYPICAL ENCLAVE DESIGN

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	LOT LINE	
	FACE OF CURB	
	EDGE OF PAVEMENT	
	CENTERLINE	
	EASEMENT	
	HANDICAP RAMP	
411.8	SPOT ELEVATION	
0.5%	SLOPE	
	EMERGENCY OVERLAND DRAINAGE RELEASE	
	STORM DRAIN	
	SANITARY SEWER	
	WATER	
	GAS	
	MANHOLE	
	CATCH BASIN	
	FIRE HYDRANT	
	ELECTROLIER	

ABBREVIATIONS

AC	ACRES	PSE	PUBLIC SERVICE EASEMENT
BNDY	BOUNDARY	R	RADIUS
CY	CUBIC YARDS	RET WALL	RETAINING WALL
DU	DWELLING UNITS	RPD	RESIDENTIAL PLANNED DEVELOPMENT OVERLAY DISTRICT
ELEV	ELEVATION		
EVA	EMERGENCY VEHICLE ACCESS	R/W	RIGHT-OF-WAY
EX	EXISTING	S	SLOPE
FF	FINISH FLOOR ELEVATION	SCVWD	SANTA CLARA VALLEY WATER DISTRICT
GB	GRADE BREAK	SD	STORM DRAIN
HP	HIGH POINT	SDE	STORM DRAIN EASEMENT
INV	INVERT ELEVATION	SDMH	STORM DRAIN MANHOLE
L	LENGTH	SF	SQUARE FEET
LP	LOW POINT	SS	SANITARY SEWER
MAX	MAXIMUM	SSMH	SANITARY SEWER MANHOLE
OS	OPEN SPACE	TYP	TYPICAL
PAE	PUBLIC ACCESS EASEMENT	W	WATER

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VESTING TENTATIVE MAP & PD PARCKAGE
TITLE SHEET
SAN SEBASTIAN PAHSE 1-5
MORGAN HILL, CALIFORNIA
FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

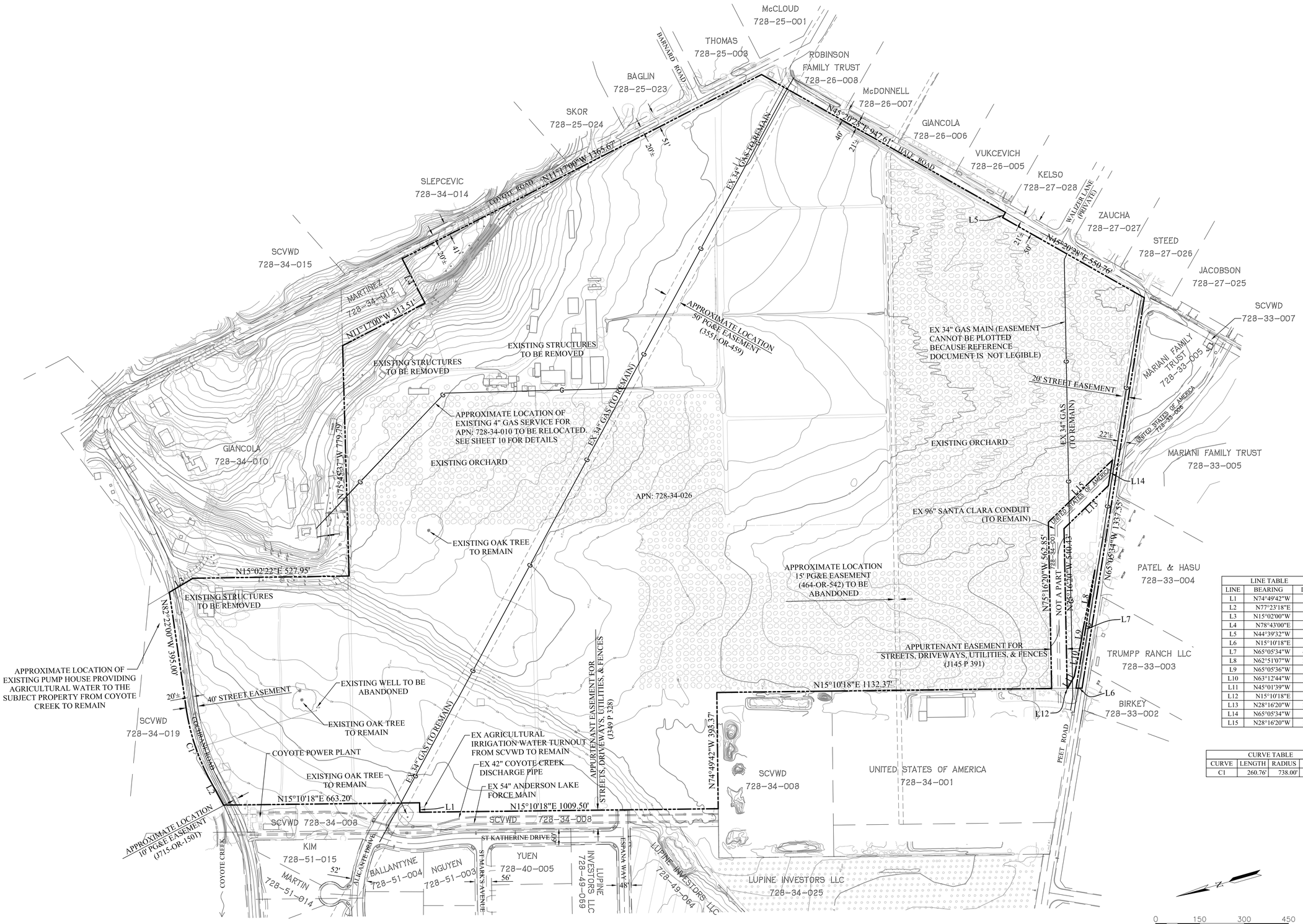
SCALE 1"=200' | DATE JUNE 2012

DATE	BY	CK	SHEET REVISIONS
	MK		

SHEET 01 OF 54 SHEETS

JOB NO. 092030

DATE: 02/21/2012 TIME: 4:35PM
DRAWING: TITLE SHEET.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\



LINE TABLE		
LINE	BEARING	DIST
L1	N74°49'42"W	32.00'
L2	N77°23'18"E	94.12'
L3	N15°02'00"W	92.89'
L4	N78°43'00"E	170.00'
L5	N44°39'32"W	20.00'
L6	N15°10'18"E	20.29'
L7	N65°05'34"W	404.45'
L8	N62°51'07"W	204.61'
L9	N65°05'36"W	39.14'
L10	N63°12'44"W	122.13'
L11	N45°01'39"W	46.41'
L12	N15°10'18"E	1.74'
L13	N28°16'20"W	208.83'
L14	N65°05'34"W	87.58'
L15	N28°16'20"W	301.77'

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C1	260.76'	738.00'	20°14'42"

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VESTING TENTATIVE MAP & PD PARCKAGE
EXISTING CONDITIONS
SAN SEBASTIAN PAHSE 1-5

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

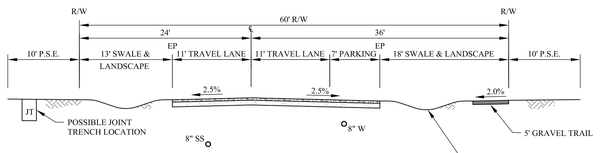
SCALE	DATE
1"=150'	JUNE 2012

DATE	BY	CK	SHEET REVISIONS
MK			

SHEET
02
OF 54 SHEETS

JOB NO.
092030

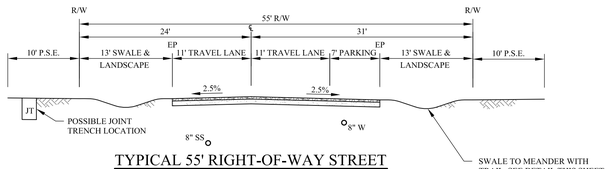
DATE: 02/21/2012 TIME: 4:36PM
DRAWING: EXISTING CONDITIONS.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM TM & PD PACKAGE-2012-02-24\



TYPICAL 60' RIGHT-OF-WAY STREET

NO SCALE

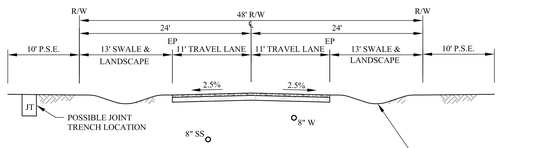
(CORTE BORELLO, BELLA CORSA, VIA MONTEBELLO, CORTE ESTANCIA)



TYPICAL 55' RIGHT-OF-WAY STREET

NO SCALE

(CORTE PREMIERE, CORTE BIANCO, STRADA DE STELLA)

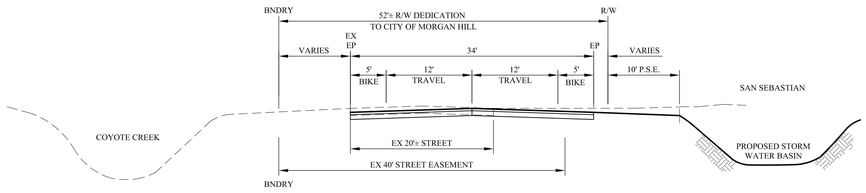


TYPICAL 48' RIGHT-OF-WAY STREET

NO SCALE

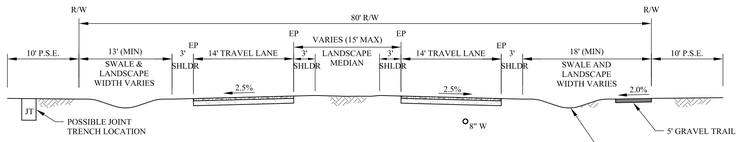
(CORTE VENTANA, CORTE MONTEBELLO,)

COCHRANE ROAD



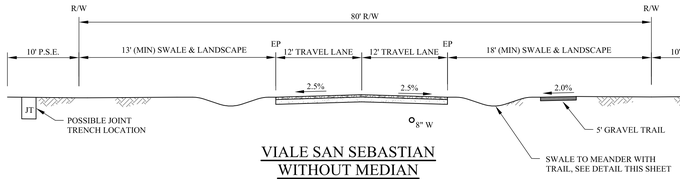
COCHRANE ROAD

NO SCALE



VIALE SAN SEBASTIAN WITH MEDIAN

NO SCALE



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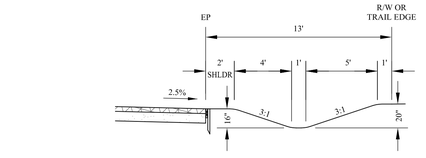
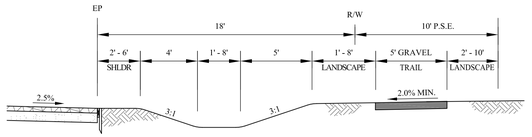


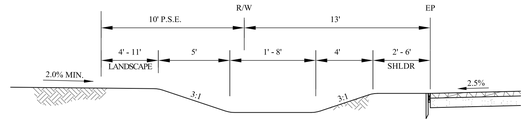
MINIMUM SWALE DIMENSIONS

NO SCALE



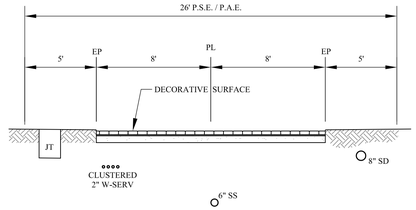
TYPICAL SWALE MEANDER WITH TRAIL

NO SCALE



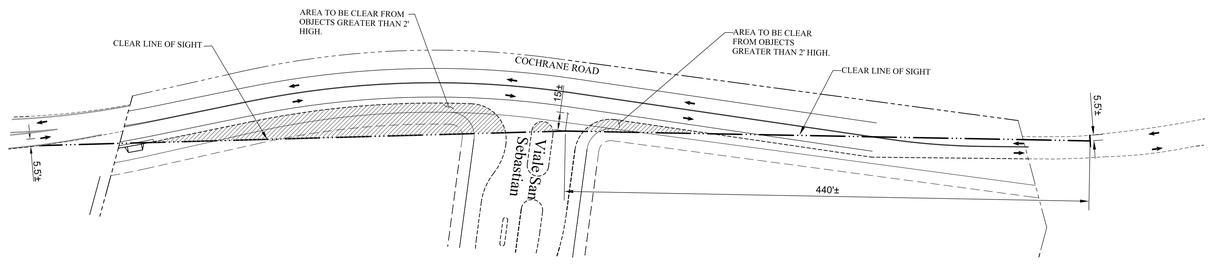
TYPICAL SWALE MEANDER WITHOUT TRAIL

NO SCALE



TYPICAL ENCLAVE DRIVEWAY

NO SCALE



INTERSECTION SIGHT DISTANCE

SCALE : 1"=60'

INTERSECTION SIGHT DISTANCE NOTES

1. POSTED SPEED IS ASSUMED TO BE 35 MPH
2. DESIGN SPEED IS EQUAL TO ASSUMED SPEED (35) PLUS 5 MPH =40 MPH.
3. CORNER SIGHT DISTANCE IS 440 FT BASED ON CALTRANS HIGWAY DESIGN MANUAL MAY 7, 2012.

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VESTING TENTATIVE MAP & PD PARCKAGE
STREET SECTIONS & DETAILS
SAN SEBASTIAN PAHSE 1-5
MORGAN HILL, CALIFORNIA
FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
NONE	JUNE 2012

DATE	MK	SHEET REVISIONS	BY	CK

SHEET 03 OF 54 SHEETS

JOB NO. 092030

DATE: 02/21/2012 TIME: 4:37PM
DRAWING: STREET SECTIONS & DETAILS.DWG XREF: \JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

STORM DRAIN NOTES:

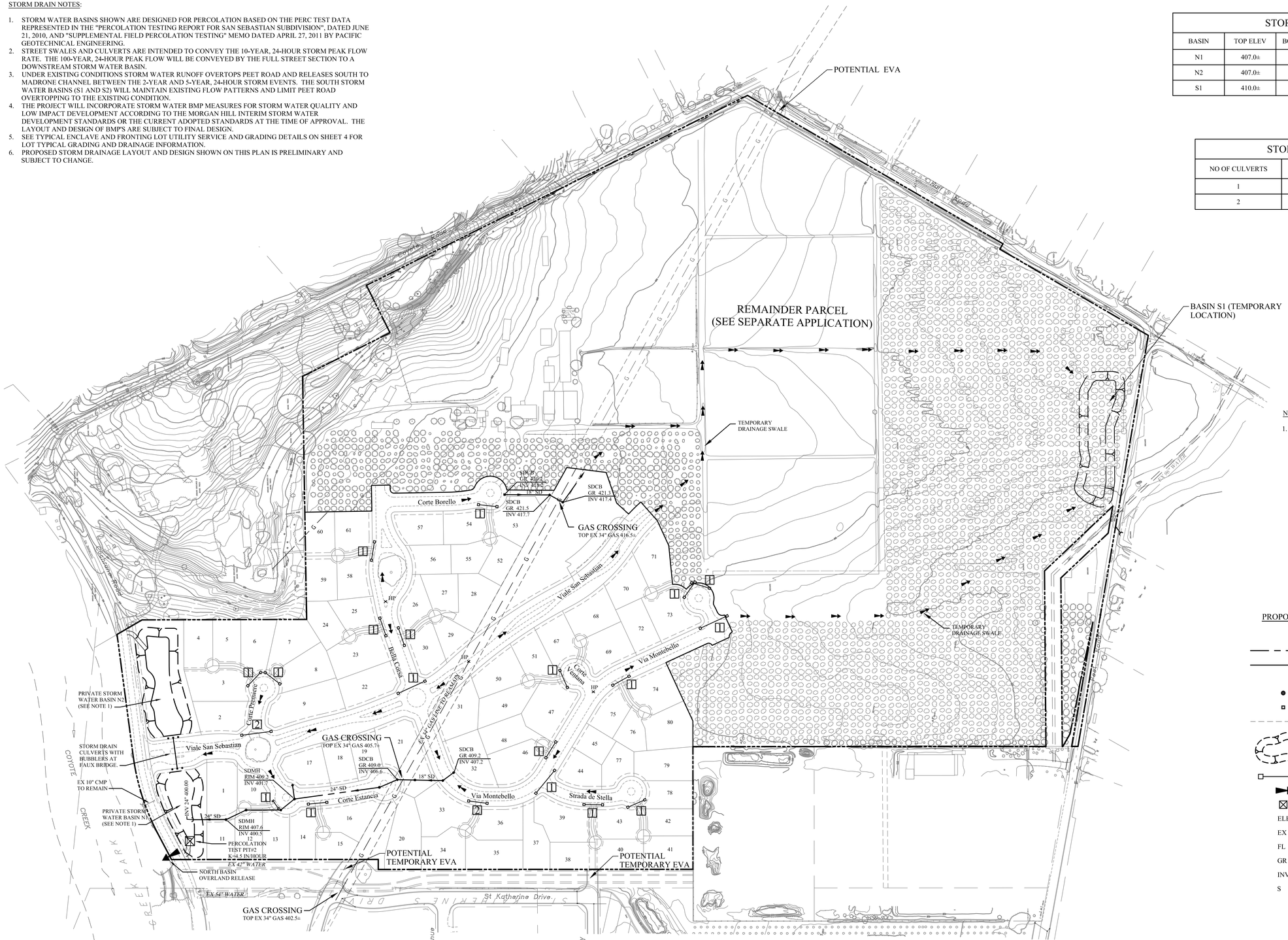
1. STORM WATER BASINS SHOWN ARE DESIGNED FOR PERCOLATION BASED ON THE PERC TEST DATA REPRESENTED IN THE "PERCOLATION TESTING REPORT FOR SAN SEBASTIAN SUBDIVISION", DATED JUNE 21, 2010, AND "SUPPLEMENTAL FIELD PERCOLATION TESTING" MEMO DATED APRIL 27, 2011 BY PACIFIC GEOTECHNICAL ENGINEERING.
2. STREET SWALES AND CULVERTS ARE INTENDED TO CONVEY THE 10-YEAR, 24-HOUR STORM PEAK FLOW RATE. THE 100-YEAR, 24-HOUR PEAK FLOW WILL BE CONVEYED BY THE FULL STREET SECTION TO A DOWNSTREAM STORM WATER BASIN.
3. UNDER EXISTING CONDITIONS STORM WATER RUNOFF OVERTOPS PEET ROAD AND RELEASES SOUTH TO MADRONE CHANNEL BETWEEN THE 2-YEAR AND 5-YEAR, 24-HOUR STORM EVENTS. THE SOUTH STORM WATER BASINS (S1 AND S2) WILL MAINTAIN EXISTING FLOW PATTERNS AND LIMIT PEET ROAD OVERTOPPING TO THE EXISTING CONDITION.
4. THE PROJECT WILL INCORPORATE STORM WATER BMP MEASURES FOR STORM WATER QUALITY AND LOW IMPACT DEVELOPMENT ACCORDING TO THE MORGAN HILL INTERIM STORM WATER DEVELOPMENT STANDARDS OR THE CURRENT ADOPTED STANDARDS AT THE TIME OF APPROVAL. THE LAYOUT AND DESIGN OF BMP'S ARE SUBJECT TO FINAL DESIGN.
5. SEE TYPICAL ENCLAVE AND FRONTING LOT UTILITY SERVICE AND GRADING DETAILS ON SHEET 4 FOR LOT TYPICAL GRADING AND DRAINAGE INFORMATION.
6. PROPOSED STORM DRAINAGE LAYOUT AND DESIGN SHOWN ON THIS PLAN IS PRELIMINARY AND SUBJECT TO CHANGE.

STORM WATER BASINS				
BASIN	TOP ELEV	BOTTOM ELEV	MAX SIDE SLOPE	VOLUME (AC FT)
N1	407.0±	400.0±	4:1	3.2±
N2	407.0±	400.0±	4:1	5.4±
S1	410.0±	402.0±	4:1	6.6±

STORM DRAIN CULVERTS		
NO OF CULVERTS	MAX FLOW RATE (CFS)	MIN SWALE BOTTOM WIDTH
1	4.0±	2 FEET
2	8.0±	3 FEET

NOTE:

1. DETENTION/RETENTION BASINS MAY BE CONSTRUCTED IN PHASES TO PROVIDE THE INCREMENTAL VOLUME REQUIRED FOR EACH PHASE OF CONSTRUCTION



LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	STORM DRAIN	
	WATER	
	GAS	G
●	MANHOLE	○
▫	CATCH BASIN	
	EASEMENT	
	STORM WATER BASIN	
3	CULVERT WITH # OF PIPES REQUIRED	
	DIRECTION OF OVERLAND RELEASE	
⊠	PERCOLATION TEST PIT	
	ELEV ELEVATION	
	EX EXISTING	
	FL FLOW LINE ELEVATION	
	GR GRATE ELEVATION	
	INV INVERT ELEVATION	
	S SLOPE	

0 150 300 450

SCALE IN FEET: 1"= 150'

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VESTING TENTATIVE MAP & PD PARCKAGE
CONCEPTUAL STORM DRAIN PLAN
SAN SEBASTIAN PAHSE 1-5

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE 1"=150' | DATE JUNE 2012

DATE	BY	CK

SHEET REVISIONS

SHEET 05 OF 54 SHEETS

JOB NO. 092030

DATE: 02/21/2012 TIME: 4:39PM
DRAWING: CONCEPTUAL STORM DRAIN PLAN-P:\DRAWINGS\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

TENTATIVE MAP & PD PACKAGE
SAN SEBASTIAN PHASES 6-16
MORGAN HILL, SANTA CLARA COUNTY, CALIFORNIA

CONTACT INFORMATION

OWNER/APPLICANT:	SAN SEBASTIAN MH, GENERAL PARTNERSHIP 17045 MONTEREY ROAD, STE. D MORGAN HILL, CA 95037 CONTACT: CHRIS BORELLO (408) 779-9769
BUILDER:	FLETCHER CONSTRUCTION & PROJECT MANAGEMENT P.O. BOX 1540 PEBBLE BEACH, CA 93953 CONTACT: MICHAEL FLETCHER (831) 594-3904
CIVIL ENGINEER/PLANNER:	RUGGERI-JENSEN-AZAR & ASSOCIATES 8055 CAMINO ARROYO GILROY, CA 95020 ENGINERRING CONTACT: CHRIS PATTON, RCE 66271 PLANNER CONTACT: ROSS DOYLE (408) 848-0300
SITE PLANNER:	ESTRADA LAND PLANNING 755 BROADWAY CIRCLE, STE. 300 SAN DIEGO, CA 92101-6161 CONTACT: VICKI ESTRADA (619) 236-0143
GEOTECHNICAL ENGINEER:	ENGEO INCORPORATED 6399 SAN IGNACIO AVE SUITE 150 SAN JOSE CA 93519 CONTACT : JULIA MORIARTY (408) 574-4900

GENERAL NOTES

1. ASSESSOR PARCEL NUMBER: APN 728-34-026
2. PRESENT LAND USE: AGRICULTURAL
3. PROPOSED LAND USE: SINGLE FAMILY RESIDENTIAL
4. EXISTING GENERAL PLAN LAND USE: SINGLE FAMILY LOW (1-3 DU/AC)
5. EXISTING ZONING: SINGLE-FAMILY DISTRICT (R1) R1-12,000 RPD; R1-20,000 RPD, AND RESIDENTIAL ESTATE (RE) RE-40,000 RPD)
6. PROPOSED ZONING: (R1) R1-20,000 RPD (SEE NOTES 7 AND 8 BELOW)
7. THE PROJECT'S "SINGLE FAMILY LOW" GENERAL PLAN LAND USE DESIGNATION ALLOWS A DENSITY RANGE OF 1-3 DWELLING UNITS PER GROSS ACRE OF LAND. AT BUILDOUT, SAN SEBASTIAN'S 244-LOT DEVELOPMENT WILL PROVIDE A GROSS DENSITY OF APPROXIMATELY 2 UNITS PER ACRE. UNDER THE EXISTING ZONING THE PROJECT CAN YIELD UP TO 252 UNITS.
8. TO PREVENT FURTHER SUBDIVISION WITHIN THE PROJECT BEYOND 244 UNITS, THE CITY HAS REQUESTED AND APPLICANT HAS AGREED TO AN R1-20,000 RPD ZONING. THE RPD OVERLAY SHALL ALLOW THE APPLICANT TO RETAIN THE GROSS DENSITY WHILE PROVIDING ON-SITE AMENITIES, PROJECT INFRASTRUCTURE, FLEXIBILITY IN PROPOSED LOT SIZES AND 244 RESIDENTIAL LOTS.
9. TOTAL BUILDABLE LOTS: 169
10. BUILDOUT TABULATION:

STREETS	
PUBLIC STREET R/W	0.6 ± AC
PRIVATE STREETS	13.8 ± AC
PAVEMENT	6.5 ± AC
LANDSCAPE/OS	7.3 ± AC
RESIDENTIAL LOTS (1-169)	59.0 ± AC
OPEN SPACE	
PARCEL F (PARK/OS)	1.6 ± AC
PARCEL G (PARK/OS)	0.8 ± AC
PARCEL H (OS)	0.2 ± AC
PARCEL I (OS)	0.3 ± AC
PARCEL J (OS)	0.3 ± AC
PARCEL K (OS)	0.1 ± AC
PARCEL L (PARK/OS)	0.3 ± AC
PARCEL M (BASIN/OS)	0.6 ± AC
PARCEL N (PARK/OS)	0.1 ± AC
PARCEL O (BASIN/OS)	1.0 ± AC
TOTAL SITE AREA	78.7 ± AC
TOTAL OPEN SPACE AREA (OS)	11.8 ± AC

11. UTILITIES:

WATER	CITY OF MORGAN HILL
SANITARY SEWER	CITY OF MORGAN HILL
STORM DRAIN	CITY OF MORGAN HILL
GAS & ELECTRIC	PACIFIC GAS & ELECTRIC
TELEPHONE	VERIZON

12. PROPOSED CONTOURS AND GRADES IN THIS PLAN SET ARE PRELIMINARY. FINISH GRADING IS SUBJECT TO FINAL DESIGN. SLOPES ARE 2:1 MAXIMUM, UNLESS APPROVED BY GEOTECHNICAL ENGINEER.
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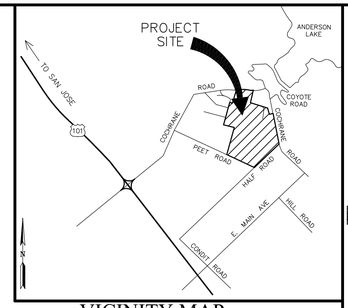
20. PROPOSED STORM WATER BASINS SHOWN ARE PRELIMINARY AND SUBJECT TO CHANGE. BASINS ARE DESIGNED FOR PERCOLATION AND RELEASE AT PRE-DEVELOPMENT LEVELS. TOTAL STORAGE SHOWN IS APPROXIMATELY 17.0± ACRE-FEET.
21. BMP MEASURES FOR STORM WATER QUALITY AND LOW IMPACT DEVELOPMENT WILL BE INCORPORATED ONSITE TO THE MAXIMUM EXTENT PRACTICABLE BASED ON THE CURRENT CITY OF MORGAN HILL STANDARDS AT THE TIME OF APPROVAL.
22. THE TOTAL NUMBER OF STREET LIGHTS PROVIDED ONSITE IS INTENDED TO BE MINIMIZED TO MAINTAIN THE RURAL ENVIRONMENT. STREET LIGHTS WILL ONLY BE LOCATED AT STREET INTERSECTIONS AND DEAD ENDS AS APPROVED BY THE CITY ENGINEER.
23. ARCHITECTURE AND FLOOR PLAN MIX SHOWN ARE PRELIMINARY IN NATURE AND ARE SUBJECT TO CHANGE BASED ON MARKET DEMAND.
24. ACCESSORY STRUCTURE LOCATIONS ARE SUBJECT TO CHANGE BUT WILL BE IN SUBSTANTIAL CONFORMANCE TO SETBACK STANDARDS SET FORTH IN THIS PACKAGE.

LOCATION MAP
SCALE: 1"=200'

LOCATION MAP LEGEND

TEXT	ZONING (MORGAN HILL)
TEXT	GENERAL PLAN (MORGAN HILL)
TEXT	ZONING (SANTA CLARA COUNTY)



VICINITY MAP
NO SCALE

SHEET INDEX

SHEET #	SHEET TITLE
01	TITLE SHEET
02	EXISTING CONDITIONS
03	STREET SECTIONS & DETAILS
04	DETAILS
05	CONCEPTUAL STORM DRAIN PLAN
06	CONCEPTUAL SANITARY SEWER PLAN
07	CONCEPTUAL WATER PLAN
08 - 17	SITE DEVELOPMENT PLAN
18 - 27	SITE UTILIZATION PLAN
28 - 37	CONCEPTUAL GRADING PLAN
38	EARTHWORK MAP
39	EROSION CONTROL PLAN
40	PHASING PLAN
L-1	LANDSCAPE CONCEPT PLAN
L-2	RECREATION CENTER
L-3	TYPICAL ENCLAVE DESIGN

NOTE: PD ARCHITECTURE PROVIDED UNDER SEPARATE COVER

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	LOT LINE	
	FACE OF CURB	
	EDGE OF PAVEMENT	
	CENTERLINE	
	EASEMENT	
	HANDICAP RAMP	
411.8	SPOT ELEVATION	
0.5%	SLOPE	
	EMERGENCY OVERLAND DRAINAGE RELEASE	
	STORM DRAIN	
	SANITARY SEWER	
	WATER	
	GAS	G
	MANHOLE	
	CATCH BASIN	
	FIRE HYDRANT	
	ELECTROLIER	

ABBREVIATIONS

AC	ACRES	PSE	PUBLIC SERVICE EASEMENT
BNDY	BOUNDARY	R	RADIUS
CY	CUBIC YARDS	RET WALL	RETAINING WALL
DU	DWELLING UNITS	RPD	RESIDENTIAL PLANNED DEVELOPMENT OVERLAY DISTRICT
ELEV	ELEVATION		
EVA	EMERGENCY VEHICLE ACCESS	R/W	RIGHT-OF-WAY
EX	EXISTING	S	SLOPE
FF	FINISH FLOOR ELEVATION	SCVWD	SANTA CLARA VALLEY WATER DISTRICT
GB	GRADE BREAK	SD	STORM DRAIN
HP	HIGH POINT	SDE	STORM DRAIN EASEMENT
INV	INVERT ELEVATION	SDMH	STORM DRAIN MANHOLE
L	LENGTH	SF	SQUARE FEET
LP	LOW POINT	SS	SANITARY SEWER
MAX	MAXIMUM	SSMH	SANITARY SEWER MANHOLE
OS	OPEN SPACE	TYP	TYPICAL
PAE	PUBLIC ACCESS EASEMENT	W	WATER

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TENTATIVE MAP & PD PARCKAGE
TITLE SHEET
SAN SEBASTIAN PHASES 6-16
MORGAN HILL, CALIFORNIA
FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=200'	JUNE 2012

DATE	MK	SHEET REVISIONS	BY	CK

SHEET 01 OF 43 SHEETS

JOB NO. 092030

DATE: 02/21/2012
DRAWING: TITLE SHEET.DWG
TIME: 4:35PM
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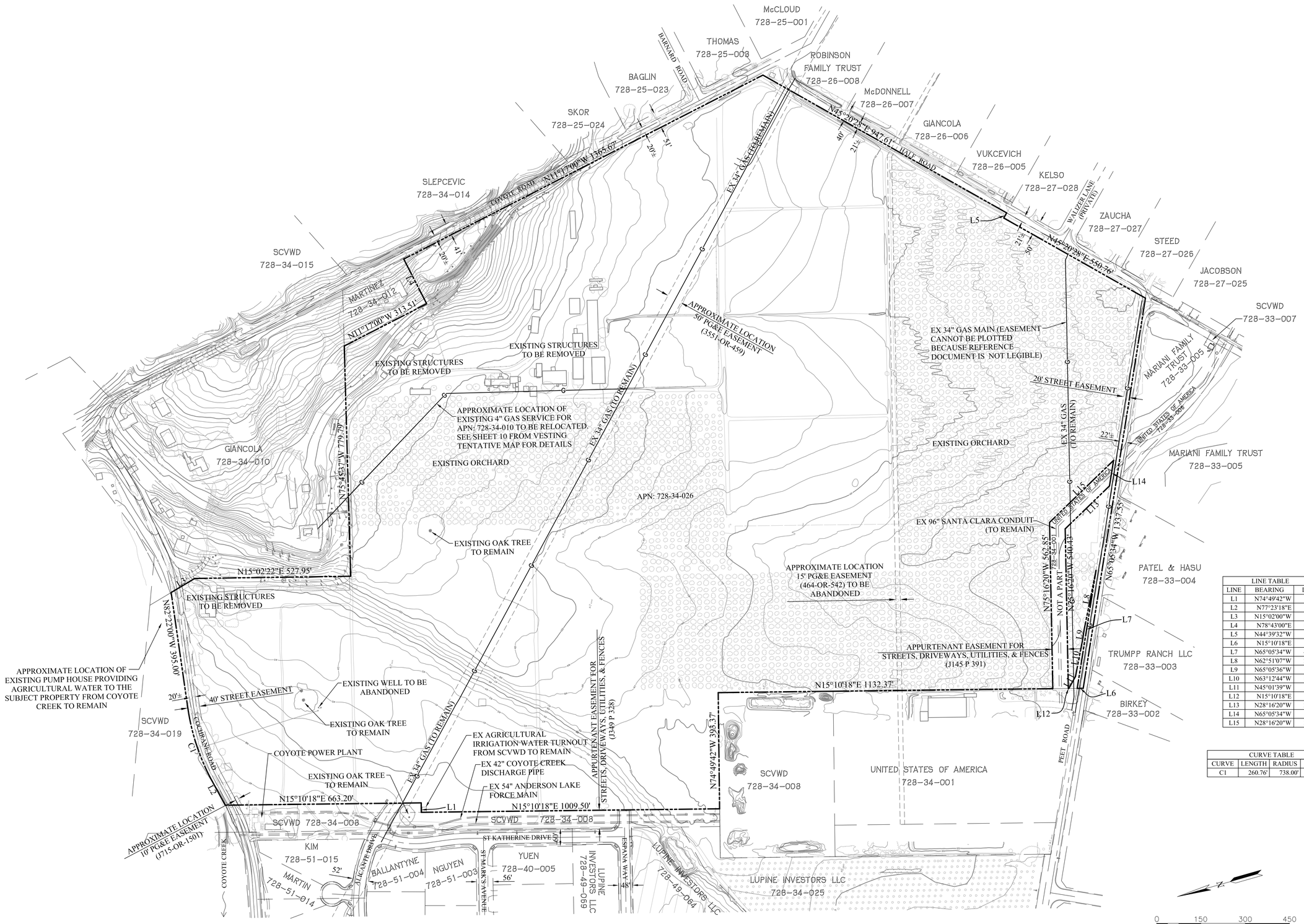

LINE TABLE		
LINE	BEARING	DIST
L1	N74°49'42"W	32.00'
L2	N77°23'18"E	94.12'
L3	N15°02'00"W	92.89'
L4	N78°43'00"E	170.00'
L5	N44°39'32"W	20.00'
L6	N15°10'18"E	20.29'
L7	N65°05'34"W	404.45'
L8	N62°51'07"W	204.61'
L9	N65°05'36"W	39.14'
L10	N63°12'44"W	122.13'
L11	N45°01'39"W	46.41'
L12	N15°10'18"E	1.74'
L13	N28°16'20"W	208.83'
L14	N65°05'34"W	87.58'
L15	N28°16'20"W	301.77'

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C1	260.76'	738.00'	20°14'42"

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TENTATIVE MAP & PD PARCKAGE
EXISTING CONDITIONS
SAN SEBASTIAN PHASES 6-16
MORGAN HILL, CALIFORNIA
FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE 1"=150'
DATE JUNE 2012

DATE	BY	SHEET REVISIONS
	CK	
MK		

SHEET 02 OF 43 SHEETS

JOB NO. 092030

DATE: 02/21/2012 TIME: 4:36PM
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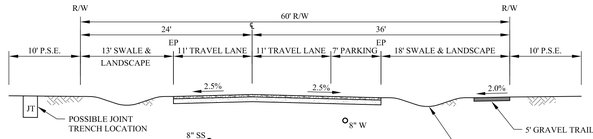
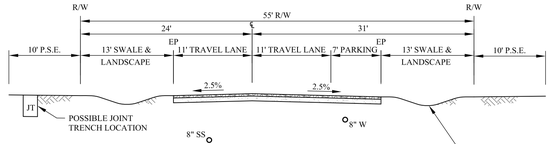


TYPICAL 60' RIGHT-OF-WAY STREET

NO SCALE

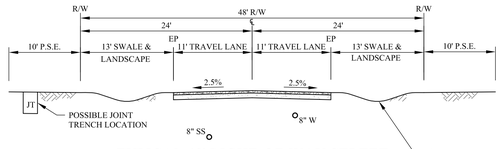
(BELLA CORSA, CORTE BELLAVISTA, VIA BIELLA, CORTE BELLA, CORTE MONTERRA, VIA VALETTA, VIA PRESTANCIA, VIA MONTEBELLO)



TYPICAL 55' RIGHT-OF-WAY STREET

NO SCALE

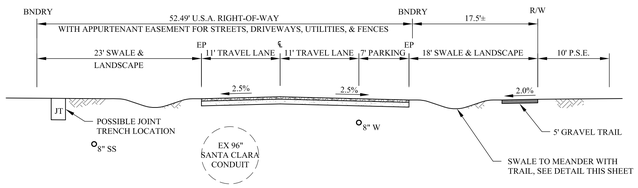
(MONTE BIANCO, PROMINENCE, CORTE PALMINA)



TYPICAL 48' RIGHT-OF-WAY STREET

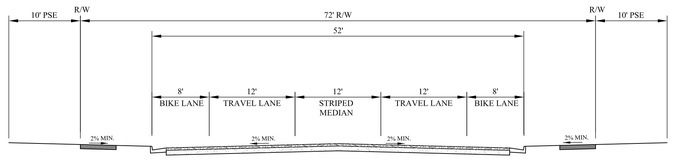
NO SCALE

(CORTE VENTANA, CORTE MONTEBELLO, LA TERAZZA)



VIA VALETTA AT U.S.A. PARCEL

NO SCALE

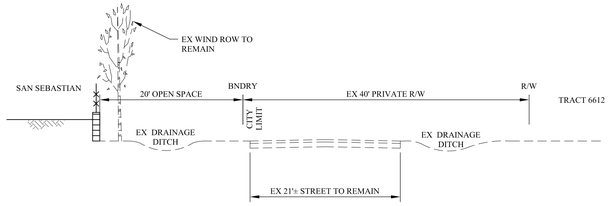


PEET ROAD

NO SCALE

(ULTIMATE IMPROVEMENTS PER CITY OF MORGAN HILL GENERAL PLAN)

FOR REFERENCE ONLY



HALF ROAD

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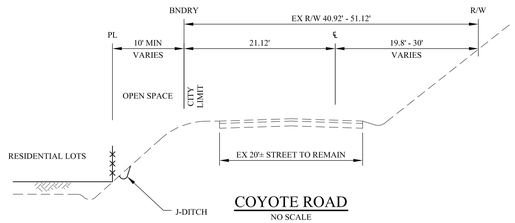
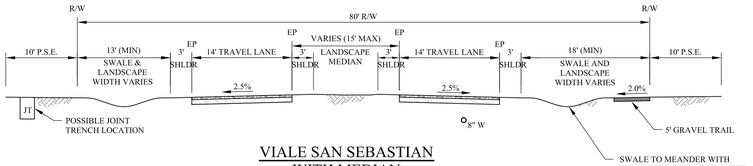


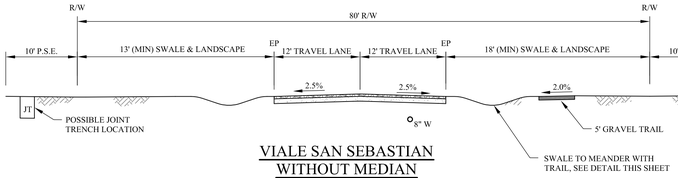
COYOTE ROAD

NO SCALE



VIALE SAN SEBASTIAN WITH MEDIAN

NO SCALE



VIALE SAN SEBASTIAN WITHOUT MEDIAN

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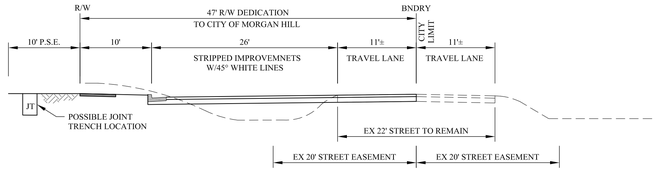
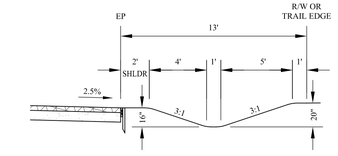


PEET ROAD

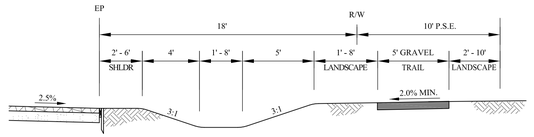
NO SCALE

(FRONTAGE IMPROVEMENTS BY SAN SEBASTIAN)



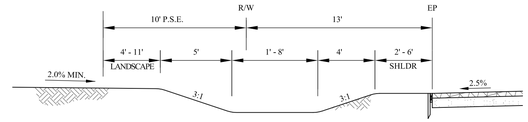
MINIMUM SWALE DIMENSIONS

NO SCALE



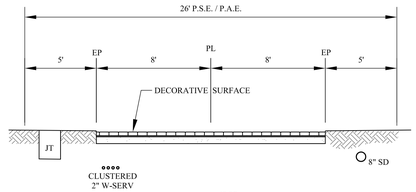
TYPICAL SWALE MEANDER WITH TRAIL

NO SCALE



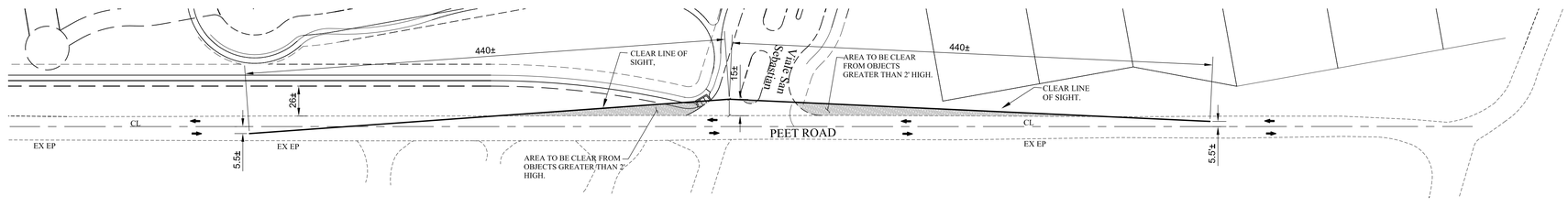
TYPICAL SWALE MEANDER WITHOUT TRAIL

NO SCALE



TYPICAL ENCLAVE DRIVEWAY

NO SCALE

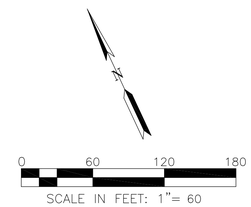


INTERSECTION SIGHT DISTANCE

SCALE : 1"=60'

INTERSECTION SIGHT DISTANCE NOTES

1. DESIGN SPEED IS EQUAL TO POSTED SPEED (35) PLUS 5 MPH =40 MPH.
2. CORNER SIGHT DISTANCE IS 440 FT BASED ON CALTRANS HIGWAY DESIGN MANUAL MAY 7, 2012.



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TENTATIVE MAP & PD PARCKAGE
STREET SECTIONS & DETAILS
SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
NONE	JUNE 2012

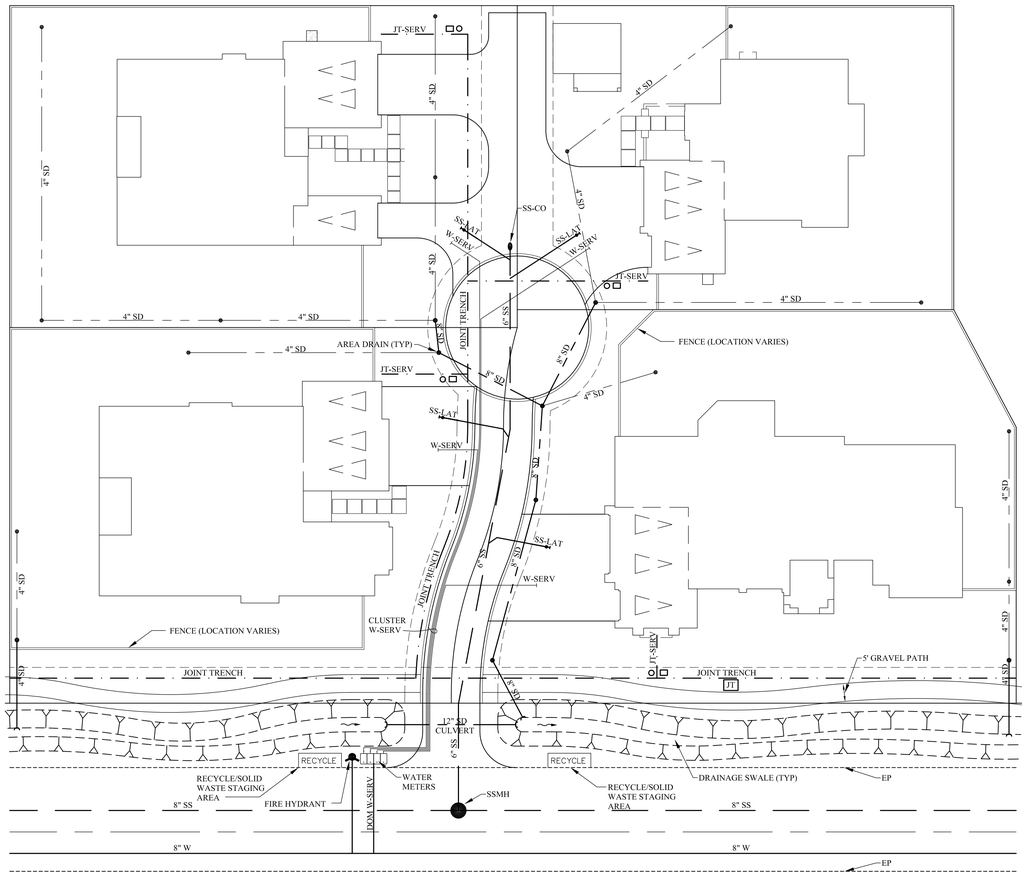
SHEET REVISIONS	BY	CK

DATE	MK

SHEET 03 OF 43 SHEETS

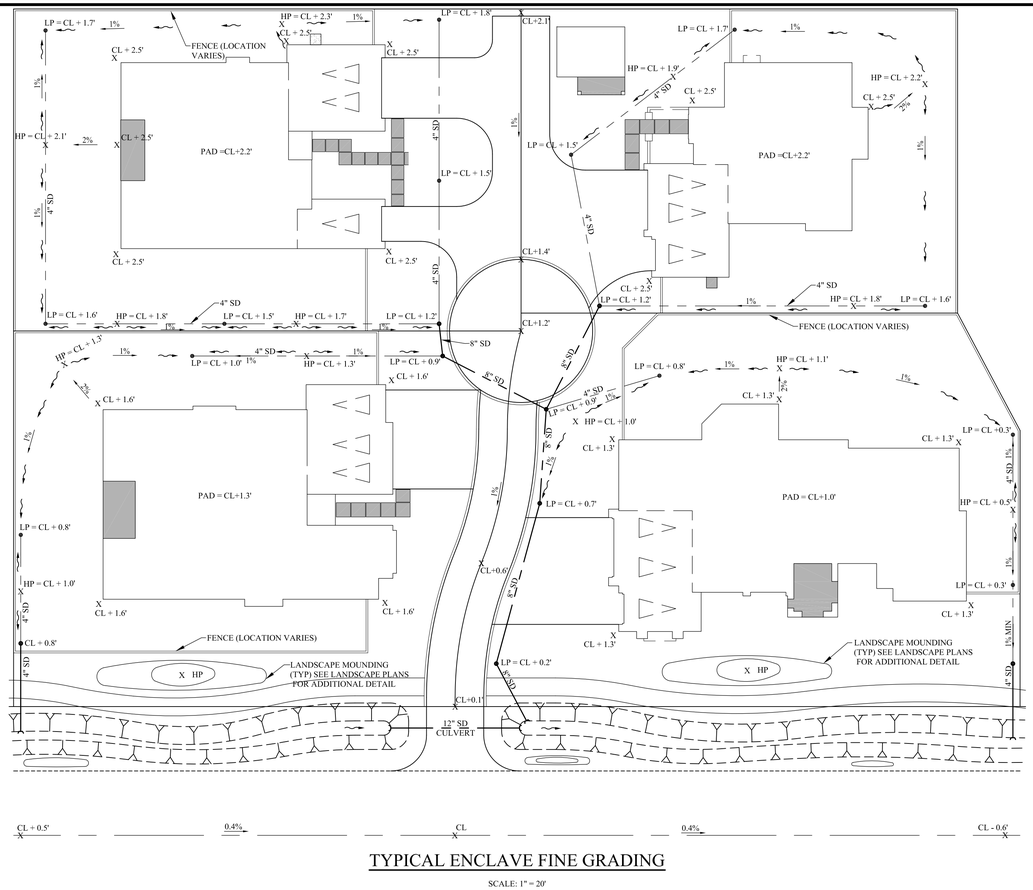
JOB NO. 092030

DATE: 02/21/2012 TIME: 4:37PM
DRAWING: STREET SECTIONS & DETAILS.DWG; \JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\



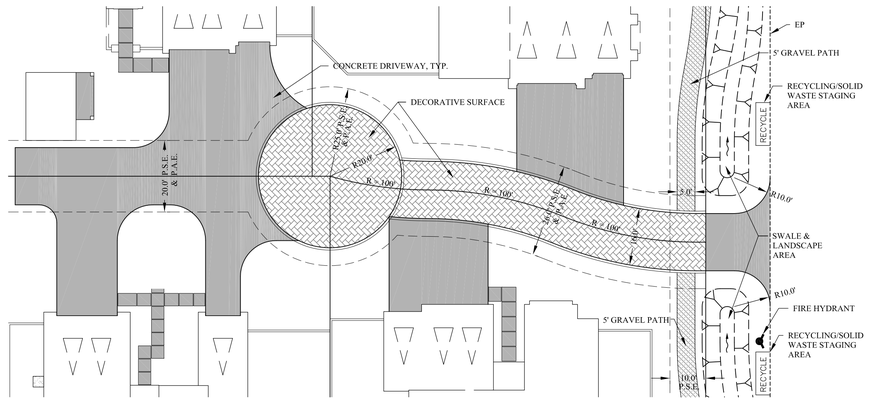
TYPICAL ENCLAVE UTILITY LAYOUT

SCALE 1" = 20'



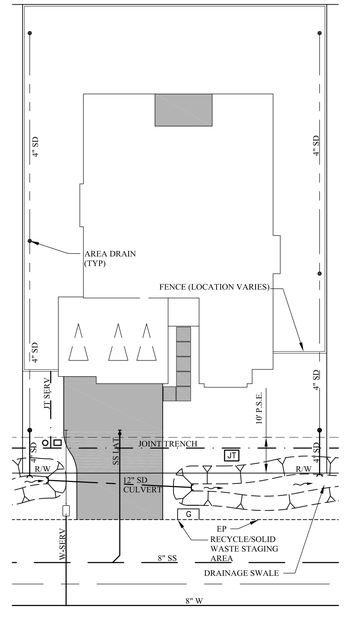
TYPICAL ENCLAVE FINE GRADING

SCALE: 1" = 20'



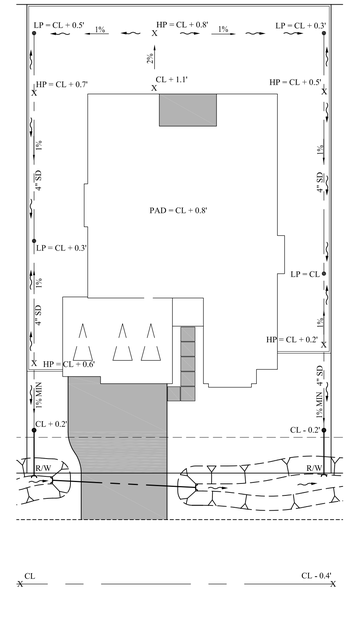
TYPICAL ENCLAVE SURFACE IMPROVEMENTS

SCALE: 1" = 20'



TYPICAL FRONTING LOT UTILITIES AND SURFACE IMPROVEMENTS

SCALE: 1" = 20'



TYPICAL FRONTING LOT FINE GRADING

SCALE: 1" = 20'

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TENTATIVE MAP & PD PARCKAGE
DETAILS

SAN SEBASTIAN PHASES 6-16
MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
NONE	JUNE 2012

DATE	MK	SHEET REVISIONS	BY	CK

SHEET 04 OF 43 SHEETS

JOB NO. 092030

TIME: 4:38PM
PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

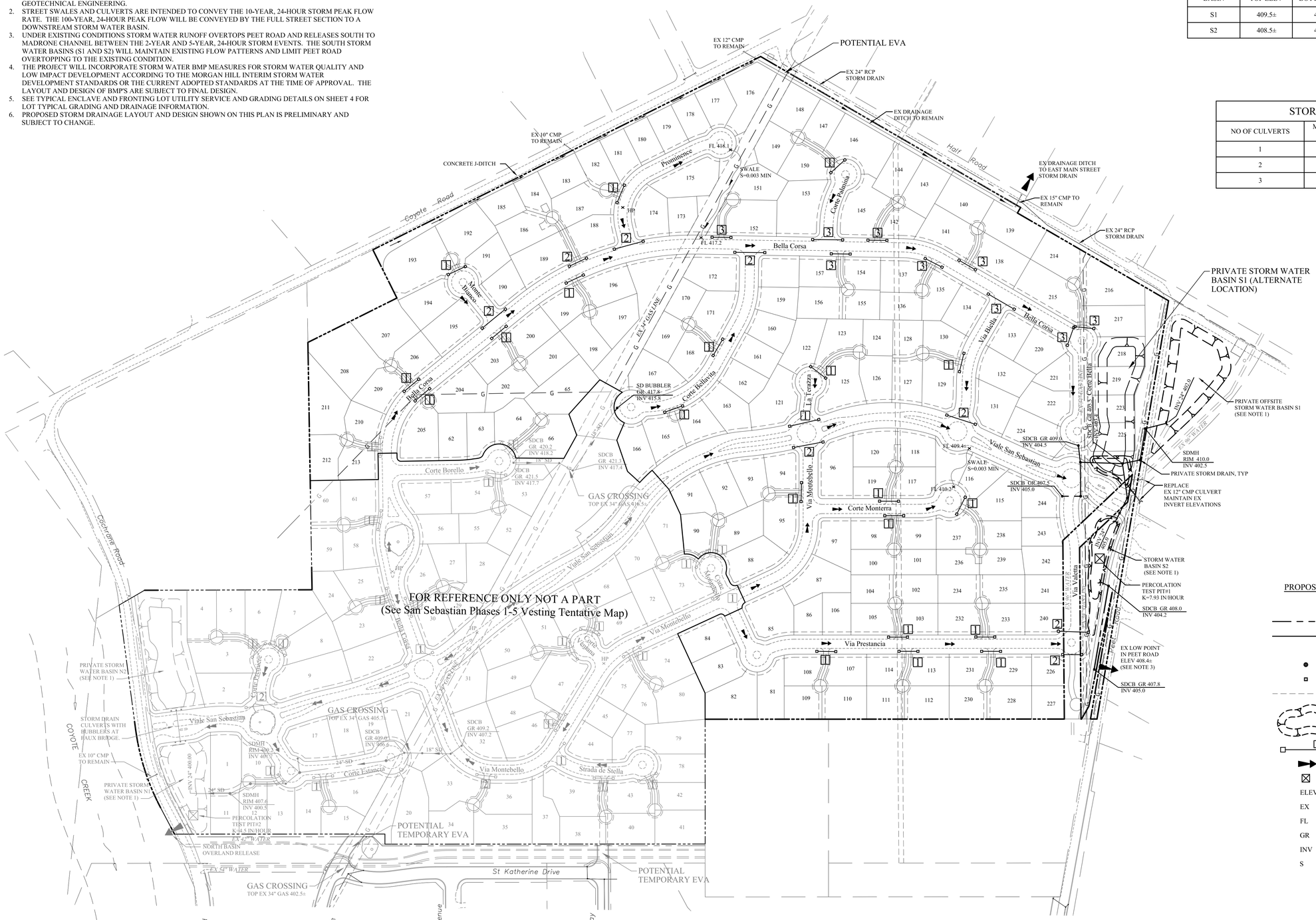
DATE: 02/21/2012
DRAWING: DETAILS.DWG

STORM DRAIN NOTES:

1. STORM WATER BASINS SHOWN ARE DESIGNED FOR PERCOLATION BASED ON THE PERC TEST DATA REPRESENTED IN THE "PERCOLATION TESTING REPORT FOR SAN SEBASTIAN SUBDIVISION", DATED JUNE 21, 2010, AND "SUPPLEMENTAL FIELD PERCOLATION TESTING" MEMO DATED APRIL 27, 2011 BY PACIFIC GEOTECHNICAL ENGINEERING.
2. STREET SWALES AND CULVERTS ARE INTENDED TO CONVEY THE 10-YEAR, 24-HOUR STORM PEAK FLOW RATE. THE 100-YEAR, 24-HOUR PEAK FLOW WILL BE CONVEYED BY THE FULL STREET SECTION TO A DOWNSTREAM STORM WATER BASIN.
3. UNDER EXISTING CONDITIONS STORM WATER RUNOFF OVERTOPS PEET ROAD AND RELEASES SOUTH TO MADRONE CHANNEL BETWEEN THE 2-YEAR AND 5-YEAR, 24-HOUR STORM EVENTS. THE SOUTH STORM WATER BASINS (S1 AND S2) WILL MAINTAIN EXISTING FLOW PATTERNS AND LIMIT PEET ROAD OVERTOPPING TO THE EXISTING CONDITION.
4. THE PROJECT WILL INCORPORATE STORM WATER BMP MEASURES FOR STORM WATER QUALITY AND LOW IMPACT DEVELOPMENT ACCORDING TO THE MORGAN HILL INTERIM STORM WATER DEVELOPMENT STANDARDS OR THE CURRENT ADOPTED STANDARDS AT THE TIME OF APPROVAL. THE LAYOUT AND DESIGN OF BMP'S ARE SUBJECT TO FINAL DESIGN.
5. SEE TYPICAL ENCLAVE AND FRONTING LOT UTILITY SERVICE AND GRADING DETAILS ON SHEET 4 FOR LOT TYPICAL GRADING AND DRAINAGE INFORMATION.
6. PROPOSED STORM DRAINAGE LAYOUT AND DESIGN SHOWN ON THIS PLAN IS PRELIMINARY AND SUBJECT TO CHANGE.

STORM WATER BASINS				
BASIN	TOP ELEV	BOTTOM ELEV	MAX SIDE SLOPE	VOLUME (AC FT)
S1	409.5±	402.0±	4:1	7.1±
S2	408.5±	404.0±	4:1	2.1±

STORM DRAIN CULVERTS		
NO OF CULVERTS	MAX FLOW RATE (CFS)	MIN SWALE BOTTOM WIDTH
1	4.0±	2 FEET
2	8.0±	3 FEET
3	12.0±	4 FEET



LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	STORM DRAIN	
	WATER	
	GAS	G
●	MANHOLE	○
▫	CATCH BASIN	
	EASEMENT	
	STORM WATER BASIN	
3	CULVERT WITH # OF PIPES REQUIRED	
	DIRECTION OF OVERLAND RELEASE	
⊠	PERCOLATION TEST PIT	
ELEV	ELEVATION	
EX	EXISTING	
FL	FLOW LINE ELEVATION	
GR	GRATE ELEVATION	
INV	INVERT ELEVATION	
S	SLOPE	

0 150 300 450

SCALE IN FEET: 1"= 150'

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TENTATIVE MAP & PD PARCKAGE
CONCEPTUAL STORM DRAIN PLAN
SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=150'	JUNE 2012

DATE	BY	CK

SHEET REVISIONS

SHEET 05 OF 43 SHEETS

JOB NO. 092030

DATE: 02/21/2012 TIME: 4:39PM
DRAWING: CONCEPTUAL STORM DRAIN PLAN-PHASES 6-16.DWG
F:\PROJECTS\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

SANITARY SEWER NOTES:

1. PROPOSED SEWER PIPE LAYOUT AND DESIGN SHOWN ON THIS PLAN IS PRELIMINARY AND SUBJECT TO CHANGE.
2. SEE SHEET 4 FOR TYPICAL ENCLAVE AND FRONTING LOT UTILITY SERVICE LOCATIONS.

POTENTIAL EVA
Coyote Road
Half Road
Cochrane Road
Prominence
Bella Corsa
Monte Bianco
Corte Ballavia
Corte Palomar
Via Montebello
Via Monichello
Via Valetta
Viale San Sebastian
Corte Monterra
Corte Borello
Corte Estancia
Via Prestancia
Via Montebello
Studia de Stella
Via Pergamo
Via Positano
Via Positano Court
Via Positano Circle
Corte Positano
Via Positano Court
Via Positano Circle
Corte Positano
Via

WATER NOTES:

1. THE PROPOSED WATER SYSTEM LAYOUT AND DESIGN SHOWN ON THIS PLAN IS PRELIMINARY AND SUBJECT TO CHANGE.
2. SEE SHEET 4 FOR TYPICAL ENCLAVE AND FRONTING LOT UTILITY SERVICE LOCATIONS.

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	WATER	
	GAS	G
	FIRE HYDRANT	
	EASEMENT	
	AREA TO BE IRRIGATED WITH EXISTING AGRICULTURAL IRRIGATION WATER	

0 150 300 450

SCALE IN FEET: 1"= 150'

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TENTATIVE MAP & PD PARCKAGE
CONCEPTUAL WATER PLAN
SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=150'	JUNE 2012

DATE	BY	CK

SHEET REVISIONS

SHEET 07 OF 43 SHEETS

JOB NO. 092030

DATE: 02/21/2012 TIME: 4:55PM
DRAWING: 07 CONCEPTUAL WATER PLAN.dwg PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

FOR REFERENCE ONLY NOT A PART
(See San Sebastian Phases 1-5 Vesting Tentative Map)

BELLA CORSA

CORTE BORELLO

VIALE SAN SEBASTIAN

Parcel E

212
13,900± SF

211
23,300± SF

208
31,600± SF

213
13,600± SF

210
13,500± SF

209
15,300± SF

206
14,100± SF

205
20,800± SF

62
13,400± SF

204
21,200± SF

63
11,400± SF

203
12,400± SF

64
15,200± SF

202
14,900± SF

66
19,700± SF

201
15,500± SF

65
24,600 SF

S-31
0.6± Acres

26' PSE & PAE

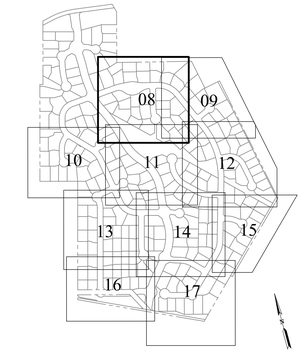
10' PSE

PSE & PAE

SEE SHEET 09

SEE SHEET 11

KEY MAP



LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
	NEW PAVEMENT	

0 40 80 120
SCALE IN FEET: 1"= 40'

RUGGERI-JENSEN-AZAR
ENGINEERS • PLANNERS • SURVEYORS
8055 CAMINO ARROYO GILROY, CA 95020
PHONE (408) 846-0300 FAX (408) 846-0302

TENTATIVE MAP & PD PARCKAGE
SITE DEVELOPMENT PLAN

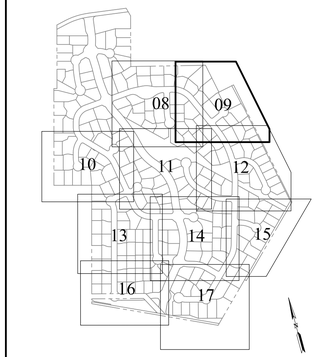
SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=40'	JUNE 2012

SHEET REVISIONS	BY	CK



KEY MAP

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TENTATIVE MAP & PD PARCKAGE
SITE DEVELOPMENT PLAN
SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=40'	JUNE 2012

DATE	BY	CK
SHEET REVISIONS		

SHEET 09 OF 43 SHEETS

JOB NO. 092030

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
	NEW PAVEMENT	

SCALE IN FEET: 1"= 40'

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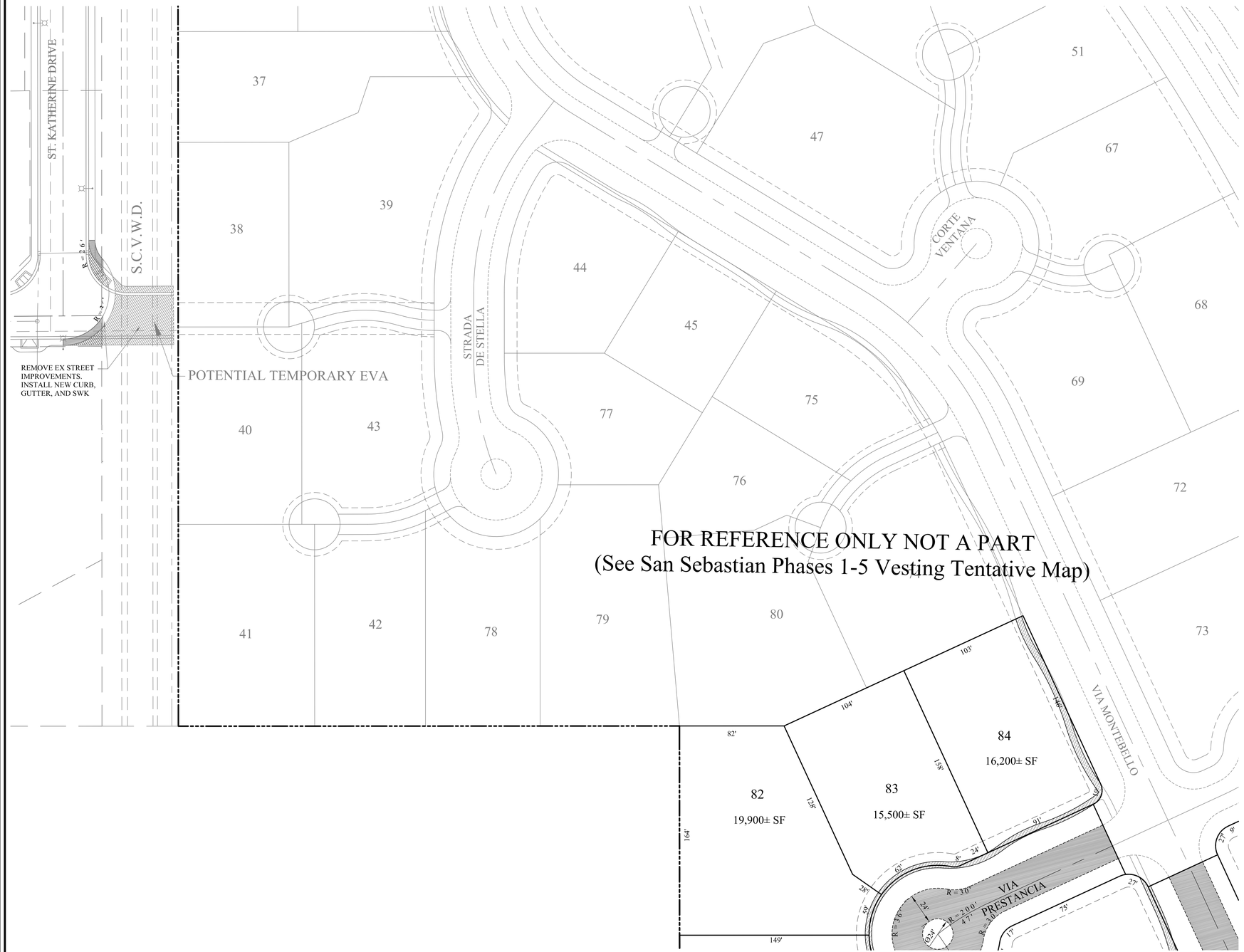

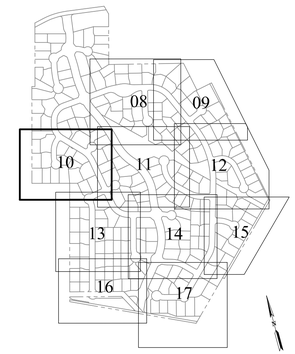

KEY MAP

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
	NEW PAVEMENT	

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TENTATIVE MAP & PD PARCKAGE
SITE DEVELOPMENT PLAN

SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE 1"=40'
DATE JUNE 2012

DATE	BY	CK

SHEET REVISIONS

SHEET 10 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 8:16AM
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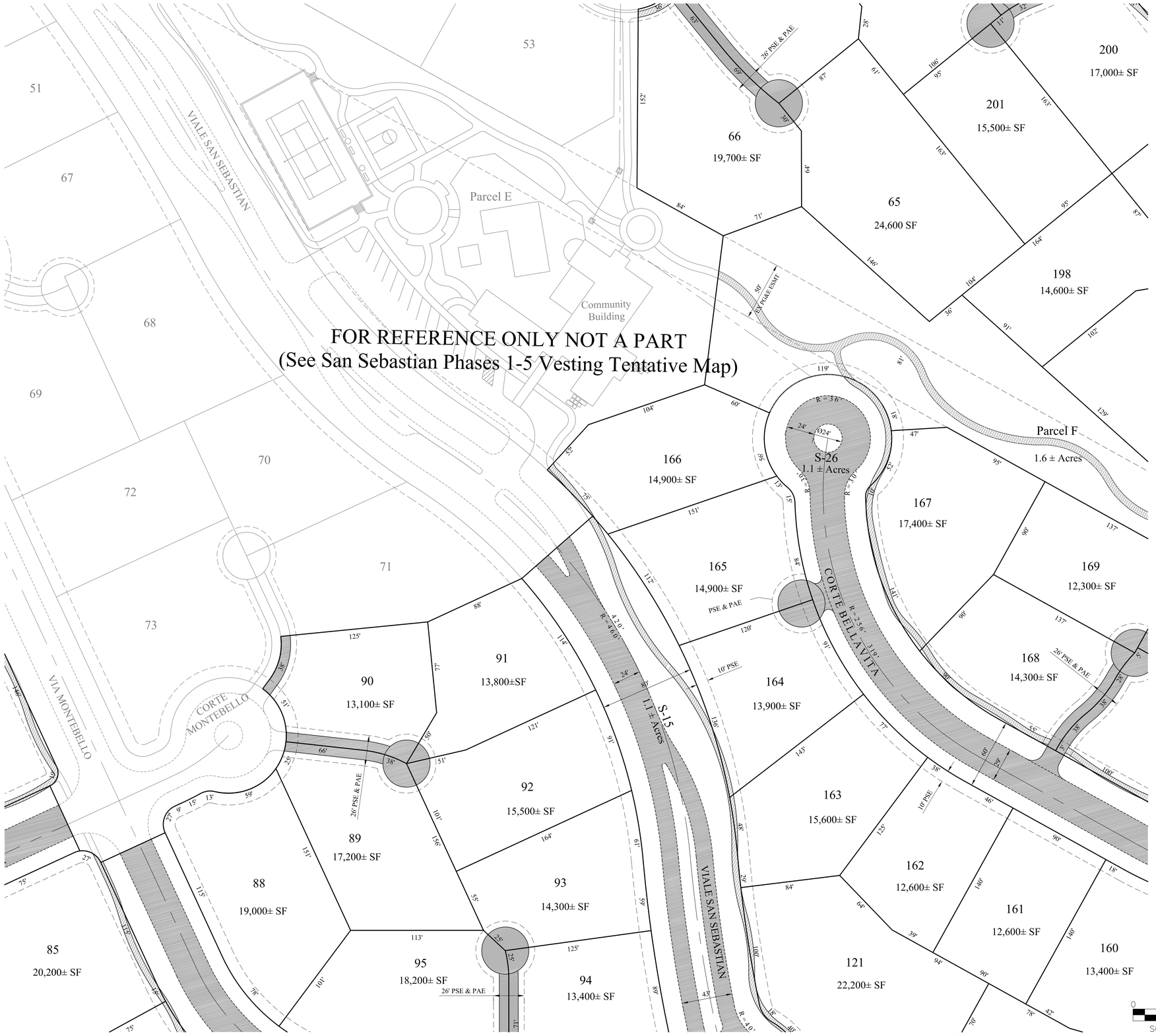
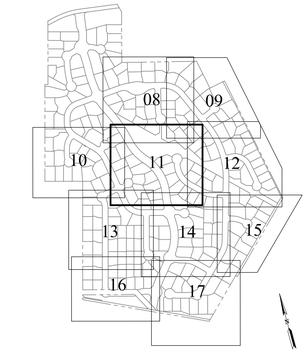
SEE SHEET 08



SEE SHEET 12

SEE SHEET 13

SEE SHEET 14



KEY MAP

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
	NEW PAVEMENT	

0 40 80 120

SCALE IN FEET: 1"= 40'

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TENTATIVE MAP & PD PARCKAGE
SITE DEVELOPMENT PLAN

SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=40'	JUNE 2012

DATE	BY	CK

SHEET REVISIONS

SHEET 11 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 8:21AM
DRAWING: SITE DEVELOPMENT PLAN.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

SEE SHEET 09

SEE SHEET 11

SEE SHEET 14

SEE SHEET 15

S-29
0.6 ± Acres

S-27
0.6 ± Acres

S-28
0.7 ± Acres

BELLA CORSA

PROMINENCE

CORTE BELLAVITA

COYOTE ROAD

Parcel F
1.6 ± Acres

Parcel G
0.8 ± Acres

Parcel I
0.3 ± Acres

200
17,000± SF

201
15,500± SF

199
13,200± SF

198
14,600± SF

197
16,100± SF

196
16,700± SF

186
17,000± SF

189
20,200± SF

184
10,500± SF

183
12,700± SF

187
19,200± SF

188
16,500± SF

182
13,200± SF

181
12,000± SF

180
10,700± SF

174
16,600± SF

173
10,200± SF

175
20,100± SF

179
11,100± SF

178
10,900± SF

177
12,600± SF

176
20,800± SF

169
12,300± SF

170
10,400± SF

168
14,300± SF

171
16,700± SF

172
17,400± SF

161
12,600± SF

160
13,400± SF

159
11,300± SF

158
12,800± SF

152
21,900± SF

151
15,400± SF

149
13,300± SF

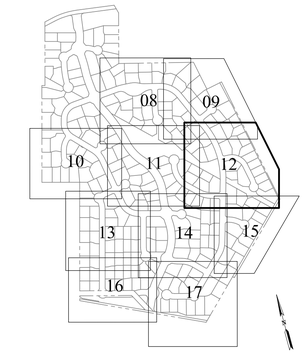
10' PSE

20' PSE & PAE

20' EVA

50' EX'PG&E ESMT

KEY MAP



SCALE IN FEET: 1"= 40'

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
	NEW PAVEMENT	

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TENTATIVE MAP & PD PARCKAGE
SITE DEVELOPMENT PLAN
SAN SEBASTIAN PHASES 6-16
MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=40'	JUNE 2012

DATE	BY	CK
SHEET REVISIONS		

SHEET 12 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 8:26AM
DRAWING: SITE DEVELOPMENT PLAN.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

SEE SHEET 10

SEE SHEET 11

SEE SHEET 14

SEE SHEET 16

VIA PRESTANCIA

S-17 0.6 ± Acres

S-18 0.5 ± Acres

S-16 0.8 ± Acres

S-19 0.7 ± Acres

VIA MONTEBELLO

CORTE MONTERRA

81 14,800± SF

85 20,200± SF

88 19,000± SF

89 17,200± SF

95 18,200± SF

109 12,500± SF

108 12,400± SF

86 10,200± SF

87 19,600± SF

97 15,800± SF

110 14,800± SF

107 13,500± SF

106 12,000± SF

105 14,400± SF

104 12,000± SF

100 10,900± SF

98 13,800± SF

111 12,500± SF

114 12,500± SF

103 13,000± SF

102 12,600± SF

101 10,600± SF

99 13,200± SF

112 14,800± SF

113 13,500± SF

232 14,400± SF

234 12,000± SF

236 10,900± SF

237 14,800± SF

230 12,500± SF

231 12,500± SF

19,400± SF

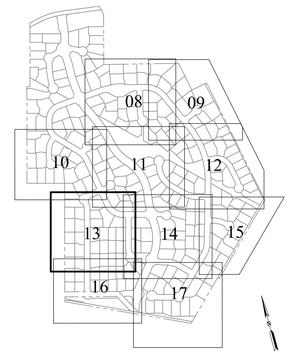
26' PSE & PAE

20' PSE & PAE

10' PSE

15' EX PG&E ESMT TO BE ABANDONED

20' EVA



KEY MAP

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PHONE: (408) 846-0300 FAX: (408) 846-0302

TENTATIVE MAP & PD PARCKAGE
SITE DEVELOPMENT PLAN
SAN SEBASTIAN PHASES 6-16
MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE 1"=40'

DATE JUNE 2012

DATE	BY	CK

SHEET REVISIONS

LEGEND

DESCRIPTION	PROPOSED	EXISTING
BOUNDARY		
CENTERLINE		
LOT LINE		
RIGHT-OF-WAY		
EASEMENT		
EDGE OF PAVEMENT		
FACE OF CURB		
TRAIL		
NEW PAVEMENT		

0 40 80 120

SCALE IN FEET: 1"= 40'

SHEET 13 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 8:32AM
DRAWING: SITE DEVELOPMENT PLAN.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

SEE SHEET 11

SEE SHEET 12

SEE SHEET 13

SEE SHEET 15

SEE SHEET 17

93
14,300± SF

95
18,200± SF

94
13,400± SF

96
20,800± SF

119
12,200± SF

120
16,700± SF

117
13,500± SF

118
13,500± SF

Parcel L
0.3 ± Acres

116
12,700± SF

19,400± SF

115

121
22,200± SF

162
12,600± SF

161
12,600± SF

160
13,400± SF

159
11,300± SF

158
12,800± SF

122
16,300± SF

157
12,900± SF

156
14,200± SF

125
21,800± SF

123
15,800± SF

155
10,800± SF

154
12,600± SF

126
14,600± SF

124
10,700± SF

127
14,000± SF

128
11,000± SF

136
11,600± SF

137
15,500± SF

129
18,200± SF

130
13,100± SF

135
14,800± SF

134
14,300± SF

141
20,600± SF

131
16,700± SF

132
16,900± SF

133
13,400± SF

138
18,600± SF

VIALE SAN SEBASTIAN

CORTE BELLAVITA

BELLA CORSA

CORTE MONTERRA

VIA MONTEBELLO

LA TERAZZA

VIA BIELLA

S-19
0.7 ± Acres

S-20
1.0 ± Acres

S-21
0.2 ± Acres

S-22
0.5 ± Acres

S-23
0.7 ± Acres

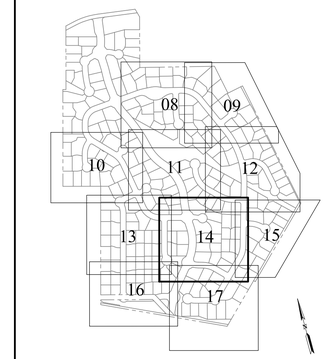
S-24
1.0 ± Acres

10' PSE

26' PSE & PAE

20' PSE & PAE

15' EX PG&E ESMT TO BE ABANDONED



KEY MAP

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
	NEW PAVEMENT	

0 40 80 120

SCALE IN FEET: 1"= 40'

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TENTATIVE MAP & PD PARCKAGE
SITE DEVELOPMENT PLAN
SAN SEBASTIAN PHASES 6-16
MORGAN HILL, CALIFORNIA
FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=40'	JUNE 2012

DATE	BY	SHEET REVISIONS
	CK	
	MK	

SHEET 14 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 8:37AM
DRAWING: SITE DEVELOPMENT PLAN_DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

SEE SHEET 12

SEE SHEET 14

SEE SHEET 17

152
21,900± SF

151
15,400± SF

176
20,800± SF

158
12,800± SF

149
13,300± SF

153
24,800 SF

150
15,600± SF

148
15,000± SF

157
12,900± SF

147
12,700± SF

154
12,600± SF

145
23,600± SF

146
25,300± SF

142
12,000± SF

144
15,200± SF

137
15,500± SF

143
16,300± SF

141
20,600± SF

140
16,400± SF

138
18,600± SF

139
20,200± SF

BELLA CORSA

CORTE PALMINA

S-24
1.0 ± Acres

S-25
0.4 ± Acres

Parcel G
0.8 ± Acres

Parcel I
0.3 ± Acres

Parcel J
0.3 ± Acres

Parcel K
0.1 ± Acres

COYOTE ROAD

HALF ROAD

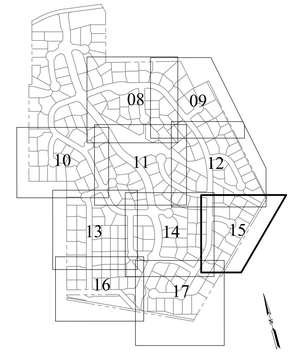
10' PSE

26' PSE & PAE

20' EVA

50' EX PG&E ESMT

15' EX PG&E ESMT TO BE ABANDONED



KEY MAP

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
	NEW PAVEMENT	

0 40 80 120

SCALE IN FEET: 1"= 40'

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TENTATIVE MAP & PD PARCKAGE
SITE DEVELOPMENT PLAN
SAN SEBASTIAN PHASES 6-16
MORGAN HILL, CALIFORNIA
FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE 1"=40'
DATE JUNE 2012

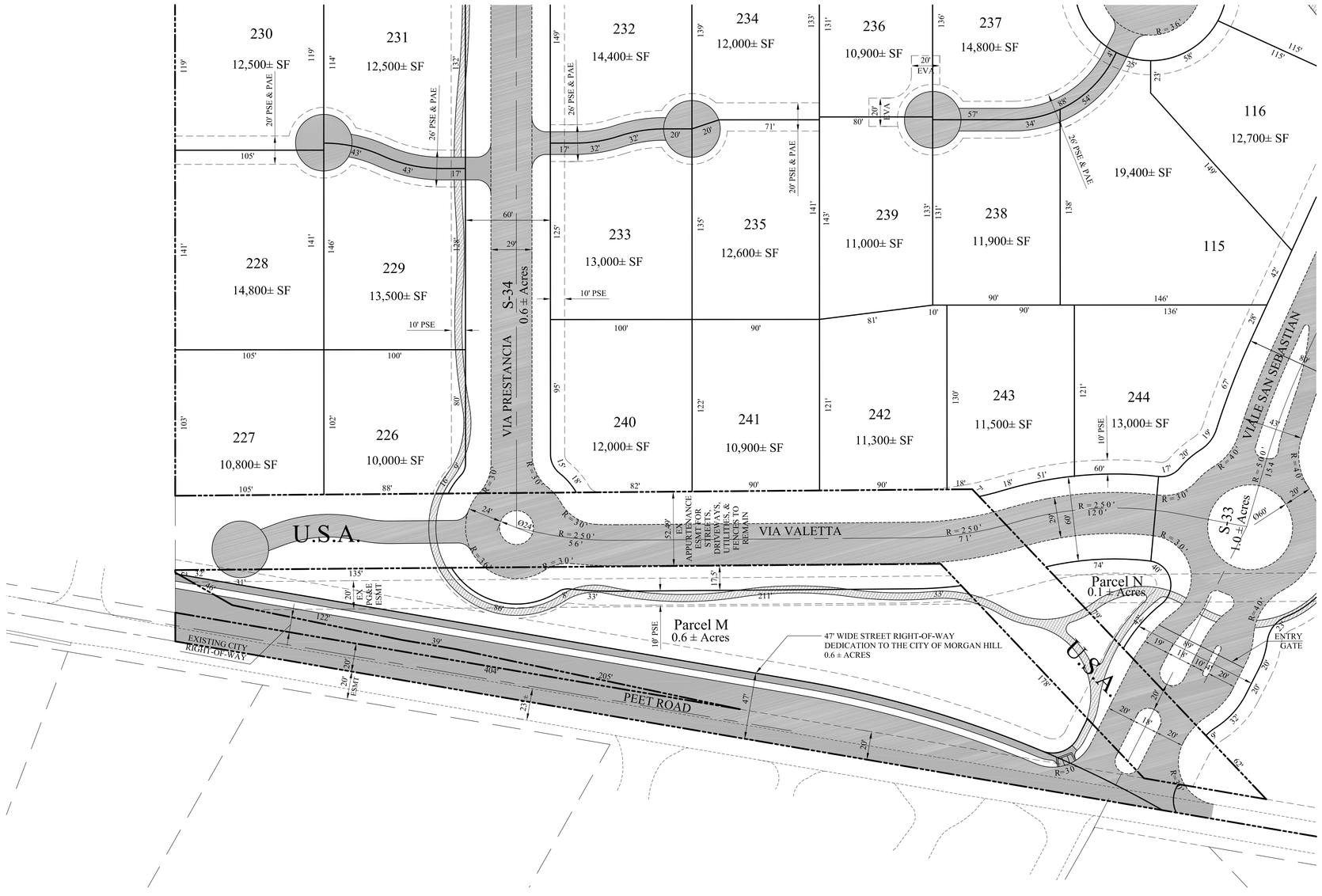
DATE	BY	CK	SHEET REVISIONS

SHEET 15 OF 43 SHEETS

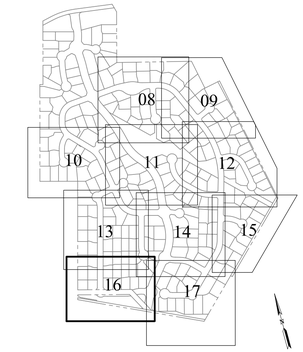
JOB NO. 092030

DATE: 02/22/2012 TIME: 8:41AM
DRAWING: SITE DEVELOPMENT PLAN.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

SEE SHEET 13



SEE SHEET 17



KEY MAP

NOTES

1. SEE SHEET 03 FOR PEET ROAD/VIALE SAN SEBASTIAN INTERSECTION SITE DISTANCE ANALYSIS.

0 40 80 120

SCALE IN FEET: 1"= 40'

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
	NEW PAVEMENT	

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TENTATIVE MAP & PD PARCKAGE
SITE DEVELOPMENT PLAN
SAN SEBASTIAN PHASES 6-16
MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
AS SHOWN	JUNE 2012

DATE	BY	CK
SHEET REVISIONS		
MK		

SHEET 16 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 8:46AM
DRAWING: SITE DEVELOPMENT PLAN.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

SEE SHEET 14

SEE SHEET 15

SEE SHEET 16

116
12,700± SF

115

131
16,700± SF

132
16,900± SF

133
13,400± SF

138
18,600± SF

139
20,200± SF

224
19,100± SF

222
15,600± SF

221
10,200± SF

220
14,900± SF

215
23,700± SF

214
16,800± SF

216
23,100± SF

225
12,300± SF

223
11,800± SF

219
13,700± SF

218
15,200± SF

217
18,200± SF

S-22
0.5 ± Acres

S-23
0.7 ± Acres

S-32
0.8 ± Acres

S-33
1.0 ± Acres

Parcel O
1.0 ± Acres

VIA BIELLA

VIALE SAN SEBASTIAN

BELLA CORSA

CORTE BELLA

HALF ROAD

PEET ROAD

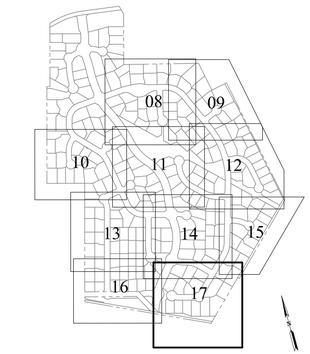
ENTRY GATE

10' PSE

26' PSE & PAE

20' TC&E ESMT

EX 20' STREET EASEMENT



KEY MAP

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8055 CAMINO ARROYO GILROY, CA 95020
PHONE: (408) 846-0300 FAX: (408) 846-0302

TENTATIVE MAP & PD PARCKAGE
SITE DEVELOPMENT PLAN
SAN SEBASTIAN PHASES 6-16
MORGAN HILL, CALIFORNIA
FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE 1"=40'
DATE JUNE 2012

DATE	BY	CK
MK		

SHEET REVISIONS

SHEET 17 OF 43 SHEETS

JOB NO. 092030

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
	NEW PAVEMENT	

0 40 80 120
SCALE IN FEET: 1"= 40'

DATE: 02/22/2012 TIME: 8:50AM
DRAWING: SITE DEVELOPLENT PLAN.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

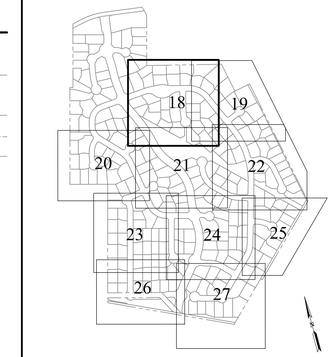
FOR REFERENCE ONLY NOT A PART
(See San Sebastian Phases 1-5 Vesting Tentative Map)

SEE SHEET 19

SEE SHEET 21

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	



KEY MAP

SETBACKS
SINGLE-FAMILY DETACHED LOTS

Primary Structure	Minimum	Target
Front		
Living		
to Street (right-of-way)	13 Feet	25 Feet
to Enclave (back-of-curb)	10 Feet	20 Feet
to Interior lot line	10 Feet	15 Feet
Face of Garage [1]		
to Street (right-of-way)	20 Feet	25 Feet
to Enclave/Common Drive (back-of-curb)	20 Feet	25 Feet
Side of Garage		
to Street (right-of-way)	10 Feet	15 Feet
to Enclave (back-of-curb)	5 Feet	15 Feet
to Interior lot line	10 Feet	25 Feet
Side		
Living		
to Street (right-of-way)	13 Feet	25 Feet
to Enclave (back-of-curb)	10 Feet	15 Feet
to Interior lot line	10 Feet	15 Feet
Face of Garage [1]		
to Street (right-of-way)	20 Feet	25 Feet
to Enclave (back-of-curb)	20 Feet	25 Feet
to Interior lot line	20 Feet	25 Feet
Side of Garage		
to Street (right-of-way)	10 Feet	20 Feet
to Enclave (back-of-curb)	10 Feet	15 Feet
to Interior lot line	5 Feet	15 Feet
Rear		
Living		
to Street (right-of-way)	15 Feet	25 Feet
to Enclave (back-of-curb)	15 Feet	25 Feet
to Interior lot line	15 Feet	25 Feet

Secondary/Accessory Structure	Minimum	Target
Living		
to Street (right-of-way) [2]	10 Feet	25 Feet
to Enclave (back-of-curb) [2]	5 Feet	15 Feet
to Interior lot line	5 Feet	15 Feet
to Primary Structure	6 Feet	10 Feet
to Secondary Structure	10 Feet	10 Feet

Notes:

1. Architectural projections such as media nooks, fireplaces, staircases, and porches can encroach into the minimum setbacks by up to 3 feet.
2. When an accessory structure includes a garage, the minimum distance from face-of-garage to street right-of-way or enclave back-of-curb is 20 feet.
3. Minimum setbacks represent deviations from the base zoning district. (R1-12,000)
4. Front setbacks for lots 226, 227, and 240-242 maybe further reduced due to their proximity to existing U.S.A. Parcel. Minimum distance from face of garage to street/enclave shall be 20 feet.
5. On lots 1-225, 228-239, 243, and 244, front setbacks from garage to street, enclave, or interior lot line may be reduced provided that a 20 foot by 20 foot paved driveway area is maintained from face of garage to street/enclave.

0 40 80 120
SCALE IN FEET: 1"= 40'

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8055 CAMINO ARROYO GILROY, CA 95020
PHONE (408) 846-0300 FAX (408) 846-0302

TENTATIVE MAP & PD PARCKAGE
SITE UTILIZATION PLAN

SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=40'	JUNE 2012

SHEET REVISIONS	BY	CK
DATE	MK	

SHEET
18
OF 43 SHEETS

JOB NO.
092030

DATE: 02/22/2012 TIME: 9:28AM
DRAWING: SITE UTILIZATION PLAN.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

SEE SHEET 18

SEE SHEET 21

SEE SHEET 22

BELLA CORSA

CORTE BIANCO

COYOTE ROAD

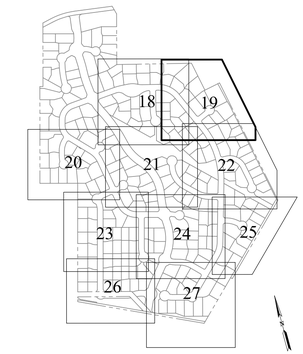
Parcel H

Parcel I

211 210 208 209 207 206 194 195 193 204 203 202 64 200 201 192 191 190 185 186 184 189 183

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	



KEY MAP

0 40 80 120

SCALE IN FEET: 1"= 40'

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TENTATIVE MAP & PD PARCKAGE
SITE UTILIZATION PLAN

SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=40'	JUNE 2012

DATE	MK	SHEET REVISIONS	BY	CK

SHEET 19 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012
TIME: 9:32AM
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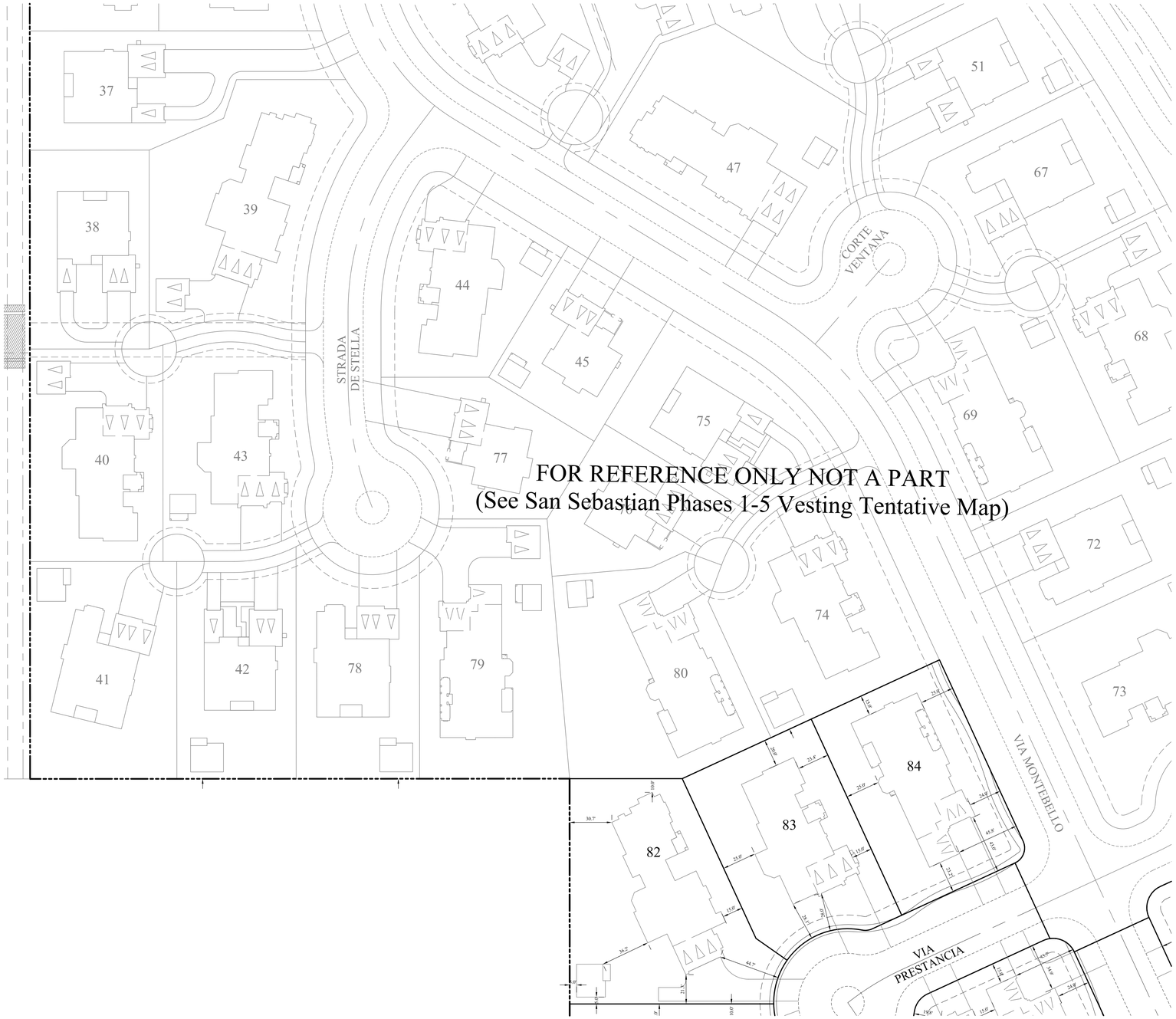
PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

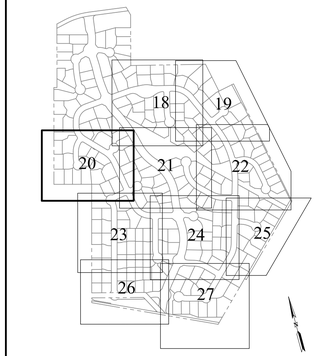


FOR REFERENCE ONLY NOT A PART
(See San Sebastian Phases 1-5 Vesting Tentative Map)

SEE SHEET 23

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	



KEY MAP

SETBACKS
SINGLE-FAMILY DETACHED LOTS

Primary Structure	Minimum	Target
Front		
Living		
to Street (right-of-way)	13 Feet	25 Feet
to Enclave (back-of-curb)	10 Feet	20 Feet
to Interior lot line	10 Feet	15 Feet
Face of Garage (1)		
to Street (right-of-way)	20 Feet	25 Feet
to Enclave/Common Drive (back-of-curb)	20 Feet	25 Feet
Side of Garage		
to Street (right-of-way)	10 Feet	15 Feet
to Enclave (back-of-curb)	5 Feet	15 Feet
to Interior lot line	10 Feet	25 Feet
Side		
Living		
to Street (right-of-way)	13 Feet	25 Feet
to Enclave (back-of-curb)	10 Feet	15 Feet
to Interior lot line	10 Feet	15 Feet
Face of Garage (1)		
to Street (right-of-way)	20 Feet	25 Feet
to Enclave (back-of-curb)	20 Feet	25 Feet
to Interior lot line	20 Feet	25 Feet
Side of Garage		
to Street (right-of-way)	10 Feet	20 Feet
to Enclave (back-of-curb)	10 Feet	15 Feet
to Interior lot line	5 Feet	15 Feet
Rear		
Living		
to Street (right-of-way)	15 Feet	25 Feet
to Enclave (back-of-curb)	15 Feet	25 Feet
to Interior lot line	15 Feet	25 Feet

Secondary/Accessory Structure	Minimum	Target
Living		
to Street (right-of-way) (2)	10 Feet	25 Feet
to Enclave (back-of-curb) (2)	5 Feet	15 Feet
to Interior lot line	5 Feet	15 Feet
to Primary Structure	6 Feet	10 Feet
to Secondary Structure	10 Feet	10 Feet

Notes:

1. Architectural projections such as media nooks, fireplaces, staircases, and porches can encroach into the minimum setbacks by up to 3 feet.
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0 40 80 120
SCALE IN FEET: 1"= 40'

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TENTATIVE MAP & PD PARCKAGE
SITE UTILIZATION PLAN

SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

DATE	MK	SHEET REVISIONS	BY	CK

SCALE 1"=40'
DATE JUNE 2012

SHEET 20 OF 43 SHEETS

JOB NO. 092030

DATE: 06/23/2011 TIME: 3:47PM
DRAWING: 12 LOTTING PLAN.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\PD PACKAGE-2011-06-30\

SEE SHEET 18

SEE SHEET 22

FOR REFERENCE ONLY NOT A PART
(See San Sebastian Phases 1-5 Vesting Tentative Map)

Parcel E

Parcel F

Community Building

VIALE SAN SEBASTIAN

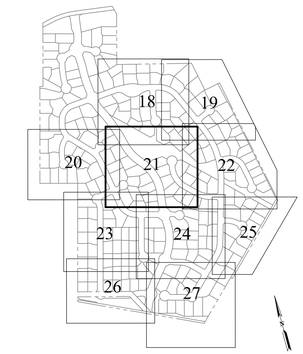
CORTE BELLAVITA

VIA MONTEBELLO

CORTE MONTEBELLO

SEE SHEET 23

SEE SHEET 24



KEY MAP

0 40 80 120

SCALE IN FEET: 1"= 40'

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TENTATIVE MAP & PD PARCKAGE
SITE UTILIZATION PLAN

SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=40'	JUNE 2012

DATE	MK	SHEET REVISIONS	BY	CK

SHEET
21
OF 43 SHEETS

JOB NO.
092030

DATE: 02/22/2012 TIME: 9:47AM
DRAWING: SITE UTILIZATION PLAN.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

SEE SHEET 19

SEE SHEET 21

SEE SHEET 24

SEE SHEET 25

BELLA CORSA

CORTE BELLAVITA

PROMINENCE

COYOTE ROAD

Parcel F

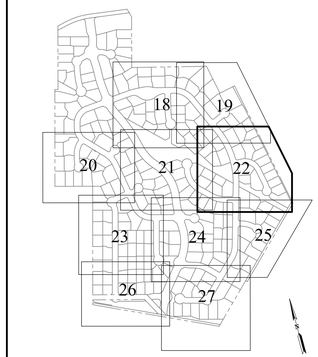
Parcel G

Parcel I

200 201 199 198 197 196 189 186 184 183 187 188 182 181 180 179 178 177 176 175 174 173 172 171 170 169 168 161 160 159 158 152 151 149

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	



KEY MAP

SETBACKS

SINGLE-FAMILY DETACHED LOTS

Primary Structure	Minimum	Target
Front		
Living		
to Street (right-of-way)	13 Feet	25 Feet
to Enclave (back-of-curb)	10 Feet	20 Feet
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Side of Garage		
to Street (right-of-way)	10 Feet	15 Feet
to Enclave (back-of-curb)	5 Feet	15 Feet
to Interior lot line	10 Feet	25 Feet
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Living		
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to Street (right-of-way)	10 Feet	20 Feet
to Enclave (back-of-curb)	10 Feet	15 Feet
to Interior lot line	5 Feet	15 Feet
Rear		
Living		
to Street (right-of-way)	15 Feet	25 Feet
to Enclave (back-of-curb)	15 Feet	25 Feet
to Interior lot line	15 Feet	25 Feet

Secondary/Accessory Structure	Minimum	Target
Living		
to Street (right-of-way) (2)	10 Feet	25 Feet
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to Interior lot line	5 Feet	15 Feet
to Primary Structure	6 Feet	10 Feet
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Notes:

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N

0 40 80 120

SCALE IN FEET: 1"= 40'

RUGGERI-JENSEN-AZAR
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PHONE (408) 846-0300 FAX (408) 846-0302

TENTATIVE MAP & PD PARCKAGE
SITE UTILIZATION PLAN
SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

DATE	BY	SHEET REVISIONS	BY	CK
	MK			

SCALE: 1"=40'

DATE: JUNE 2012

SHEET 22 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 9:50AM
DRAWING: SITE UTILIZATION PLAN.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

SEE SHEET 20

SEE SHEET 21

VIA PRESTANCIA

VIA MONTEBELLO

CORTE MONTERRA

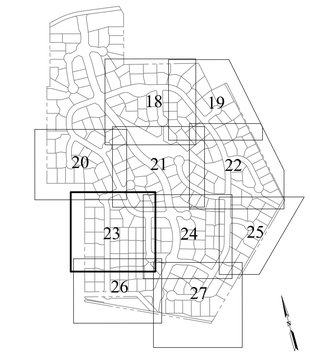
SEE SHEET 24

SEE SHEET 26

81 85 88 89 95 86 87 97 106 109 108 110 107 105 104 100 98 103 102 101 99 111 114 112 113 232 234 236 237 230 231 115

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	



KEY MAP

0 40 80 120

SCALE IN FEET: 1"= 40'

RUGGERI-JENSEN-AZAR
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8055 CAMINO ARROYO GILROY, CA 95020
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TENTATIVE MAP & PD PARCKAGE
SITE UTILIZATION PLAN
SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=40'	JUNE 2012

DATE	MK	SHEET REVISIONS	BY	CK

SHEET 23 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 9:53AM
DRAWING: SITE UTILIZATION PLAN.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

SEE SHEET 21

SEE SHEET 22

SEE SHEET 23

SEE SHEET 25

SEE SHEET 27

VIALE SAN SEBASTIAN

CORTE BELLAVITA

VIA MONTEBELLO

LA TERAZZA

CORTE MONTERRA

Parcel L

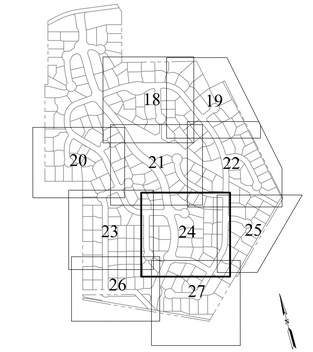
VIA BIELLA

VIA BIELLA

93 95 94 162 161 121 160 159 158 122 156 157 125 123 155 154 126 124 136 137 127 128 129 130 135 134 119 120 117 118 116 115 131 132 133 138

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	



KEY MAP

0 40 80 120

SCALE IN FEET: 1"= 40'

RUGGERI-JENSEN-AZAR
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TENTATIVE MAP & PD PARCKAGE
SITE UTILIZATION PLAN

SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=40'	JUNE 2012

DATE	BY	CK

SHEET REVISIONS

SHEET 24 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 9:57AM
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SEE SHEET 22

SEE SHEET 24

SEE SHEET 27

BELLA CORSA

CORTE PALMINA

COYOTE ROAD

HALF ROAD

Parcel G

Parcel I

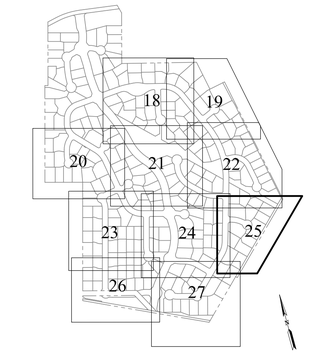
Parcel J

Parcel K

138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 157 158 176

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	



KEY MAP

0 40 80 120

SCALE IN FEET: 1"= 40'

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TENTATIVE MAP & PD PARCKAGE
SITE UTILIZATION PLAN

SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

DATE	BY	CK	SHEET REVISIONS

SCALE 1"=40'

DATE JUNE 2012

SHEET 25 OF 43 SHEETS

JOB NO. 092030

DATE: 06/23/2011 TIME: 4:04PM
DRAWING: 17 LOTTING PLAN.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\PD PACKAGE-2011-06-30\

SEE SHEET 23

SEE SHEET 27

VIA PRESTANCIA

VIALE SAN SEBASTIAN

VIA VALETTA

PEET ROAD

U.S.A.

Parcel M

Parcel N

R=40'

R=30'

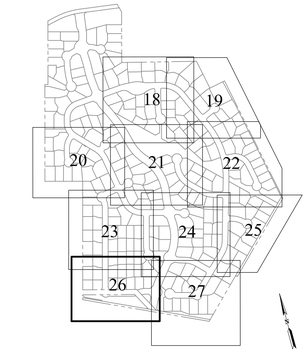
R=30'

R=30'

230 231 232 233 234 235 236 237 238 239 115 116 240 241 242 243 244 226 227 228 229

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	



KEY MAP

0 40 80 120

SCALE IN FEET: 1"= 40'

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SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=40'	JUNE 2012

DATE	MK	SHEET REVISIONS	BY	CK

SHEET
26
OF 43 SHEETS

JOB NO.
092030

DATE: 02/22/2012 TIME: 10:05AM
DRAWING: SITE UTILIZATION PLAN.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

SEE SHEET 24

SEE SHEET 25

SEE SHEET 26

VIA BIELLA

BELLA CORSA

CORTE BELLA

HALF ROAD

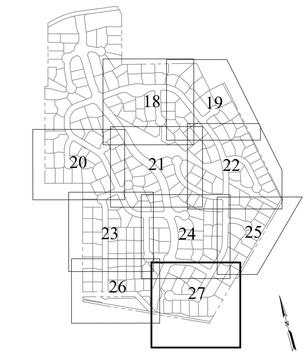
PEET ROAD

Parcel O

131 132 133 220 221 222 224 138 139 215 214 225 223 219 218 217 216

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	



KEY MAP

0 40 80 120

SCALE IN FEET: 1"= 40'

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SITE UTILIZATION PLAN

SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

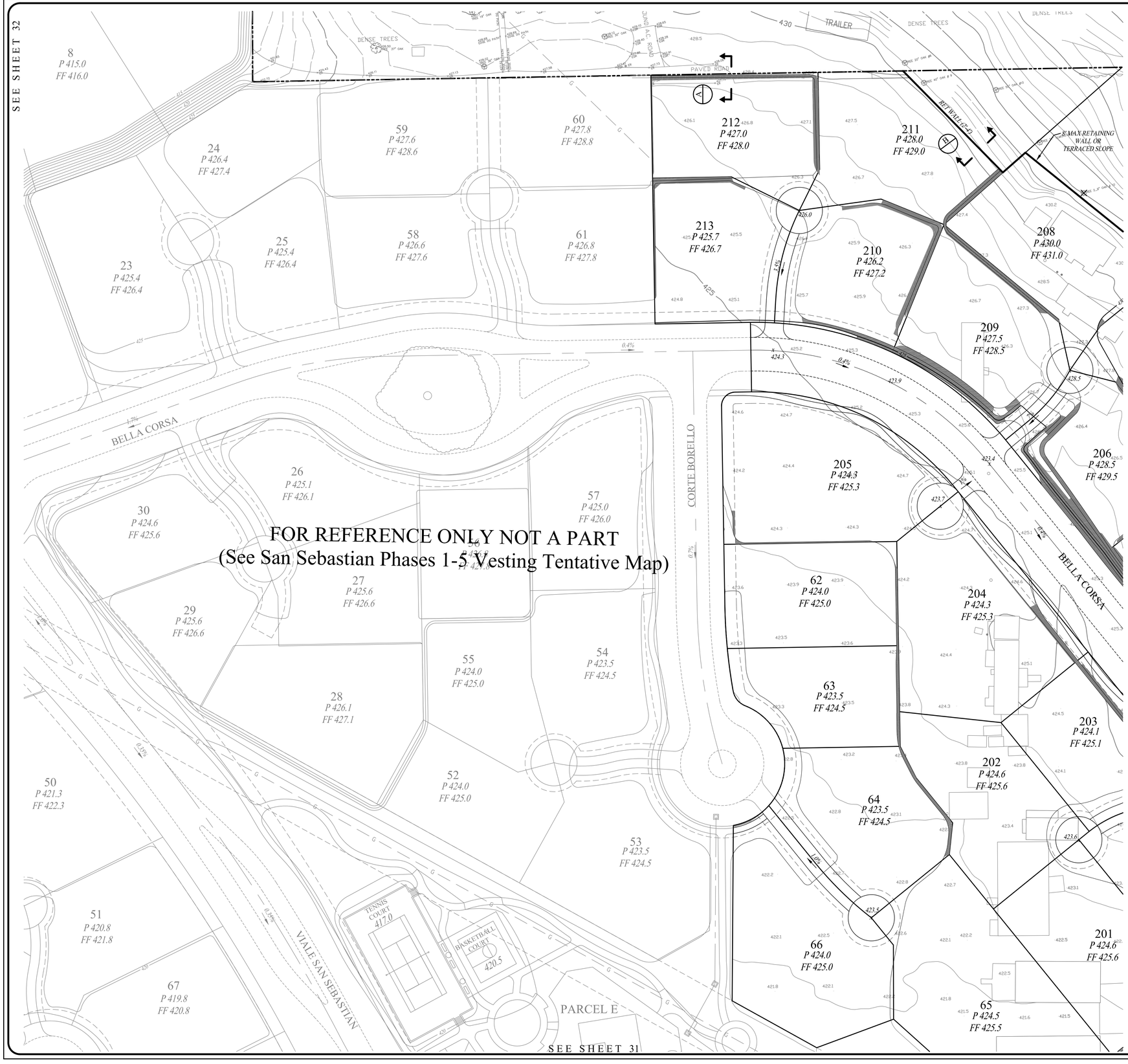
SCALE	DATE
1"=40'	JUNE 2012

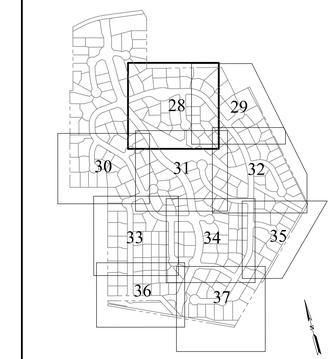
DATE	MK	SHEET REVISIONS	BY	CK

SHEET 27 OF 43 SHEETS

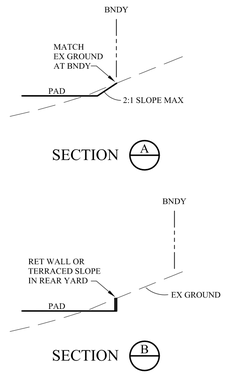
JOB NO. 092030

DATE: 02/22/2012 TIME: 10:09AM
DRAWING: SITE UTILIZATION PLAN.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\





KEY MAP



GRADING SECTIONS

NO SCALE

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
415	CONTOUR	415
x409.6	SPOT ELEVATION	× 412.5
0.5%	SLOPE	
	TREE TO BE REMOVED	
	20% SLOPE AREA	

0 40 80 120
SCALE IN FEET: 1"= 40'

RUGGERI-JENSEN-AZAR
ENGINEERS • PLANNERS • SURVEYORS
8055 CAMINO ARROYO GILROY, CA 95020
PHONE: (408) 848-3300 FAX: (408) 848-3302

TENTATIVE MAP & PD PARCKAGE
CONCEPTUAL GRADING PLAN
SAN SEBASTIAN PHASES 6-16
MORGAN HILL, CALIFORNIA
FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

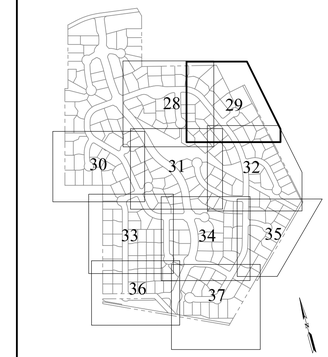
SCALE	DATE
1"=40'	JUNE 2012

DATE	BY	CK
SHEET REVISIONS		
MK		

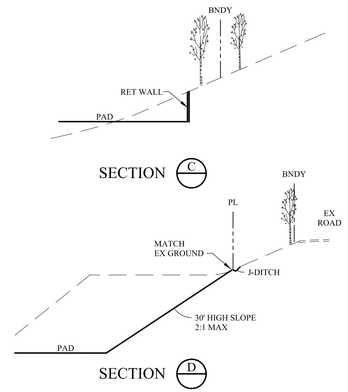
SHEET 28 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 10:42AM
DRAWING: CONCEPTUAL GRADING PLAN DRAWING W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\



KEY MAP



GRADING SECTIONS

NO SCALE

0 40 80 120

SCALE IN FEET: 1"= 40'

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
415	CONTOUR	415
x 409.6	SPOT ELEVATION	× 412.5
0.5%	SLOPE	
	TREE TO BE REMOVED	
	20% SLOPE AREA	

RUGGERI-JENSEN-AZAR
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PHONE (408) 848-3300 FAX (408) 848-0302

TENTATIVE MAP & PD PARCKAGE
CONCEPTUAL GRADING PLAN
SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MHL GENERAL PARTNERSHIP

DATE	BY	SHEET REVISIONS	BY	CK
	MK			

SCALE: 1"=40'

DATE: JUNE 2012

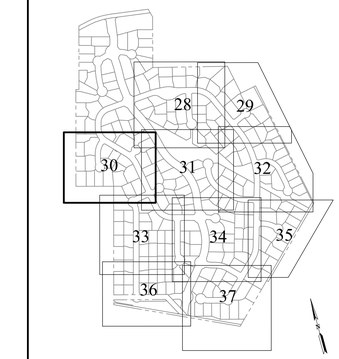
SHEET 29 OF 43 SHEETS

JOB NO. 092030

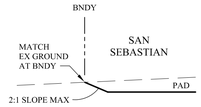
DATE: 02/22/2012 TIME: 10:47AM
DRAWING: CONCEPTUAL GRADING PLAN.DWG W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

FOR REFERENCE ONLY NOT A PART
(See San Sebastian Phases 1-5 Vesting Tentative Map)

SEE SHEET 33



KEY MAP



SECTION F

GRADING SECTIONS

NO SCALE

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
415	CONTOUR	415
× 409.6	SPOT ELEVATION	× 412.5
0.5%	SLOPE	
	TREE TO BE REMOVED	
	20% SLOPE AREA	

0 40 80 120

SCALE IN FEET: 1"= 40'

RUGGERI-JENSEN-AZAR
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TENTATIVE MAP & PD PARCKAGE
CONCEPTUAL GRADING PLAN
SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=40'	JUNE 2012

DATE	BY	CK	SHEET REVISIONS

SHEET 30 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 10:50AM
DRAWING: CONCEPTUAL GRADING PLAN W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

SEE SHEET 28

FOR REFERENCE ONLY NOT A PART
(See San Sebastian Phases 1-5 Vesting Tentative Map)

SEE SHEET 32

SEE SHEET 30

SEE SHEET 33

SEE SHEET 34

VIALE SAN SEBASTIAN

VIA MONTEBELLO

CORTE MONTEBELLO

CORTE BELLAVITA

PARCEL E

TENNIS COURT 417.0

BASKETBALL COURT 420.5

COMMUNITY BUILDING 421.5

ORCHARD

53 P 423.5 FF 424.5

66 P 424.0 FF 425.0

200 P 423.4 FF 424.4

201 P 424.6 FF 425.6

65 P 424.5 FF 425.5

198 P 423.1 FF 424.1

67 P 419.8 FF 420.8

68 P 420.8 FF 421.8

69 P 418.8 FF 419.8

70 P 419.2 FF 420.2

72 P 418.6 FF 419.6

71 P 418.6 FF 419.6

73 P 418.2 FF 419.2

166 P 420.5 FF 421.5

167 P 419.8 FF 420.8

169 P 420.0 FF 421.0

165 P 420.0 FF 421.0

91 P 419.4 FF 420.4

90 P 418.2 FF 419.2

92 P 419.0 FF 420.0

164 P 419.8 FF 420.8

168 P 419.0 FF 420.0

163 P 419.4 FF 420.4

162 P 419.0 FF 420.0

161 P 418.6 FF 419.6

160 P 418.2 FF 419.2

89 P 418.4 FF 419.4

88 P 417.0 FF 418.0

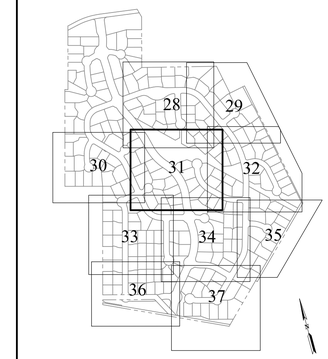
93 P 416.8 FF 417.8

85 P 416.0 FF 417.0

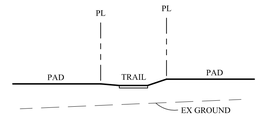
95 P 416.2 FF 417.2

94 P 415.8 FF 416.8

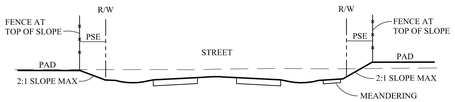
121 P 416.5 FF 417.5



KEY MAP



SECTION G



SECTION H

GRADING SECTIONS

NO SCALE

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
415	CONTOUR	415
x 409.6	SPOT ELEVATION	× 412.5
0.5%	SLOPE	
	TREE TO BE REMOVED	
	20% SLOPE AREA	

0 40 80 120
SCALE IN FEET: 1"= 40'

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PHONE: (408) 846-0300 FAX: (408) 846-0302

TENTATIVE MAP & PD PARCKAGE
CONCEPTUAL GRADING PLAN
SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

DATE	BY	CK	SHEET REVISIONS

SCALE 1"=40'

DATE JUNE 2012

SHEET 31 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 10:54AM
DRAWING: CONCEPTUAL GRADING PLAN DWG W:\JOBS 09\092030\DRAWINGS\PRELIM TM & PD PACKAGE-2012-02-24

SEE SHEET 29

SEE SHEET 31

SEE SHEET 34

SEE SHEET 35

BELLA CORSA

PROMINENCE

CORTE BELLAVITA

COYOTE RD

DENSE TREES

186
P 431.0
FF 432.0

184
P 432.0
FF 433.0

200
P 423.4
FF 424.4

201
P 424.6
FF 425.6

189
P 425.5
FF 426.5

199
P 422.6
FF 423.6

183
P 426.0
FF 427.0

198
P 423.1
FF 424.1

187
P 424.0
FF 425.0

188
P 422.0
FF 423.0

182
P 424.0
FF 425.0

196
P 421.9
FF 422.9

197
P 423.1
FF 424.1

181
P 422.5
FF 423.5

180
P 422.0
FF 423.0

174
P 421.0
FF 422.0

169
P 420.0
FF 421.0

173
P 420.5
FF 421.5

179
P 421.6
FF 422.6

175
P 422.5
FF 423.5

178
P 421.2
FF 422.2

168
P 419.0
FF 420.0

170
P 420.0
FF 421.0

172
P 418.5
FF 419.5

171
P 418.8
FF 419.8

177
P 421.2
FF 422.2

152
P 419.3
FF 420.3

176
P 421.5
FF 422.5

161
P 418.6
FF 419.6

151
P 420.5
FF 421.5

160
P 418.2
FF 419.2

159
P 417.8
FF 418.8

158
P 417.5
FF 418.5

149
P 419.5
FF 420.5

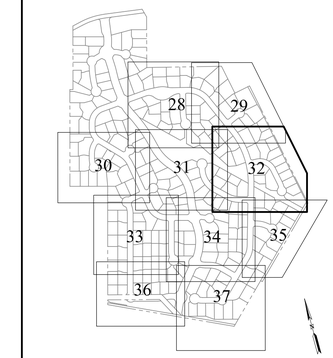
RET WALL (1')

RET WALL (1.5')

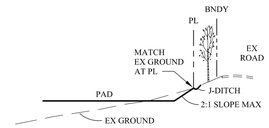
RET WALL (3.5')

20' EVA

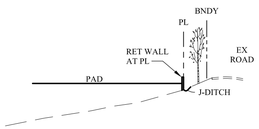
0 40 80 120
SCALE IN FEET: 1"= 40'



KEY MAP



SECTION 1



SECTION J

GRADING SECTIONS

NO SCALE

RUGGERI-JENSEN-AZAR
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8055 CAMINO ARROYO GILROY, CA 95020
PHONE (408) 848-3300 FAX (408) 848-3302

TENTATIVE MAP & PD PARCKAGE
CONCEPTUAL GRADING PLAN
SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

DATE	BY	CK	SHEET REVISIONS
MK			

SCALE 1"=40'

DATE JUNE 2012

SHEET 32 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 10:57AM
DRAWING: CONCEPTUAL GRADING PLAN DWG W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

SEE SHEET 30

SEE SHEET 31

SEE SHEET 34

SEE SHEET 36

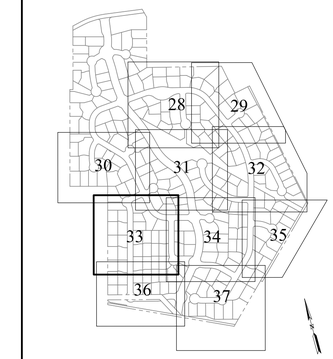
VIA PRESTANCIA

VIA MONTEBELLO

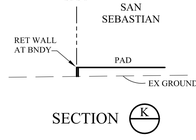
CORTE MONTERRRO

ORCHARD

81	P 414.0	FF 415.0
82	P 414.5	FF 415.5
85	P 416.0	FF 417.0
86	P 413.4	FF 414.4
87	P 416.5	FF 417.5
88	P 417.0	FF 418.0
89	P 418.4	FF 419.4
95	P 416.2	FF 417.2
97	P 415.5	FF 416.5
98	P 414.0	FF 415.0
99	P 413.8	FF 414.8
100	P 414.7	FF 415.7
101	P 414.7	FF 415.7
102	P 413.5	FF 414.5
103	P 412.4	FF 413.4
104	P 413.5	FF 414.5
105	P 412.7	FF 413.7
106	P 413.0	FF 414.0
107	P 413.2	FF 414.2
108	P 413.2	FF 414.2
109	P 414.4	FF 415.4
110	P 414.4	FF 415.4
111	P 413.5	FF 414.5
112	P 413.5	FF 414.5
113	P 412.3	FF 413.3
114	P 412.3	FF 413.3
115	P 413.4	FF 414.4
230	P 412.6	FF 413.6
231	P 411.4	FF 412.4
232	P 411.8	FF 412.8
234	P 412.6	FF 413.6
236	P 414.5	FF 415.5
237	P 413.6	FF 414.6



KEY MAP



SECTION K

GRADING SECTIONS

NO SCALE

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
415	CONTOUR	415
x 409.6	SPOT ELEVATION	× 412.5
0.5%	SLOPE	
	TREE TO BE REMOVED	
	20% SLOPE AREA	

0 40 80 120

SCALE IN FEET: 1"= 40'

RUGGERI-JENSEN-AZAR
ENGINEERS • PLANNERS • SURVEYORS
8055 CAMINO ARROYO GILROY, CA 95020
PHONE (408) 848-3300 FAX (408) 848-3302

TENTATIVE MAP & PD PARCKAGE
CONCEPTUAL GRADING PLAN
SAN SEBASTIAN PHASES 6-16
MORGAN HILL, CALIFORNIA
FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=40'	JUNE 2012

DATE	BY	CK	SHEET REVISIONS

SHEET 33 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 11:00AM
DRAWING: CONCEPTUAL GRADING PLAN W:\JOBS 09\092030\DRAWINGS\PRELIM TM & PD PACKAGE-2012-02-24\

SEE SHEET 31

SEE SHEET 32

SEE SHEET 33

SEE SHEET 35

SEE SHEET 37

VIA MONTEBELLO

CORTE MONTERRRO

CORTE BELLAVITA

VIALE SAN SEBASTIAN

LA TERRAZZA

BELLA CORSA

VIA BIELLA

ORCHARD

PARCEL L

93 P 416.8 FF 417.8

94 P 415.8 FF 416.8

95 P 416.2 FF 417.2

96 P 415.0 FF 416.0

119 P 414.0 FF 415.0

120 P 415.0 FF 416.0

117 P 413.8 FF 414.8

118 P 415.0 FF 416.0

116 P 413.0 FF 414.0

115 P 413.4 FF 414.4

121 P 416.5 FF 417.5

122 P 417.0 FF 418.0

125 P 417.0 FF 418.0

123 P 417.5 FF 418.5

126 P 418.2 FF 419.2

124 P 418.0 FF 419.0

127 P 414.2 FF 415.2

128 P 414.0 FF 415.0

129 P 413.0 FF 414.0

130 P 413.0 FF 414.0

131 P 413.0 FF 414.0

132 P 413.5 FF 414.5

133 P 414.2 FF 415.2

161 P 418.6 FF 419.6

160 P 418.2 FF 419.2

159 P 417.8 FF 418.8

158 P 417.5 FF 418.5

156 P 417.8 FF 418.8

157 P 416.8 FF 417.8

155 P 417.8 FF 418.8

154 P 416.5 FF 417.5

136 P 416.3 FF 417.3

137 P 415.8 FF 416.8

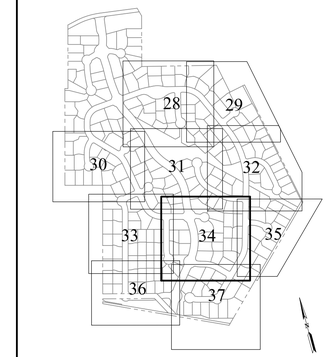
135 P 415.3 FF 416.3

134 P 414.8 FF 415.8

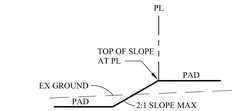
138 P 415.1 FF 416.1

139 P 416.4 FF 417.4

141 P 415.6 FF 416.6



KEY MAP



SECTION L

GRADING SECTIONS

NO SCALE

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
415	CONTOUR	415
x 409.6	SPOT ELEVATION	× 412.5
0.5%	SLOPE	
	TREE TO BE REMOVED	
	20% SLOPE AREA	

0 40 80 120

SCALE IN FEET: 1"= 40'

RUGGERI-JENSEN-AZAR
ENGINEERS • PLANNERS • SURVEYORS
8055 CAMINO ARROYO GILROY, CA 95020
PHONE (4

TENTATIVE MAP & PD PARCKAGE
CONCEPTUAL GRADING PLAN
SAN SEBASTIAN PHASES 6-16
MORGAN HILL, CALIFORNIA
FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=40'	JUNE 2012

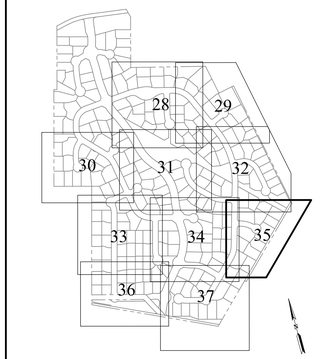
DATE	BY	CK

SHEET REVISIONS

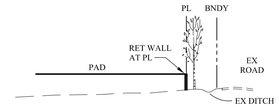
SHEET 34 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 11:04AM
DRAWING: CONCEPTUAL GRADING PLAN.DWG W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\



KEY MAP



SECTION (M)

GRADING SECTIONS

NO SCALE

SCALE IN FEET: 1"= 40'

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
	NEW PAVEMENT	

RUGGERI-JENSEN-AZAR
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PHONE (408) 846-0300 FAX (408) 846-0302

TENTATIVE MAP & PD PARCKAGE
CONCEPTUAL GRADING PLAN
SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

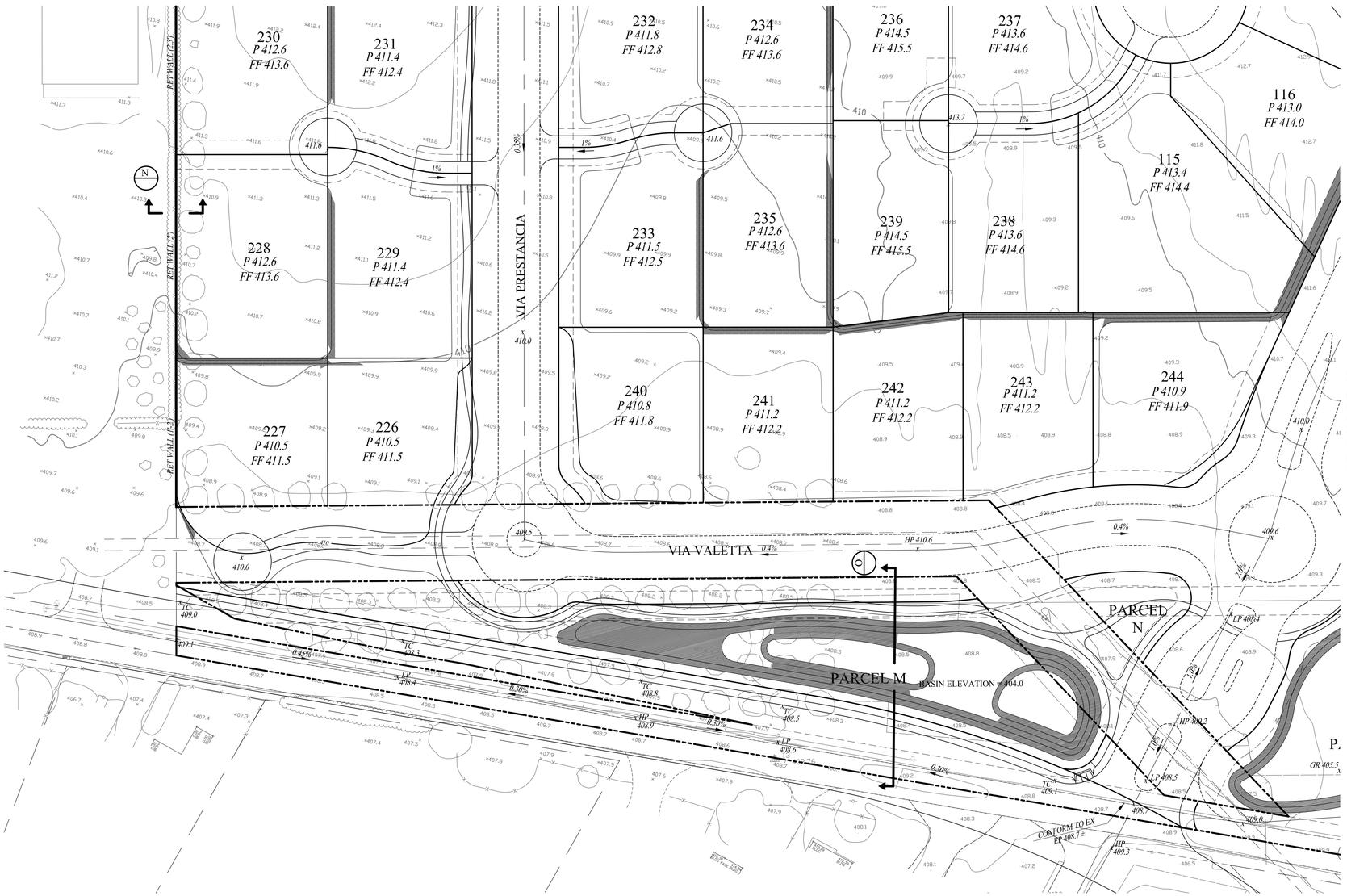
SCALE	DATE
1"=40'	JUNE 2012

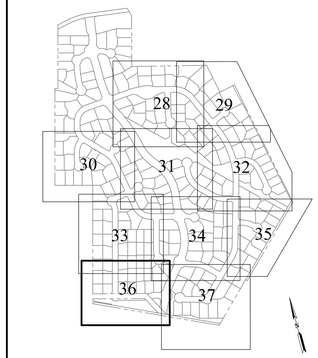
DATE	BY	CK	SHEET REVISIONS
	MK		

SHEET 35 OF 43 SHEETS

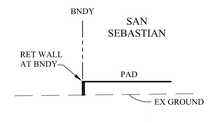
JOB NO. 092030

DATE: 02/22/2012 TIME: 11:42AM
DRAWING: CONCEPTUAL GRADING PLAN W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

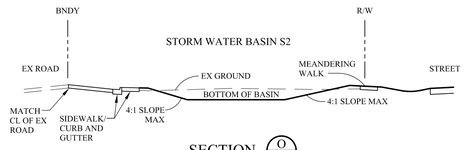




KEY MAP



SECTION N



SECTION O

GRADING SECTIONS

NO SCALE

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
415	CONTOUR	415
x 409.6	SPOT ELEVATION	× 412.5
0.5%	SLOPE	
	TREE TO BE REMOVED	
	20% SLOPE AREA	

RUGGERI-JENSEN-AZAR
ENGINEERS • PLANNERS • SURVEYORS
8055 CAMINO ARROYO GILROY, CA 95020
PHONE (408) 846-0300 FAX (408) 846-0302

TENTATIVE MAP & PD PARCKAGE
CONCEPTUAL GRADING PLAN
SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=40'	JUNE 2012

DATE	BY	CK

SHEET REVISIONS

SHEET 36 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 11:46AM
DRAWING: CONCEPTUAL GRADING PLAN DRAWING W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

SEE SHEET 34

SEE SHEET 35

SEE SHEET 36

VIA BIELLA

VIALE SAN SEBASTIAN

BELLA CORSA

CORTE BELLA

PEET ROAD

HALF ROAD

116
P 413.0
FF 414.0

131
P 413.0
FF 414.0

132
P 413.5
FF 414.5

133
P 414.2
FF 415.2

138
P 415.1
FF 416.1

139
P 416.4
FF 417.4

224
P 412.0
FF 413.0

222
P 412.5
FF 413.5

221
P 413.0
FF 414.0

220
P 414.0
FF 415.0

215
P 414.0
FF 415.0

214
P 415.0
FF 416.0

225
P 412.0
FF 413.0

223
P 412.4
FF 413.4

219
P 412.9
FF 413.9

218
P 413.7
FF 414.7

217
P 414.2
FF 415.2

216
P 414.7
FF 415.7

PARCEL O

ORCHARD

DENSE TREES

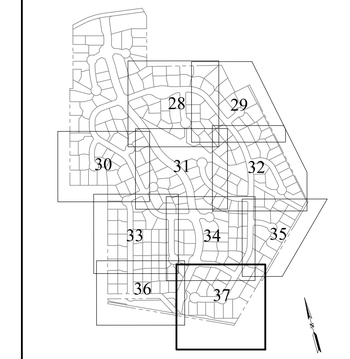
RET WALL (4.5')

RET WALL (4')

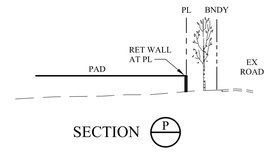
RET WALL (4.5')

LP 408.4

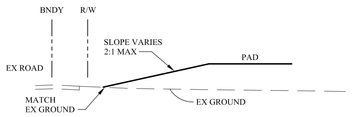
OFFSITE STORMWATER BASIN
BASIN ELEVATION = 402.0



KEY MAP



SECTION P



SECTION Q

GRADING SECTIONS
NO SCALE

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	CENTERLINE	
	LOT LINE	
	RIGHT-OF-WAY	
	EASEMENT	
	EDGE OF PAVEMENT	
	FACE OF CURB	
	TRAIL	
415	CONTOUR	415
x 409.6	SPOT ELEVATION	× 412.5
0.5%	SLOPE	
	TREE TO BE REMOVED	
	20% SLOPE AREA	

0 40 80 120
SCALE IN FEET: 1"= 40'

RUGGERI-JENSEN-AZAR
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TENTATIVE MAP & PD PARCKAGE
CONCEPTUAL GRADING PLAN
SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

DATE	BY	CK	SHEET REVISIONS
	MK		

SCALE 1"=40'

DATE JUNE 2012

SHEET 37 OF 43 SHEETS

JOB NO. 092030

DATE: 02/22/2012 TIME: 11:49AM
DRAWING: CONCEPTUAL GRADING PLAN.DWG W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

GRADING NOTES

1. THE EARTHWORK NUMBERS SHOWN ON THIS PLAN ARE PRELIMINARY BASED ON THE CONCEPTUAL GRADING PLAN AND ARE SUBJECT TO CHANGE.

2. THE MAXIMUM ANTICIPATED CUT AND FILL IS 20-FEET AND 10-FEET RESPECTIVELY.

3. SEE SHEETS 18 - 22 FOR THE CONCEPTUAL GRADING PLAN.

4. EARTHWORK QUANTITIES SHOWN ON THIS SHEET ARE FOR THE ENTIRE SAN SEBASTIAN PROJECT. THE HIDDEN LINE SHOWN REPRESENTS THE PHASING BETWEEN THE VESTING TENTATIVE MAP AND THE TENTATIVE MAP APPLICATION.

PRELIMINARY EARTHWORK SUMMARY

CUT	170,000 CY±
FILL	213,000 CY±
NET	43,000 CY± (IMPORT)

FOR REFERENCE ONLY NOT A PART
(See San Sebastian Phases 1-5 Vesting Tentative Map)

CUT

13.50
12.60
11.70
10.80
9.90
9.00
8.10
7.20
6.30
5.40
4.50
3.60
2.70
1.80
0.90
± .100
0.90
1.80
2.70
3.60
4.50
5.40
6.30
7.20
8.10
9.00
9.90
10.80
11.70
12.60
13.50

FILL

0 150 300 450
SCALE IN FEET: 1"= 150'

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ENGINEERS • PLANNERS • SURVEYORS
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TENTATIVE MAP & PD PARCKAGE
EARTHWORK MAP
SAN SEBASTIAN
MORGAN HILL, CALIFORNIA
FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

DATE	BY	CK	SHEET REVISIONS
MK			

SCALE 1"=150'
DATE MARCH 2013

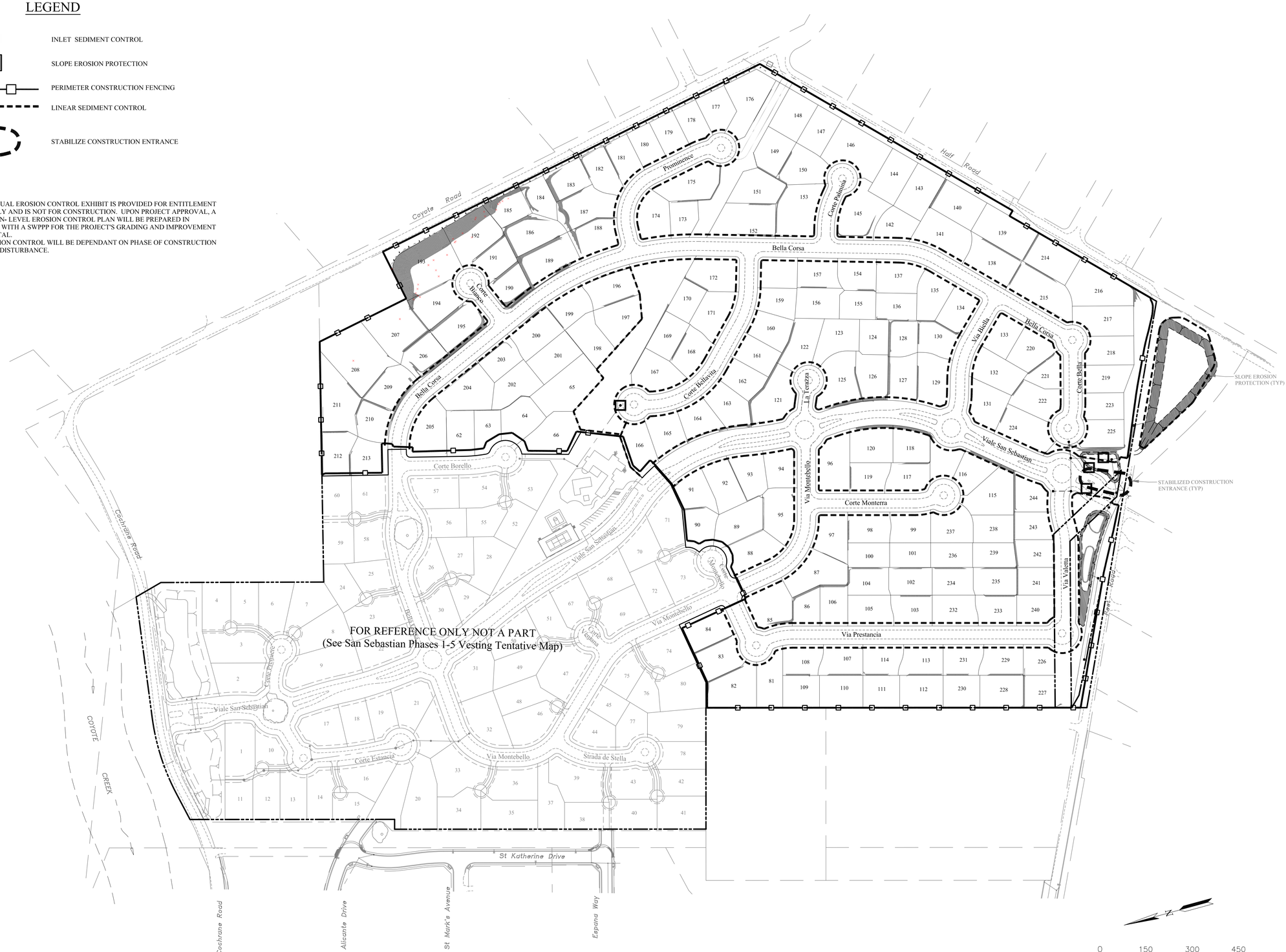
SHEET 38
OF 76 SHEETS
JOB NO. 092030

DATE: 02/22/2012
DRAWING: EARTHWORK MAP.DWG
TIME: 12:14PM
PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

LEGEND

- INLET SEDIMENT CONTROL
- SLOPE EROSION PROTECTION
- PERIMETER CONSTRUCTION FENCING
- LINEAR SEDIMENT CONTROL
- STABILIZE CONSTRUCTION ENTRANCE

NOTE:
1. THIS CONCEPTUAL EROSION CONTROL EXHIBIT IS PROVIDED FOR ENTITLEMENT PURPOSES ONLY AND IS NOT FOR CONSTRUCTION. UPON PROJECT APPROVAL, A CONSTRUCTION- LEVEL EROSION CONTROL PLAN WILL BE PREPARED IN CONJUNCTION WITH A SWPPP FOR THE PROJECT'S GRADING AND IMPROVEMENT PLAN SUBMITTAL.
2. ACTUAL EROSION CONTROL WILL BE DEPENDANT ON PHASE OF CONSTRUCTION AND LIMIT OF DISTURBANCE.



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PHONE: (408) 846-0300 FAX: (408) 846-0302

TENTATIVE MAP & PD PARCKAGE
EROSION CONTROL PLAN
SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=150'	JUNE 2012

SHEET REVISIONS	BY	CK

DATE	MK

SHEET
39
OF 43 SHEETS

JOB NO.
092030

DATE: 02/22/2012 TIME: 12:18PM
DRAWING: EROSION CONTROL PLAN.DWG PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	LOT LINE	
	FACE OF CURB	
	EDGE OF PAVEMENT	
2	PHASING	

NOTES:

1. CONTINUATION OF PHASING FROM PREVIOUS SAN SEBASTIAN VESTING TENTATIVE MAP PLAN.

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TENTATIVE MAP & PD PARCKAGE
PHASING PLAN

SAN SEBASTIAN PHASES 6-16

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=200'	JUNE 2012

DATE	BY	SHEET REVISIONS
	MK	
	CK	

SHEET
40
OF 43 SHEETS

JOB NO.
092030

DATE: 02/22/2012
DRAWING: PHASING PLAN.DWG
TIME: 12:23PM
PATH: W:\JOBS 09\092030\DRAWINGS\PRELIM\TM & PD PACKAGE-2012-02-24\

Planting Legend

Trees

QUERCUS RUBRA	RED OAK	24" BOX
ACER MACROPHYLLUM	BIGLEAF MAPLE	24" BOX
UMBELLULARIA CALIFORNICA	CALIFORNIA BAY	24" BOX
PISTACIA CHINENSIS	CHINESE PISTACHE	24" BOX
QUERCUS AGRIFOLIA	COAST LIVE OAK	36" BOX
QUERCUS ILEX	HOLLY OAK	36" BOX
GINKGO BILOBA	MAIDENHAIR TREE	24" BOX
EXISTING OAK TREES		

SHRUBS:

ACANTHUS MOLLIS	BEAR'S BREECH
AGAPANTHUS AFRICANUS	LILY OF THE NILE
AGAVE ATTENUATA	SOFT AGAVE
ARMERIA MARITIMA	COMMON THRIFT
ALOE SPECIES	ALOE
ARBUTUS UNEDO 'COMPACTA'	COMPACT STRAWBERRY TREE
ARTEMISIA CALIFORNICA	CALIFORNIA SAGEBRUSH
ASPIDIUM CAPENSE	LEATHER LEAF FERN
ARACHNIODES SIMPLICIOR	HOLLY FERN
CEANOTHUS SSP.	CEANOTHUS
CISTUS 'BLANCHE'	NCN
CLIVIA MINIATA	KAFFIR LILY
DIETES BICOLOR	NCN
FESTUCA GLAUCA	BLUE FESCUE
HEMEROCALIS HIBRIDUS	DAYLILY
JUNIPERUS CALIFORNICA	CALIFORNIA JUNIPER
LIRIOPE GIGANTEA	GIANT BLUE LILY TURF
LAVANDULA ANGUSTIFOLIA	ENGLISH LAVENDER
MYRTUS COMMUNIS 'COMPACTA'	COMPACT TRUE MYRTLE
PITTOSPORUM TOBIRA	TOBIRA
ROSA CALIFORNICA	CALIFORNIA ROSE
RHAMNUS CALFORNICA	CALIFORNIA COFFEBERRY
RHAPHIOLEPIS SPECIES	COMPACT INDIA HAWTHORN
RHUS LENTII	PINK FLOWER SUMAC
ROSEMARINUS OFFICINALIS	ROSEMARY
SALVIA OFFICINALIS	GARDEN SAGE
STRELITZIA REGINAE	BIRD OF PARADISE

GROUNDCOVER:

BACCHARIS PILULARIS 'PIGEON POINT'	PIGEON POINT COYOTE BRUSH
LONICERA SEMPERVIRENS	TRUMPET HONEYSUCKLE
TRACHELOSPERMUM JASMINOIDES	STAR JASMINE

VINES

WISTERIA SINENSIS	WISTERIA
DISTICTIS 'RIVERS'	ROYAL TRUMPET FLOWER
JASMINUM POLYANTHUM	JASMINE

MULCH
A 3" LAYER OF MULCH SHALL BE INSTALLED TO COVER ALL SOIL.

0 50 100 150 200 250

SCALE 1" = 150'

Landscape Concept Plan
SAN SEBASTIAN

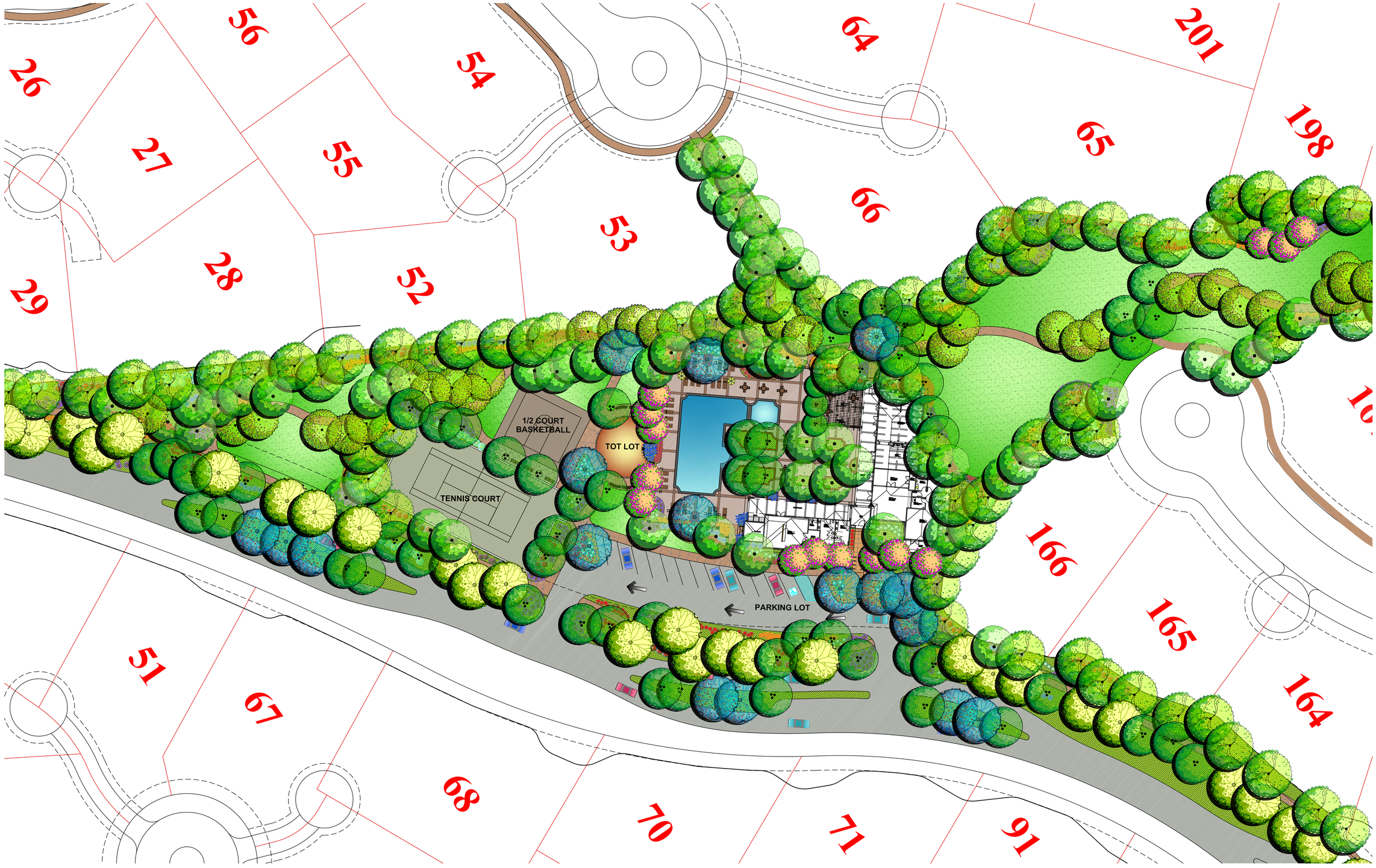
ESTRADA Estrada Land Planning
755 Broadway Circle
Suite 300
San Diego
California 92101-6151
619-236-0143
619-236-0148 fax

PD PACKAGE
Landscape Concept Plan
SAN SEBASTIAN
MORGAN HILL, CALIFORNIA
FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE		DATE	JUNE 20, 2012
BY	CK		
SHEET REVISIONS			
MK			
DATE			

SHEET
L-1

JOB NO.
152-92



0 30 60 90 120 150

SCALE 1" = 30'

Recreation Center
SAN SEBASTIAN

ESTRADA Estrada Land Planning
755 Broadway Circle
Suite 300
San Diego
California 92101-8165
619-238-0143
619-238-0078 fax

PD PACKAGE
Recreation Center
SAN SEBASTIAN
MORGAN HILL, CALIFORNIA
FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE

DATE JUNE 20, 2011

DATE	BY	CK

SHEET REVISIONS

DATE	MK

REGISTERED LANDSCAPE ARCHITECT
VICKI ESTRADA
No. 1685
Exp. 4/30/2012
SIGNATURE
DATE
STATE OF CALIFORNIA

SHEET
L-2

JOB NO.
152-92

Typical Enclave Design
SAN SEBASTIAN

ESTRADA Estrada Land Planning
755 Broadway Circle
Suite 300
San Diego
California 92101-6161
619-238-0143
619-238-0578 fax

PD PACKAGE
Typical Enclave Design
SAN SEBASTIAN
MORGAN HILL, CALIFORNIA
FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

DATE	MK	SHEET REVISIONS	BY	CK

SCALE

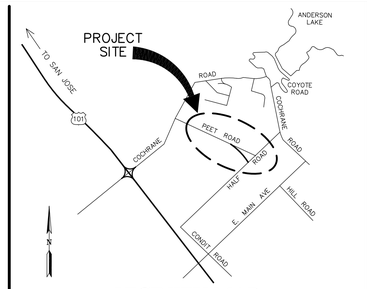
DATE
JUNE 20, 2012

REGISTERED LANDSCAPE ARCHITECT
VICKI ESTRADA
No. 1695
Exp. 4/30/2012
SIGNATURE
DATE
STATE OF CALIFORNIA

SHEET
L-3

JOB NO.
152-92

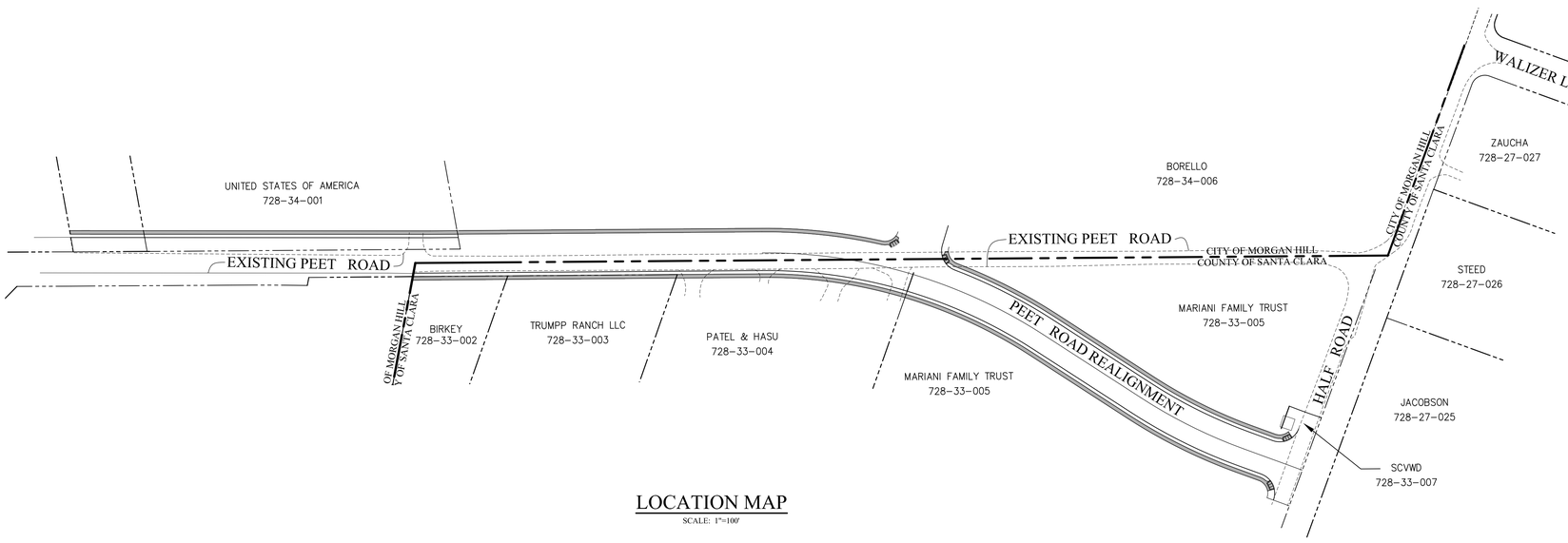
PRELIMINARY ALIGNMENT STUDY
PEET ROAD REALIGNMENT
MORGAN HILL, SANTA CLARA COUNTY, CALIFORNIA



VICINITY MAP
NO SCALE

SHEET INDEX

SHEET #	SHEET TITLE
1	TITLE SHEET
2	EXISTING CONDITIONS AND PROPOSED REALIGNMENT PLAN
3	CONCEPTUAL GRADING PLAN



LOCATION MAP
SCALE: 1"=100'

CONTACT INFORMATION

CIVIL ENGINEER/PLANNER: RUGGERI-JENSEN-AZAR & ASSOCIATES
8055 CAMINO ARROYO
GILROY, CA 95020
ENGINEERING CONTACT: CHRIS PATTON, RCE 66271
(408) 848-0300

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	FACE OF CURB	
	EDGE OF PAVEMENT	
	CENTERLINE	
	CITY LIMIT LINE	
	EASEMENT	
	HANDICAP RAMP	
411.8	SPOT ELEVATION	
0.5%	SLOPE	
	STORM DRAIN CURB INLET	

ABBREVIATIONS

AC	ACRES	PSE	PUBLIC SERVICE EASEMENT
BNDY	BOUNDARY	R	RADIUS
CY	CUBIC YARDS	RET WALL	RETAINING WALL
DU	DWELLING UNITS	RPD	RESIDENTIAL PLANNED DEVELOPMENT
ELEV	ELEVATION		OVERLAY DISTRICT
EVA	EMERGENCY VEHICLE ACCESS	R/W	RIGHT-OF-WAY
EX	EXISTING	S	SLOPE
FF	FINISH FLOOR ELEVATION	SCVWD	SANTA CLARA VALLEY WATER DISTRICT
GB	GRADE BREAK	SD	STORM DRAIN
HP	HIGH POINT	SDE	STORM DRAIN EASEMENT
INV	INVERT ELEVATION	SDMH	STORM DRAIN MANHOLE
L	LENGTH	SF	SQUARE FEET
LP	LOW POINT	SS	SANITARY SEWER
MAX	MAXIMUM	SSMH	SANITARY SEWER MANHOLE
OS	OPEN SPACE	TYP	TYPICAL
PAE	PUBLIC ACCESS EASEMENT	W	WATER

RUGGERI-JENSEN-AZAR
ENGINEERS • PLANNERS • SURVEYORS
8055 CAMINO ARROYO GILROY, CA 95020
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PRELIMINARY ALIGNMENT
TITLE SHEET
PEET ROAD REALIGNMENT
MORGAN HILL, CALIFORNIA
FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

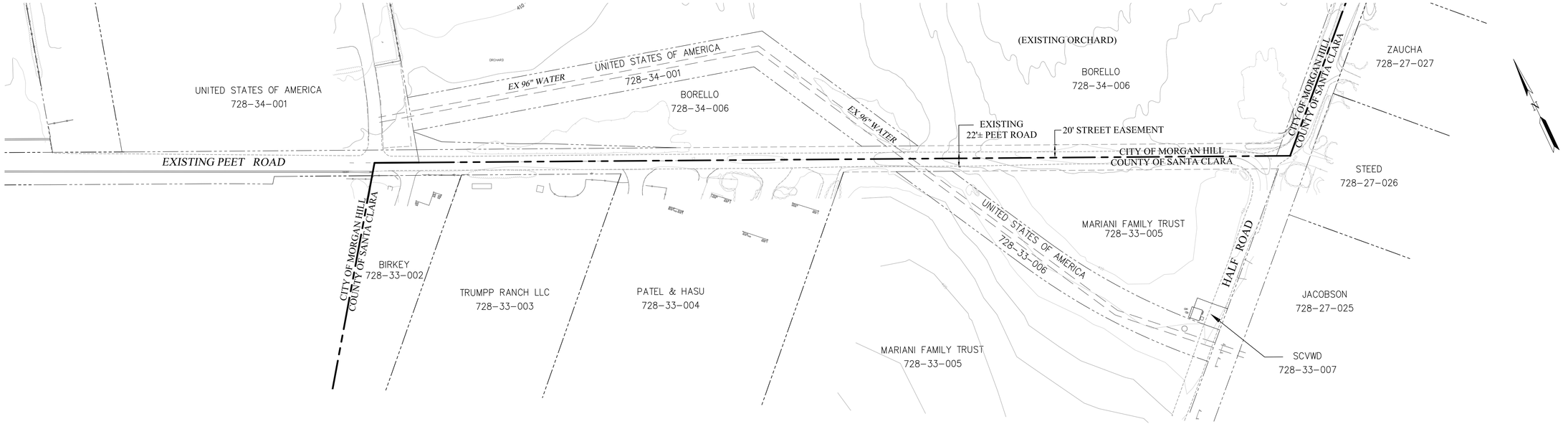
SCALE 1"=100'
DATE MAY 2012

DATE	BY	CK

SHEET REVISIONS

SHEET 1 OF 3 SHEETS

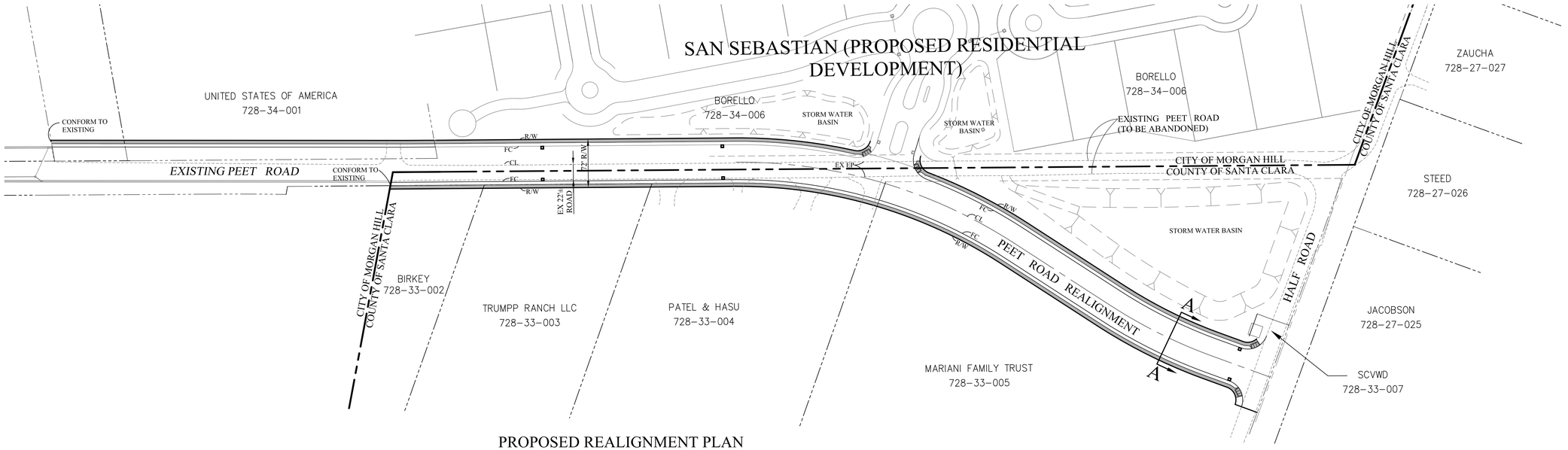
JOB NO. 092030



EXISTING CONDITIONS

SCALE: 1"=80'

SAN SEBASTIAN (PROPOSED RESIDENTIAL DEVELOPMENT)

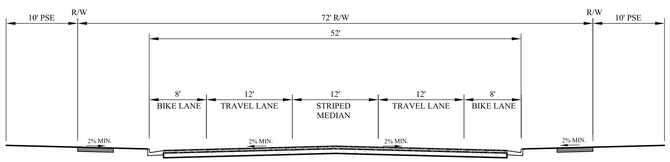


PROPOSED REALIGNMENT PLAN

SCALE: 1"=80'

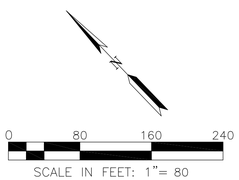
NOTE:

1. PROPOSED PEET ROAD REALIGNMENT PER CITY OF MORGAN HILL GENERAL PLAN MAP DATED FEBRUARY 29, 2012.



STREET SECTION - PEET ROAD

NO SCALE



LEGEND

- PROPERTY LINE (PL)
- CENTERLINE (CL)
- CITY LIMIT LINE
- FACE OF CURB (FC)
- EDGE OF PAVEMENT (EP)
- SIDEWALK
- EX — EXISTING
- STORM DRAIN CURB INLET
- HANDICAP RAMP
- × 411.8 — SPOT ELEVATION
- 0.5% — SLOPE

RUGGERI-JENSEN-AZAR
ENGINEERS • PLANNERS • SURVEYORS
8055 CAMINO ARROYO GILROY, CA 95020
PHONE: (408) 846-0300 FAX: (408) 846-0302

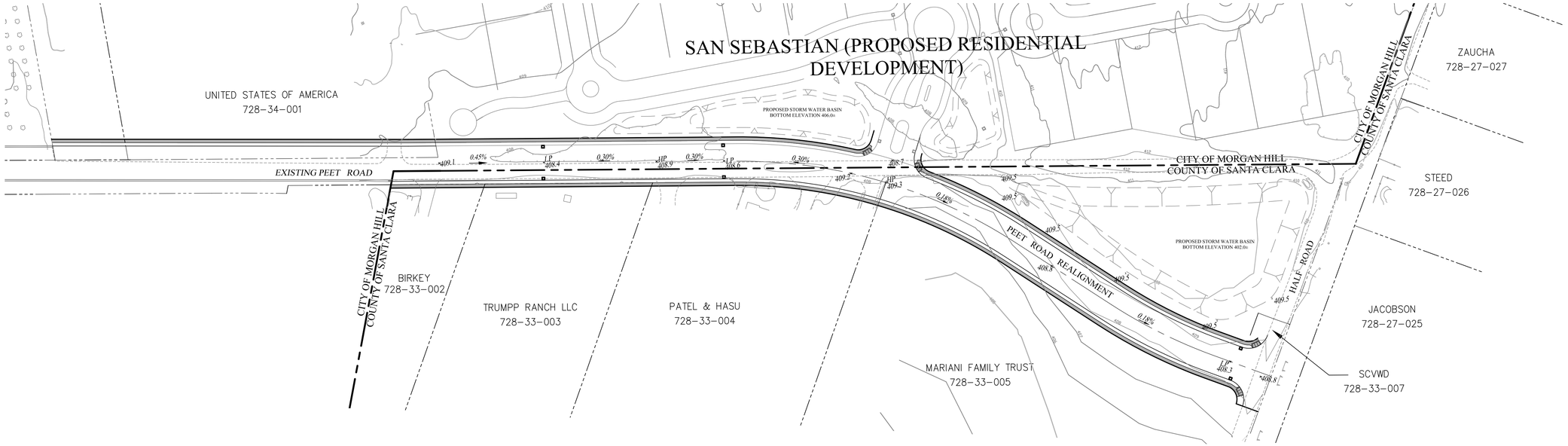
PRELIMINARY ALIGNMENT
EXISTING CONDITIONS AND PROPOSED REALIGNMENT PLAN
PEET ROAD REALIGNMENT
MORGAN HILL, CALIFORNIA
FOR SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE 1"=80'
DATE MAY 2012

DATE	MK	SHEET REVISIONS	BY	CK

SHEET 2 OF 3 SHEETS

JOB NO. 092030



LEGEND

- PROPERTY LINE (PL)
- CENTERLINE (CL)
- CITY AND COUNTY BOUNDARY
- FACE OF CURB (FC)
- EDGE OF PAVEMENT (EP)
- SIDEWALK
- EX — EXISTING
- STORM DRAIN CURB INLET
- HANDICAP RAMP
- × 411.8 — SPOT ELEVATION
- 0.5% — SLOPE

RUGGERI-JENSEN-AZAR
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PRELIMINARY ALIGNMENT
CONCEPTUAL GRADING PLAN
PEET ROAD REALIGNMENT

MORGAN HILL, CALIFORNIA

FOR: SAN SEBASTIAN MH, GENERAL PARTNERSHIP

SCALE	DATE
1"=80'	MAY 2012

DATE	MK	SHEET REVISIONS	BY	CK

SHEET 3 OF 3 SHEETS

JOB NO. 092030

APPENDIX C

Agricultural Mitigation and Preservation Letter, San Sebastian

San Sebastian
GATED ESTATE HOMES

May 7, 2012

City of Morgan Hill
Community Development Agency
Ms. Leslie Little
175 Peak Avenue
Morgan Hill, CA 95037

RE: Agricultural Mitigation and Preservation Analysis-San Sebastian

Dear Leslie,

San Sebastian is a 244 unit single-family development within the City of Morgan Hill. On September 1st, 1976 the Borello family along with 56 other property owners, voluntarily enrolled in the Cochrane Road Assessment District. The Assessment District expanded city water and sewer services to the participants of the District. At that time, the Borello Family paid $130,708 dollars into the Assessment District; the 3rd highest of all participants. Property owner's assessments ranged from $231,570 to $1,286 dollars. Under the terms of a 1984 court judgment, the annexation, General Plan and Zoning commitments made by the City of Morgan Hill were upheld.

The property has been located within the City's Urban Growth Boundary and Urban Service Area since the 1980's and has been General Planned/Zoned Single Family Low (Housing 1-3 DU/Acre), since 1984. The Williamson Act contract was terminated on January 1st, 1992, and the property was annexed into the City on June 9th, 2006. We requested verification from the City regarding the dates outlined above, but did not receive a response in time to incorporate into this letter.

According to the findings from the Diana-Chan, (AKA, "Sherimar Ranch"), EIS Report, "Lands within the Urban Service Area are designated for urban land uses and are not intended for agricultural use, even in the short-term. The site is designated and zoned for residential uses on the City of Morgan Hill's General Plan Land Use Diagram and Zoning Map. The eventual conversion of agricultural lands that have urban land uses designations was not identified as a significant impact in the Environmental Report prepared for the Morgan Hill General Plan in March 2001".[1]

In 2009 the City Council adopted Resolution 09-18 approving the award of 23 building allocations for San Sebastian, based on Measure C Commitments made in October of 2008. In 2010 the City adopted Resolution 10-09 approving the award of 37 additional building allocations for San Sebastian based on Measure C Commitments made in October of 2009. On March 1st 2012 San Sebastian received notice from the City that an additional 15 units had been awarded to the project, based on Measure C Commitments made in October of 2011. To date, the project is in possession of a total 75 building allocations. San Sebastian has submitted a Tentative Map, Planned Unit Development and Zoning Amendment for the project.

[1] City of Morgan Hill/Diana Chan (Initial Study, October 2008)

The City of Morgan Hill is currently considering the adoption of an Agricultural Mitigation program. The program is currently being reviewed and the City is seeking comments from stakeholders. The final program is yet to be determined and its adoption may or may not occur at some future date.

While the City of Morgan Hill is beginning to develop it's Agricultural Mitigation program, many cities throughout the State have already adopted such programs in hopes of protecting existing farmland from development. The implementation of these programs has varied, but most if not all have taken a phased approach to its implementation. Projects with development rights (i.e. building allocations, aka-pipeline projects) have been exempted from any agricultural mitigation requirements. The City of Brentwood for example, exempted projects that had "vested rights as the projects were too far along in the process to be required to mitigate"[2] as the program was being established.

San Sebastian is a pipeline project, as development commitments have been made on a project wide basis, going all the way back to 2008, and for the reasons stated above. We are deep in the entitlement process and it's difficult to reason why a new fee for a program that has yet to be adopted should be applied to our project.

With that said, there are existing measures in place that the City should utilize today to further their goal of the preservation of agricultural lands during this interim period. The City currently has a competitive allocation process in which developers compete for housing allocation units. Within this competition, there is an opportunity for developers to commit to the purchase of Transfer Development Credits. San Sebastian, has committed to the purchase of Transfer Development Credits. The TDC fees (approximately $450,000 dollars) that we have agreed to pay, during these competitions could be used for the preservation of agriculture.

From a CEQA perspective the priority for preservation is narrowly focused on agriculture land, not open space land, which is what the City has been utilizing the TDC funds for to date. According to the City of Morgan Hill's budget, there are approximately 2.9 Million dollars in the City's TDC Fee account and roughly 3 Million dollars in the pipeline from commitments made by upcoming projects, including San Sebastian. These funds could be diverted from Open Space preservation and be utilized for Agricultural Preservation. The City's own, Draft Agricultural Mitigation Plan[3] references the use of these funds to further the proposed Agricultural Mitigation goals. It states, "The City's TDC program has historically provided significant funding for hillside preservation. As part of Morgan Hill's Residential Development Control System (RDCS), developers can commit to purchase TDC credits to improve their points under the City's allocation system. These payments, approximately $2,000 per residential unit, have provided significant revenues for hillside preservation. The City will refine the TDC program to seek use of a portion of existing and future revenues from the TDC program to be allocated toward agricultural preservation."

This represents the understanding of the stakeholders in the South East Quadrant. John Telfer, Gordon Jacoby and Bill Chiala informed us, that the utilization of the TDC's is integral to bringing the City's Draft Mitigation Plan forward. Without the utilization of the

[2] http://www.ci.brentwood.ca.us/boards/aarg/enterprise/what_type.cfm

[3] http://www.morgan-hill.ca.gov/DocumentView.aspx?DID=5294

TDC fees for the preservation of Agriculture lands, the Draft Ag Mitigation Plan, the city is circulating is likely to fail as the TDC's are the anticipated funding mechanism for the Plan. The City Manager, Ed Tewes and the Mayor, Steve Tate has supported the utilization of TDC fees for the preservation of Agriculture in the past.

Additionally, San Sebastian has committed to pay over $25,000,000 dollars in development fees over the life of the project. This equates to approximately $102,000 per unit. In 2010 staff told San Sebastian that no Agricultural Mitigation would be required for the following reasons:

1. The property had participated in the Cochrane Road Assessment District

2. It has been General Planned Single Family Low for the past 20 years

3. The General Plan and EIR update completed in 2001 reaffirmed the property did not significantly impact the loss of Agriculture and was planned to be developed and would not remain an agricultural property in the future**.**

Based on these conversations we proceeded with the funding of an additional $1,200,000, dollars above the $540,000 dollar previous commitment to further the entitlement process for the project. 2008, 2009 and 2011 Measure C commitments were made based on our understanding that no Agricultural Mitigation fee would be required.

With the already high development costs within the City of Morgan Hill, the proposition of new fees is alarming. With that said, we as farmers and developers respect the fact that the continuation and preservation of farmland is important to the framework of our state.

Whilst keeping in mind that no program exists and no project has ever paid any agricultural mitigation fees within the City of Morgan Hill, we're prepared to be the first. San Sebastian will agree to mitigate its Agricultural Impacts as defined by CEQA at the state standard ratio of 1:1, anywhere within the state.

Specifically, San Sebastian shall have the option to complete its Agricultural Mitigation commitment via any combination of item 1 and items 2-5 that San Sebastian chooses at it's sole discretion. These commitments shall be memorialized in the projects Development Agreement.

1. San Sebastian shall be required to meet its current TDC commitments, per its Measure C Commitments.

    a. That the City of Morgan Hill agree that the TDC payments committed to and/or made by The San Sebastian project be used for the purpose of Open Space and/or Agricultural Mitigation.

        i. In the event San Sebastian re-competes in a Measure C Competition and eliminates it's commitment to purchase TDC's item 1, above shall be omitted.

    And any one, of the following items San Sebastian chooses:

2. San Sebastian shall have the option to commit to the payment of an Agricultural Mitigation Fee in the amount of $5,500 dollars per acre. The

per acre payment shall be made to the City of Morgan Hill or another entity/City that has an adopted Ag Mitigation Program. For example, Brentwood currently has an Ag Mitigation Program in place that requires the payment of $5,500 dollars for every acre that is removed from Agricultural Production and developed. We are proposing that the $5,500 dollar/acre fee either be paid to an entity such as Brentwood to be utilized for the conservation of Agricultural Lands or paid directly to the City of Morgan Hill, to be used for it's conservation goals. San Sebastian will agree to the $5,500 per acre fee with the following conditions:

a. That the Agricultural Mitigation fee offered by San Sebastian Estates be paid at the close of each building phase.
    i. For example, if a building phase consisted of 10 units that sat on 5 acres, a payment of $27,500 dollars (5 X $5,500 = $27,500) would be due at the close of the 10th home.

b. The City of Morgan Hill will include such language in the final Development Agreement being drafted for the San Sebastian Estates project that the Agricultural Mitigation fee shall be it's total mitigation requirements.

c. That the Agricultural Mitigation fee offered by San Sebastian be deemed to meet it's CEQA mitigation goals and reduce the loss of Agriculture Land to less than significant.

3. That San Sebastian shall have the option to place agricultural easements on other properties owned now or in the future by the Borello family or its associates in-lieu of such fee outlined in item 2 above.

    a. The placement of said agricultural easements on other properties the Borello family owns, would occur prior to the occupancy permit of the homes to be built at San Sebastian and mitigated a ratio of 1 to 1 acres within the State of California.

    b. The City of Morgan Hill will include such language in the final Development Agreement being drafted for the San Sebastian Estates project that the Agricultural Mitigation provided above shall be it's total mitigation requirements.

    c. That the Agricultural Mitigation offered above by San Sebastian be deemed to meet it's CEQA mitigation goals and reduce the loss of Agriculture Land to less than significant

4. That San Sebastian shall have the option to place agricultural easements on other properties through the purchase of conservation easements from willing sellers in lieu of such fee outlined in item 2 above.

    a. The placement of said agricultural easements on other properties owned by willing sellers would occur prior to the occupancy permit of the homes to be built at San Sebastian and mitigated a ratio of 1 to 1 acres within the State of California.

b. The City of Morgan Hill will include such language in the final Development Agreement being drafted for the San Sebastian Estates project that the Agricultural Mitigation provided above shall be it's total mitigation requirements.

c. That the Agricultural Mitigation offered above by San Sebastian be deemed to meet it's CEQA mitigation goals and reduce the loss of Agriculture Land to less than significant

5. San Sebastian shall have the option to provide evidence of payment of Agricultural Mitigation and Preservation fees to other public entities in lieu of fees paid to The City of Morgan Hill. San Sebastian would have the opportunity to provide mitigation within the State of California at a ration of 1 to 1.

    a. That the Agricultural Mitigation offered above by San Sebastian be deemed to meet it's CEQA mitigation goals and reduce the loss of Agriculture Land to less than significant

    b. The City of Morgan Hill will include such language in the final Development Agreement being drafted for the San Sebastian Estates project that the Agricultural Mitigation provided above shall be it's total mitigation requirements.

    c. That the Agricultural Mitigation offered above by San Sebastian be deemed to meet it's CEQA mitigation goals and reduce the loss of Agriculture Land to less than significant

San Sebastian shall agree to the commitments outlined above if the following occurs:

- That the City of Morgan Hill will find that the above options represent the total amount of Agricultural Mitigation required for San Sebastian per CEQA and mitigates any Agricultural impacts associated with removal of Agricultural land by the San Sebastian Project,

- The City of Morgan Hill will find that the above fee structure meets the required AG mitigation requirements for this project for the life of the project,

- Total Agriculture Preservation Fees, Conservation Easements or mitigation commitments shall be based on 99.99 acres per the attached Farm Land exhibit.

Given that there exists no Agricultural Mitigation program in the City of Morgan Hill, that San Sebastian is a pipeline project, that no project has been required to mitigate for Agricultural lands, that the City's prior findings are that Projects located within the Urban Service Area shall not be considered Agricultural land, the above proposal for Agricultural Mitigation far exceeds any potential impact, we formally request the City support our commitment as outlined above.

We appreciate staff's time on this issue and we feel comfortable with this commitment to go beyond any existing requirements for Agricultural Mitigation. We're seeking your concurrence for our proposed Agricultural Mitigation for San Sebastian and look forward

to breaking ground later this year.

Sincerely,

Chris Borello, Project Manager 5/7/12
San Sebastian Estate Homes

Mike Fletcher, Managing General Partner
San Sebastian Estate Homes 5/7/12

CC: Mr. Mitchel O'shinkskey, City of Morgan Hill
Mrs. Terry Linder, City of Morgan Hill
Mrs. Rebecca Tolentino, City of Morgan Hill
Mr. Akoni Danielsen, David J. Powers and Associates
Ms. Karli Grigsby, David J. Powers and Associates

APPENDIX D

Phase I Environmental Site Assessment, ENGEO Inc.

Agrichemical and Risk Evaluation, ENGEO, Inc.

PHASE I ENVIRONMENTAL SITE ASSESSMENT UPDATE

THE ESTATES AT SAN SEBASTIAN
MORGAN HILL, CALIFORNIA

Submitted to:
Mr. Chris Borello
San Sebastian MH General Partnership
17045 Monterey Highway, Suite D
Morgan Hill, CA 95037

Prepared by:
ENGEO Incorporated

April 4, 2012

Project No.
9301.000.001

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- Expect Excellence -

Project No.
9301.000.001

April 4, 2012

Mr. Chris Borello
San Sebastian MH General Partnership
17045 Monterey Highway, Suite D
Morgan Hill, CA 95037

Subject: The Estates at San Sebastian
Morgan Hill, California

PHASE I ENVIRONMENTAL SITE ASSESSMENT UPDATE

References:
1. ENGEO; Phase One Environmental Site Assessment, The Estates at San Sebastian (APN 728-34-027), Morgan Hill, California; September 19, 2011 Revised February 21, 2012.

2. ENGEO; Agrichemical Impact Assessment and Risk Evaluation, The Estates at San Sebastian, Cochran Road (APN 728-34-027), Morgan Hill, California; December 13, 2011 Revised February 22, 2012.

Dear Mr. Borello:

ENGEO Incorporated is pleased to present our phase I environmental site assessment update of the subject property (Property), located in Morgan Hill, California.

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

Scott Johns, PE

Shawn Munger, CHG, REAII

Jeanine Ruffoni

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1.0 INTRODUCTION

1.1 DETAILED SCOPE OF SERVICES

The scope of services performed included the following:

- A review of the referenced reports prepared by ENGEO and others.
- An update of state and federal records regarding the property and documented hazardous waste facilities in the vicinity.
- A supplemental reconnaissance of the Property.
- Preparation of a report with our findings.

1.2 SITE LOCATION AND DESCRIPTION

The Property is generally bounded to the south by Peet Road/Half Road, to the north and east by Cochrane Road, and to the west by Alicante Drive in Morgan Hill, California (Figure 1). The majority of the Property is identified as APN 728-34-027 (122 acres) with portions of 728-33-002, 728-33-003, 728-33-004, 728-33-005, 728-33-006, and728-33-007 (roughly 4 acres) (Figure 2).

The Property is currently occupied by orchards, row crops, and seasonal grasses, with an agricultural compound containing several structures situated along the east-central portion of the Property. Residential structures, Santa Clara Valley Water District (SCVWD) equipment, and additional orchards are situated within the planned Peet Road realignment footprint. Review of historical records indicates that the Property has been used for orchard cultivation since at least the late 1930s.

2.0 PREVIOUS ENVIRONMENTAL REPORTS

ENGEO; Phase I Environmental Site Assessment, The Estates at San Sebastian (APN 728-34-027), Morgan Hill, California; September 19, 2011 Revised February 21, 2012.

ENGEO prepared a phase I environmental site assessment for the Property dated September 19, 2011 and revised February 21, 2012. The scope of services of the assessment included the following:

- A review of publicly available and practically reviewable standard local, state 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 and public sector officials.

- Preparation of a report with findings and conclusions.

During ENGEO's initial Phase I ESA (September 2011) previous environmental reports were reviewed. Of particular note was a Light, Air & Space (LA&S) report. A summary is below.

In October 2005, LA&S performed sub-surface soil sampling at the former underground storage tanks (USTs) location at 2280 Cochrane Road. The purpose of the sampling was to assess potential contamination at the former location of the USTs. Confirmation soil sampling confirmed non-detect levels for TPHG, ETBE, TAME, DIPE, DCA, and other relevant constituents. Xylene was detected in one sample at 16 µg/kg. TPHD was present at low levels (2.1 to 3.6 mg/kg), and according to LA&S observation, was relatively degraded. LA&S did not recommend any further work.

Based on the findings of ENGEO's 2011 assessment, no Recognized Environmental Conditions (RECs) and two historical RECs were identified for the Property.

- Three Underground Storage Tanks (USTs) containing petroleum products were removed from the Property approximately 20 years ago near the central agricultural compound. Confirmation soil sampling conducted in 2005 by Light, Air & Space Construction (LA&S) confirmed non-detect levels for TPHG, ETBE, TAME, DIPE, DCA, and other relevant constituents. Xylene was detected in one sample at 16 µg/kg. TPHD was present at low levels (2.1 to 3.6 mg/kg) and according to LA&S observation was relatively degraded. LA&S did not recommend any further work.

- Road oil for dust control (SC-70) allegedly overflowed into an onsite swale. A representative for Santa Clara County Environmental Health (SCCEH) was onsite to observe the impacted area and subsequent remediation. The SCCEH issued a No-Further-Action letter in 2004.

The 2011 assessment also identified the following features of potential environmental concern that were either contained in the databases or observed on the Property. These features were not considered to be RECs.

- The Property has a long history of agricultural cultivation. It is likely that some residual levels of organochlorine pesticides or other agrichemicals exist in near-surface soils.

- Three functioning Above Ground Storage Tanks (ASTs) containing petroleum products are located near the agricultural compound.

- An equipment and maintenance shed is located near the agricultural compound, which includes a below-grade oil pit, oil containers, gasoline, propane, antifreeze, and compressed gas.

- Several localized areas of stained pavement and or soil were observed within the Property, mostly located around the agricultural compound.

- Sulfur is stored and used onsite in connection with typical apricot processing procedures.

- Numerous below-grade greywater tanks and septic tanks, along with associated leach fields, exist within the Property boundaries.

- A chemical storage shed is located near the farming compound.

- Several past chemical mixing areas for agricultural use.

- Discarded debris items including, but not limited to farming equipment, engine motors, drums, storage tanks, tires, wood and metal are placed throughout the Property; mostly along the eastern Property boundary.

- A Historic Underground Storage Tank (HIST UST) is listed at 18145 Peet Road (APN 726-33-004). The tank reportedly stored approximately 350 gallons of unleaded fuel.

Based on the findings of the 2011 assessment, ENGEO recommended the following:

- A phase II environmental site assessment should be performed using a "phase by phase" development-based approach that includes soil sampling and laboratory analyses to assess and delineate potentially impacted areas. Based on the phasing diagram shown on Figure 6, the initial ±11-acre, 21-lot Phase 1A/1B development area is located in the northwestern portion of the Property. A sampling plan should be prepared to address potential agrichemical impacts within this initial development area.

- A "no further action" determination should be requested from SCCEH for the former USTs, prior to development of this area (Phase 13).

- The presence of the recorded UST at 18145 Peet Road should be confirmed so that the planned realignment of Peet Road is not impacted.

- Obtaining soil data for the additional Peet Road realignment area to confirm the area is suitable for the planned development.

ENGEO; Agrichemical Impact Assessment and Risk Evaluation, The Estates at San Sebastian (Cochrane Road, APN 728-34-027), Morgan Hill, California; December 13, 2011 Revised February 22, 2012.

Based on the findings and recommendations of the Phase I ESA initially performed in 2011, ENGEO performed an agrichemical impact assessment and risk evaluation. The purpose of the assessment was to evaluate the extent of agrichemical impacts resulting from historical agricultural practices that could affect the proposed development at the Property.

A near-surface soil investigation was conducted in November 2011. A total of 112 soil samples were collected from approximate depths of 3 to 9 inches below the ground surface. Discrete samples were analyzed for the presence of Organochlorine Pesticides (EPA 8081) and total arsenic.

Review of the laboratory test results found detectable concentrations of Organochlorine Pesticides including DDT/DDD/DDE, chlordane, and dieldrin. Based on a review of the laboratory analyses, dieldrin was identified as the only chemical of potential concern (COPC) at the Property, as the other pesticides reported concentrations were below levels of concern for residential development.

A statistical evaluation of the dieldrin distribution was performed following the methods established by the United States Environmental Protection Agency (USEPA). The analysis was performed using USEPA's ProUCL Version 4.00.02 software. Based on the statistical analysis, a 95 percent upper confidence level (UCL) of 29.04 µg/kg was calculated for dieldrin, which is below the CHHSL of 35 µg/kg. CAL-EPA has routinely accepted the 95 percent UCL as an approved method of evaluating a COPC for potential human health risks.

Based on the findings of the agrichemical impact assessment and risk evaluation, ENGEO concluded that the Property would be suitable for residential development.

3.0 SUPPLEMENTAL RECORDS RESEARCH

3.1 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:

3.1.1 Federal ASTM Standard/Supplemental Sources

3.1.1.1 Subject Property

The Property is not listed on the Federal ASTM Standard or supplemental sources.

3.1.1.2 Other Properties

The EDR database search did not list surrounding properties on the Federal ASTM Standard or supplemental sources.

3.1.2 State ASTM Standard/Supplemental Sources

3.1.2.1 Subject Property

The Property is listed on the State ASTM Standard and/or supplemental sources.

- HIST UST – Historic Underground Storage Tank Sites

S.G. Borello & Son Inc.	*2280 Cochrane Road*
Radulovich Dryer (Apricot Dryer)	*18145 Peet Road*

3.1.2.2 Other Properties

The following databases include facilities listed within the appropriate ASTM search distances of the Property on State ASTM Standard or supplemental sources.

- ENVIROSTOR (2)
- VCP (2)
- HIST UST (2)

3.1.3 Local ASTM Supplemental Sources

3.1.3.1 Subject Property

The Property is not listed on Local ASTM supplemental databases.

3.1.3.2 Other Properties

The following databases include facilities listed within the appropriate ASTM search distances of the Property on Local ASTM Standard or supplemental sources:

- HIST UST (2)
- RCRA-NonGen (1)
- HWT (1)

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. Properties that are on the “Orphan Summary”, are not expected to represent a risk to the Property based on data reviewed and/or appear to be located beyond the ASTM recommended radius search criteria.

3.2 GOVERNMENT AGENCIES

The following agencies were contacted pertaining to possible past development and/or activity at the Property.

- Morgan Hill Building and Planning Departments
- Morgan Hill Fire Department
- Santa Clara County Department of Environmental Health
- Santa Clara Valley Water District
- Santa Clara County Building and Planning Departments
- Santa Clara County Fire Department
- Santa Clara County Assessor's Office
- Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR)
- California Regional Water Quality Control Board
- Department of Toxic Substances Control

Morgan Hill Building and Planning Departments
The Morgan Hill Building and Planning Departments were contacted regarding files for the Property. A representative of the City Clerk's Office confirmed that no files were available and directed us to the County of Santa Clara.

Morgan Hill Fire Department
The Morgan Hill Fire Department was contacted regarding hazardous materials-related reports for the Property. A representative directed us to the Santa Clara County Fire Department for more information.

Santa Clara County Department of Environmental Health
The Santa Clara County Department of Environmental Health was contacted regarding files for the Property and nearby sites; however, they did not respond before publication of this report. Based on previously reviewed files, the following documents exist:

- 1986 – Hazardous Materials Inventory – 3 USTs and 1 AST with capacity ranging from 250 to 1,000 gallons.

- 1989 – Inspection – Note that storage tanks are all above ground and have secondary containment.

- 2004 – Site remediation for soil contamination associated with road oil used for dust control (SC-70) that allegedly overflowed into an onsite swale. A representative for Santa Clara County Environmental Health was onsite to observe the impacted area and subsequent remediation and subsequently issued a No-Further-Action letter in 2004.

No files were previously discovered for the address of 18145 Peet Road (alleged HIST UST).

Santa Clara Valley Water District

The Santa Clara Valley Water District (SCVWD) was contacted regarding past or present wells on the Property. A SCVWD representative produced well maps for the Property. The maps identify one active water supply for each of the following APNs: 728-34-027, 728-33-002, 728-33-003, 728-33-004, and 728-33-005. The planned realignment of Peet Road may encroach on the active well depicted on APN 728-33-003. The precise location of the water supply well should be verified.

Santa Clara County Building and Planning Departments

The Santa Clara County Building and Planning Departments were contacted regarding files for the Property; however, they did not respond before publication of this report.

Santa Clara County Fire Department

The Santa Clara County Fire Department was contacted regarding hazardous materials-related reports for the Property. A representative confirmed that no files were available for review.

Santa Clara County Assessor's Office

We reviewed the Santa Clara County Assessor's Office On-line Assessment Roll Information Inquiry and Retrieval website to confirm Property information. The website identified the Property APN as 728-34-027 and reported parcel acreage as 122.8 acres. The APNs for the additional portions of the Peet Road realignment were confirmed.

Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR)

We reviewed the Department of Conservation, Division of Oil, Gas, and Geothermal Resources On-line database. The website did not identify any oil or geothermal producing wells located on the Property.

California Regional Water Quality Control Board

The California State Water Resources Control Board GeoTracker website was viewed for information relating to LUFT and SLIC sites. The database identified two voluntary cleanup sites in the vicinity with historic contaminants of concern including dieldrin, toxaphene, and organochlroine pesticides. The sites are listed as Borello Saint Marks Property (NFA 9/18/2006, APN not specified, 13.6 acres) and Borello Property (Certified 10/7/2005. APN 778-34-3, 14 acres). The listed properties received No Further Action letters from DTSC in 2006 and 2005, respectively. We do not believe the listed sites would impact development at the subject Property.

Department of Toxic Substances Control

The Envirostor Database, maintained by Department of Toxic Substances Control (DTSC) was viewed for any listings of hazardous materials cleanups or storage records pertaining to the Property and surrounding parcels. The Envirostor database identified the above two voluntary sites with known historic impacts. As previously stated, we do not believe the listed sites would impact development at the subject Property.

4.0 SITE RECONNAISSANCE

4.1 METHODOLOGY

ENGEO conducted a reconnaissance of the Property on March 22, 2012. 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 are presented in Figure 5.

4.2 GENERAL SITE SETTING

The Property consists of orchards, row crops, and seasonal grasses, with an agricultural compound containing several structures situated along the east-central portion of the Property. The additional areas involved with the planned Peet Road alignment consists of residential structures, orchards, and SCVWD equipment.

4.3 OBSERVATIONS

Structures. Several structures were observed during the site reconnaissance, mostly around the access road and agricultural compound and consisted of residences, equipment/maintenance shed, chemical storage shed, office space, and other agricultural activities. A temporary residence supported on above-grade steel piers was observed under construction in the northeastern portion of the corner.

Hazardous Substances and Petroleum Products in Connection with Identified Uses. A few hazardous substances and petroleum products were observed within the Property during the site reconnaissance. The observed hazardous substances were associated with agricultural practices (pesticides, sulfur, etc). The petroleum products were associated with farm equipment and re-fueling engines. The previously mentioned products were generally stored in 5- to 55-gallon steel containers, with the smaller quantities stored in both plastic and steel containers. The containers in the equipment shed were generally placed on concrete, but without secondary containment. Agricultural chemicals were stored in their original packaging in a dedicated wooden shed slightly raised off the ground. Large 300-gallon plastic containers identified as “Soil Sulphites”, ranging from partially full to full, were observed in the agricultural compound. Miscellaneous containers found in the fields were placed on the ground and did not have secondary containment. Further, a few car batteries, tires, 5-gallon hydraulic oil containers, and air compressors were observed within APN 728-33-004, but were not within the planned Peet Road alignment.

Storage Tanks. Based on municipal records and anecdotal information, three USTs ranging from 250 to 1,000 gallons, which stored gasoline and diesel product, were removed near the agricultural compound next to the existing ASTs. Three above-ground storage tanks and several

underground greywater and septic storage tanks were observed and/or confirmed during the site reconnaissance. A reported 350-gallon HIST UST is associated with APN 728-33-004. No obvious indications were observed during the reconnaissance as to the exact location; but it is unlikely it is located within the planned Peet Road alignment.

Odors. No odors indicative of hazardous materials or petroleum material impacts were noted at the time of the reconnaissance, besides trace petroleum odors associated with open containers around the maintenance shed.

Pools of Potentially Hazardous Liquid. No pools of potentially hazardous liquid were observed within the Property at the time of our reconnaissance.

Drums. Numerous drums were observed on the Property at the time of the reconnaissance. The majority of the drums observed were empty and stored along the eastern boundary. As previously mentioned a few drums/containers were located within the equipment shed and contained petroleum products.

Hazardous Substance and Petroleum Product Containers. As previously mentioned, several hazardous substance and petroleum product containers were observed on the Property at the time of our reconnaissance

Polychlorinated Biphenyls (PCBs). No obvious PCB-containing materials, with the exception of a few pole-mounted transformers, were observed within the Property during our site reconnaissance.

Pits, Ponds and Lagoons. No pits, ponds or lagoons were observed within the Property at the time of our reconnaissance.

Stained Soil/Pavement. Minor stained soil and/or pavement was observed within the Property at the time of our reconnaissance, mostly around the equipment/maintenance shed.

Stressed Vegetation. No signs of stressed vegetation were observed on the Property at the time of our reconnaissance.

Solid Waste/Debris. A few small piles of debris including wood, scrap metal, etc. were observed throughout the Property. Large piles of tree and shrub remnants were observed in the central portion of the apricot orchard. A few stockpiles of soil were observed in the vicinity of the temporary residence under construction in the northeastern portion of the corner. A significant amount of equipment and miscellaneous items that included, but not limited to, engines, refrigerators, drums, and storage tanks were stored along the eastern boundary. No disposal of solid waste was observed at the subject property.

Wastewater. No wastewater conveyance systems were observed at the Property during the reconnaissance.

Wells. One well was confirmed within the Property during our site reconnaissance. The well is in the northwest portion and supplies the domestic and irrigation water for the Property. Santa Clara Valley Water District has one active water supply well listed for each of the following APNs: 728-34-027, 728-33-002, 728-33-003, 728-33-004, and 728-33-005.

Septic Systems. Through personal communications, we understand that numerous septic systems and leach fields exist within the Property.

4.4 INTERIOR OBSERVATIONS

The majority of the onsite structures included open-air sheds, office space, and residential living quarters. The largest interior section was within the maintenance shed, which consisted of concrete flooring with wood and metal framing, where various agricultural equipment is stored.

4.5 ASBESTOS-CONTAINING MATERIALS AND LEAD-BASED PAINT

An asbestos and lead-based paint survey was not conducted as part of this assessment. Given the age of the existing structures, it is conceivable that asbestos-containing materials and lead-based paint materials may exist within the structures.

4.6 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 21 tests were conducted within the Property zip code, with no 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 obvious 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.

5.0 SUMMARY AND CONCLUSIONS

A review of regulatory databases maintained by county, state and federal agencies found no documentation of hazardous materials violations or discharge on the Property; however, the referenced Phase I ESA commented that limited soil impacts were identified associated with the former USTs. In addition, it is conceivable that the alleged UST listed at 18145 Peet Road does not exist, given the omission of data at the City/County government level and previous

[1] California Department of Health Services – Division of Drinking Water and Environmental Management – Radon (http://www.cdph.ca.gov/HealthInfo/environhealth/Documents/Radon/CaliforniaRadonDatabase.pdf).

conversations with Mr. Patel (property owner of 18145 Peet Road) indicating Mr. Patel is unaware of the existence of any UST. No documented soil or groundwater contamination associated with abutting properties was found from the records research. Our reconnaissance did not find documentation or physical evidence of soil or groundwater impairments associated with the current or past use of the Property, other than the minor soil impacts associated with the former USTs.

Based on the findings of this assessment update, no RECs and two historical RECs were identified for the Property.

- Three Underground Storage Tanks (USTs) containing petroleum products were removed from the Property approximately 20 years ago near the central agricultural compound. Confirmation soil sampling conducted in 2005 by Light, Air & Space Construction (LA&S) confirmed non-detect levels for TPHG, ETBE, TAME, DIPE, DCA, and other relevant constituents. Xylene was detected in one sample at 16 µg/kg. TPHD was present at low levels (2.1 to 3.6 mg/kg) and according to LA&S observation was relatively degraded. LA&S did not recommend any further work. [APN 728-34-027].

- Road oil for dust control (SC-70) allegedly overflowed into an onsite swale. A representative for Santa Clara County Environmental Health (SCCEH) was onsite to observe the impacted area and subsequent remediation. The SCCEH issued a No-Further-Action letter in 2004. [APN 728-34-027].

Based on the review of regulatory databases and site reconnaissance, we present information on features of potential environmental concern that were either contained in the databases or observed on the Property. These features were not considered to be RECs. We briefly discuss each feature below:

- Three functioning Above Ground Storage Tanks (ASTs) containing petroleum products are located near the agricultural compound.[APN 728-34-027].

- An equipment and maintenance shed is located near the agricultural compound, which includes a below-grade oil pit, oil containers, gasoline, propane, antifreeze, and compressed gas. [APN 728-34-027].

- Several localized areas of stained pavement and or soil were observed within the Property, mostly located around the agricultural compound. [APN 728-34-027].

- Sulfur is stored and used onsite in connection with typical apricot processing procedures. [APN 728-34-027].

- Numerous below-grade greywater tanks and septic tanks, along with associated leech fields, exist within the Property boundaries. [APN 728-34-027].

- A chemical storage shed is located near the farming compound. [APN 728-34-027].

- Several past chemical mixing areas for agricultural use. [APN 728-34-027].

- Discarded debris items including, but not limited to farming equipment, engine motors, drums, storage tanks, tires, wood and metal are placed throughout the Property; mostly along the eastern Property boundary of APN 728-34-027.

- A Historic Underground Storage Tank (HIST UST) is listed at 18145 Peet Road (APN 726-33-004). The tank reportedly stored approximately 350 gallons of unleaded fuel.

Based on the findings of this assessment update, ENGEO recommends the following:

- A "no further action" determination should be requested from SCCEH for the former USTs, prior to development of this area (Phase 13). [APN 728-34-027].

- The presence of the recorded UST at 18145 Peet Road should be confirmed so that the planned realignment of Peet Road is not impacted. This may be accomplished by a geophysical survey, or having an environmental professional onsite during road realignment activities to observe if UST indicators are present. Given the planned realignment (roughly 75ft southwest of current location) it is unlikely the alleged UST would impact the realignment. [APN 728-33-004]

- Obtaining soil data for the Peet Road realignment area if that planned area is altered to include residential housing. If the current land use; road realignment and detention basin is maintained, we would not recommend sampling. [APNs 728-33-002, 728-33-003, 728-33-004, 728-33-005, 728-33-006, and 728-33-007].

6.0 LIMITATIONS AND UNIFORMITY OF CONDITIONS

The recommendations and conclusions presented in this environmental site assessment update were based on the findings of the referenced reports, along with supplemental record research, and a physical inspection of the Property. The findings of the report are based in part on contracted database research and personal communications. ENGEO Incorporated assumes no liability for the validity of the materials relied upon in the preparation of this report.

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.

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 typically valid for 180 days after completion of the report, particularly with regard to the regulatory database files. In some instances, the shelf life of the report can be less.

This Phase I environmental site assessment update is not intended to represent a complete soil or groundwater characterization. This assessment does not 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 detailed 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, and from any and all claims arising or resulting from clarifications, adjustments, modifications, discrepancies or other changes necessary to reflect changed field or other conditions.

The assessment did not include an asbestos survey, an evaluation of lead-based paint, an inspection of light ballasts for PCBs, or a mold survey.

Visual observations referenced in this report are intended only to represent site conditions at the time that this report was prepared. ENGEO would not be aware of site contamination, such as dumping and/or accidental spillage that occurred subsequent to this report.

ENGEO has prepared this report for the exclusive use of our client, San Sebastian MH General Partnership. 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.

SELECTED REFERENCES

ENGEO; Agrichemical Impact Assessment and Risk Evaluation, The Estates at San Sebastian (Cochrane Road, APN 728-34-027), Morgan Hill, California; December 13, 2011 Revised February 22, 2012.

ENGEO; Phase I Environmental Site Assessment, The Estates at San Sebastian (APN 728-34-027), Morgan Hill, California; September 19, 2011 Revised February 21, 2012.

United States Environmental Protection Agency Indoor Air Quality Website (http://ww2.cdph.ca.gov/HealthInfo/environhealth/Documents/Radon/CaliforniaRadonDatabase.pdf)

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BASE MAP SOURCE: MS STREETS AND TRIPS

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VICINITY MAP

THE ESTATES AT SAN SEBASTIAN

MORGAN HILL, CALIFORNIA

PROJECT NO.: 9301.000.001	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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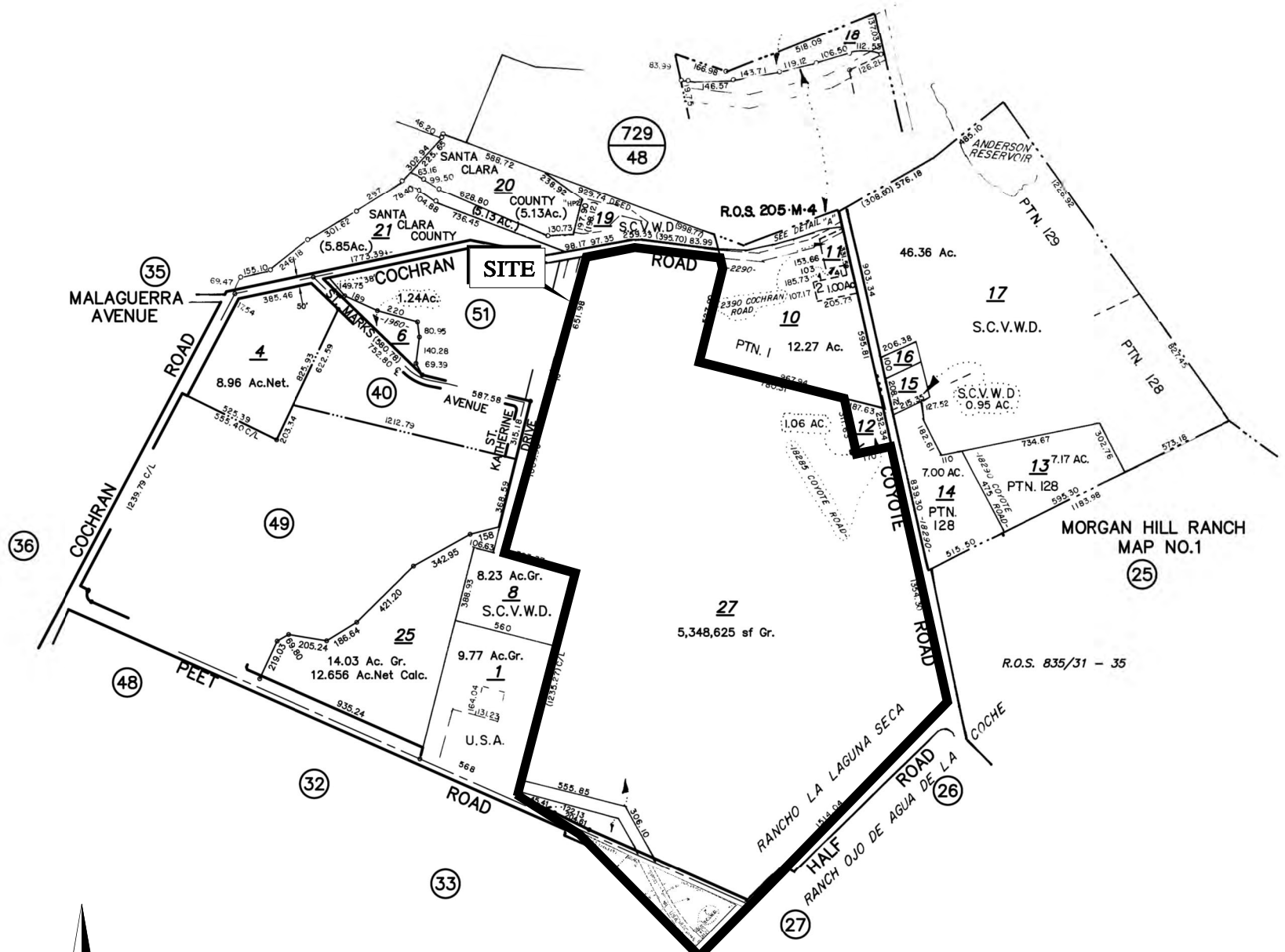

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ASSESSOR'S PARCEL MAP

THE ESTATES AT SAN SEBASTIAN

MORGAN HILL, CALIFORNIA

PROJECT NO.: 9301.000.001	FIGURE NO. 2
SCALE: AS SHOWN	
DRAWN BY: SRP	CHECKED BY: SPM

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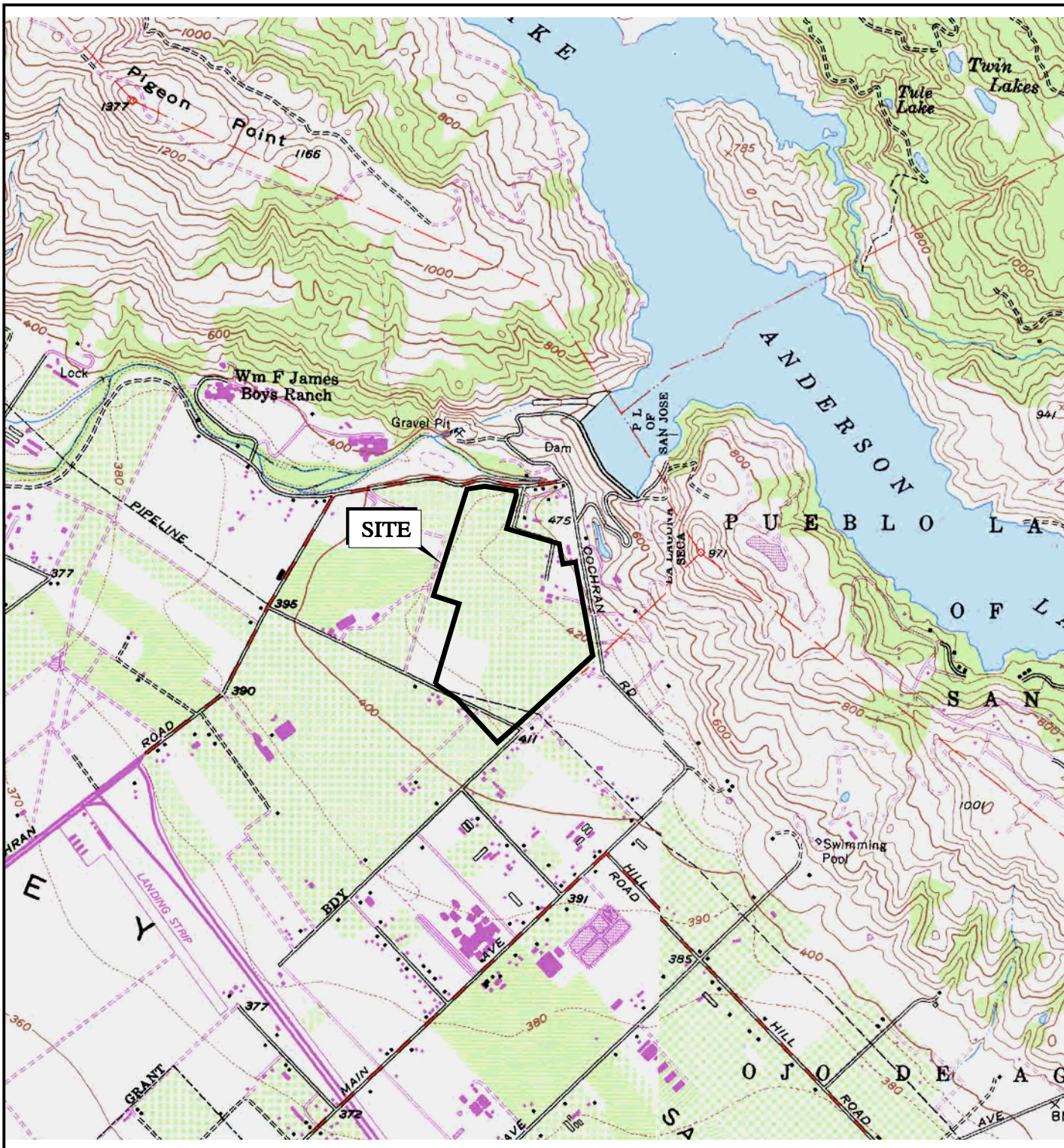

BASE MAP SOURCE: USGS, 1983

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TOPOGRAPHIC MAP

THE ESTATES AT SAN SEBASTIAN

MORGAN HILL, CALIFORNIA

PROJECT NO.: 9301.000.001		FIGURE NO. 3
SCALE: AS SHOWN		
DRAWN BY: SRP	CHECKED BY: SPM	

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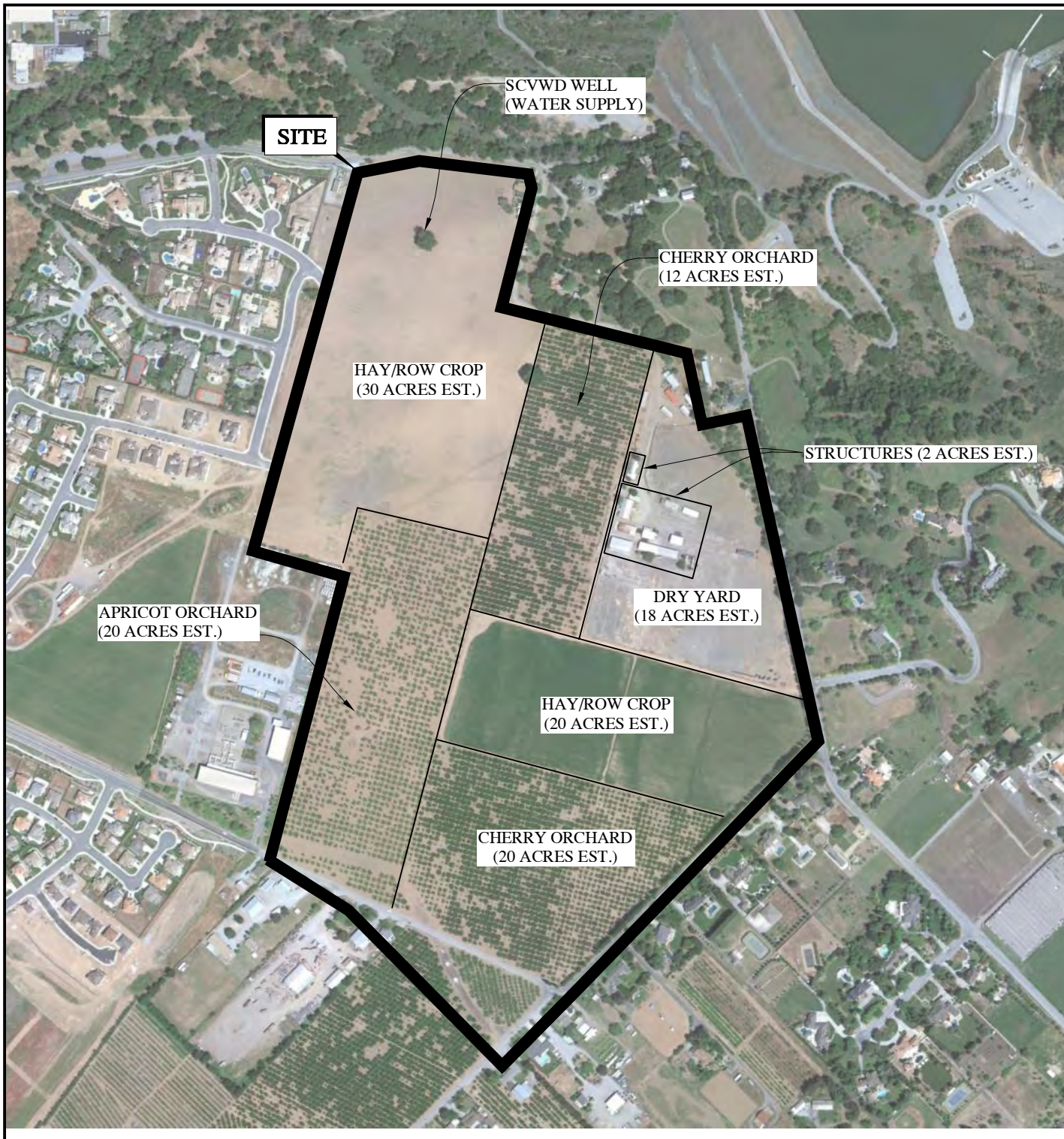

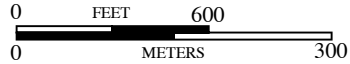

BASE MAP SOURCE: GOOGLE EARTH, 2009

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SITE PLAN

THE ESTATES AT SAN SEBASTIAN

MORGAN HILL, CALIFORNIA

PROJECT NO.: 9301.000.001	FIGURE NO. 4
SCALE: AS SHOWN	
DRAWN BY: SRP	CHECKED BY: SPM

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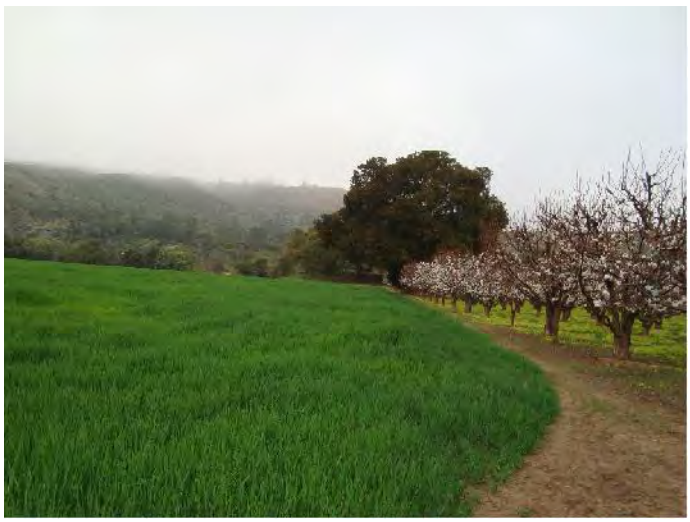
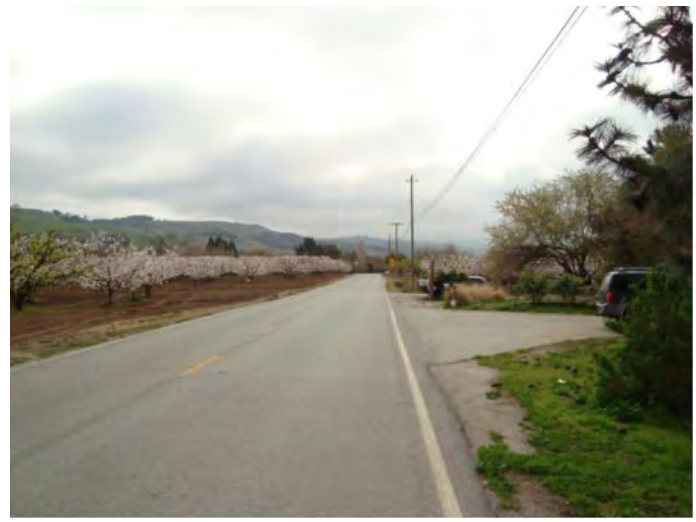


CENTRAL PORTION OF PROPERTY LOOKING NORTH ALONG ROW CROP AND CHERRY ORCHARD DIVIDE



LOOKING EAST ALONG PEET ROAD FROM 18145 PEET ROAD FRONTAGE

MIXING AREA A

ASTS WITH SECONDARY CONTAINMENT

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SITE PHOTOGRAPHS

THE ESTATES AT SAN SEBASTIAN

MORGAN HILL, CALIFORNIA

PROJECT NO.: 9301.000.001	FIGURE NO. 5A
SCALE: AS SHOWN	
DRAWN BY: SRP	CHECKED BY: SPM

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OIL PIT IN EQUIPMENT SHED

AST IN EQUIPMENT SHED CLOSET

EASTERN BOUNDARY DISCARDED MATERIALS

CONTAINERS OF SOIL PHOSPHATE LIQUIDS

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SITE PHOTOGRAPHS

THE ESTATES AT SAN SEBASTIAN

MORGAN HILL, CALIFORNIA

PROJECT NO.: 9301.000.001	FIGURE NO. 5B
SCALE: AS SHOWN	
DRAWN BY: SRP	CHECKED BY: SPM

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18145 PEET ROAD LOOKING NORTHEAST

EASTSIDE OF 18145 PEET ROAD

NEAR INTERSECTION OF PEET ROAD AND HALF ROAD

SCVWD EQUIPMENT ALONG HALF ROAD

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SITE PHOTOGRAPHS

THE ESTATES AT SAN SEBASTIAN

MORGAN HILL, CALIFORNIA

PROJECT NO.: 9301.000.001		FIGURE NO. 5C
SCALE: AS SHOWN		
DRAWN BY: SRP	CHECKED BY: SPM	

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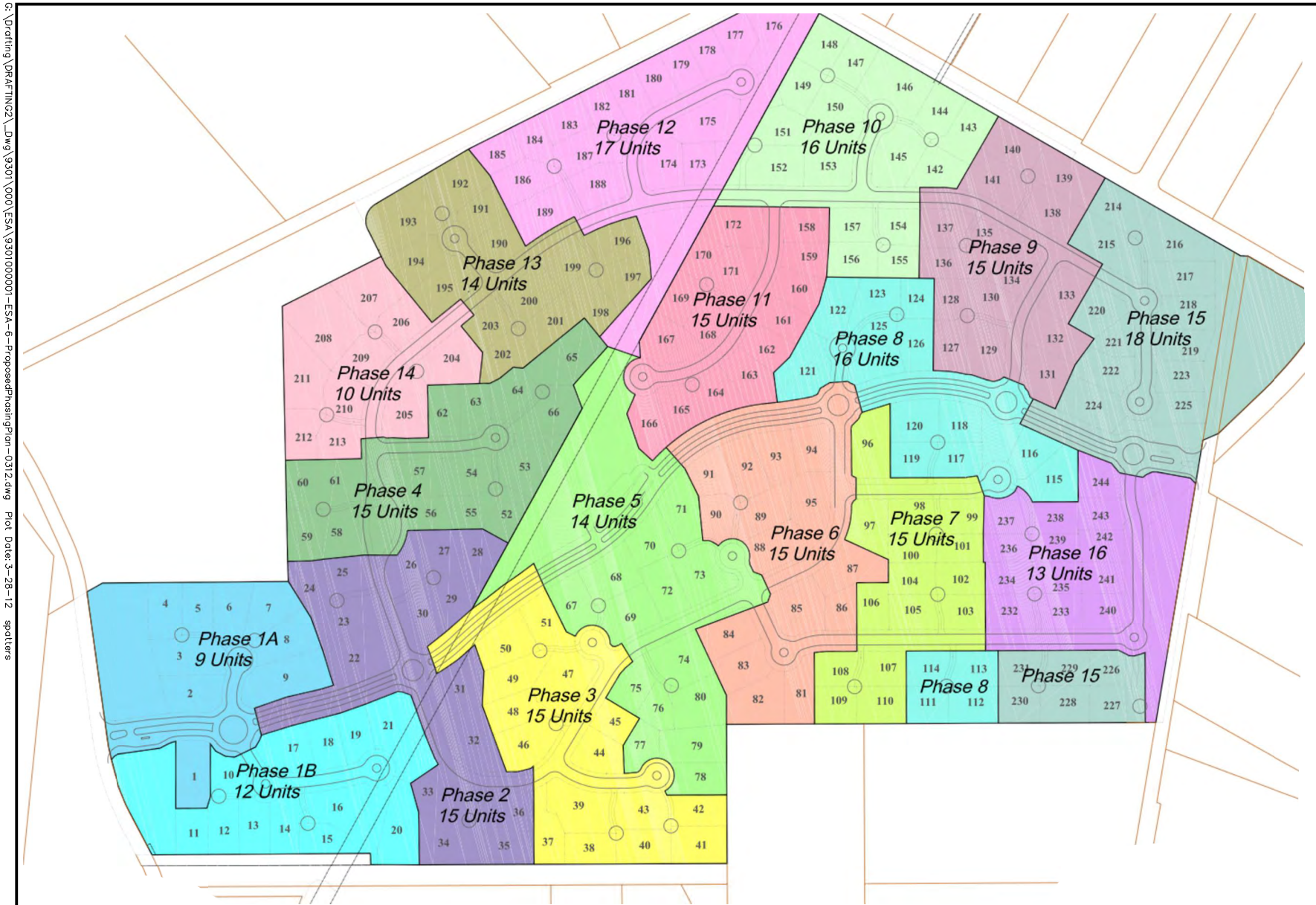

N

0 FEET 400

0 METERS 200

BASE MAP SOURCE: UNKNOWN

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PROPOSED DEVELOPMENT PHASING PLAN

THE ESTATES AT SAN SEBASTIAN

MORGAN HILL, CALIFORNIA

PROJECT NO.: 9301.000.001	FIGURE NO. 6
SCALE: AS SHOWN	
DRAWN BY: SRP	CHECKED BY: SPM

ORIGINAL FIGURE PRINTED IN COLOR

APPENDIX A

ENVIRONMENTAL DATA RESOURCES, INC.

Radius Map Report

APPENDIX A

The Estates At San Sebastian
2280 Cochrane Road
Morgan Hill, CA 95037

Inquiry Number: 3278155.2s
March 14, 2012

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	20
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Physical Setting SSURGO Soil Map	A-5
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2280 COCHRANE ROAD
MORGAN HILL, CA 95037

COORDINATES

Latitude (North):	37.1601000 - 37° 9' 36.36''
Longitude (West):	121.6339000 - 121° 38' 2.04''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	621301.0
UTM Y (Meters):	4113303.0
Elevation:	421 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37121-B6 MORGAN HILL, CA
Most Recent Revision:	1980
East Map:	37121-B5 MOUNT SIZER, CA
Most Recent Revision:	1978

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2009, 2010
Source:	USDA

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
S.G.BORELLO & SON INC. 2280 COCHRANE RD MORGAN HILL, CA 95037	HIST UST	N/A

EXECUTIVE SUMMARY

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

CERCLIS ---------- Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ---------- CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

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

EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Solid Waste Information System

State and tribal leaking storage tank lists

LUST ---------- Geotracker's Leaking Underground Fuel Tank Report
SLIC ---------- Statewide SLIC Cases
HIST LUST ---------- HIST LUST - Fuel Leak Site Activity Report
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST ---------- Active UST Facilities
AST ---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---------- Underground Storage Tanks on Indian Land
FEMA UST ---------- Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---------- Open Dump Inventory
WMUDS/SWAT ---------- Waste Management Unit Database
SWRCY ---------- Recycler Database
HAULERS ---------- Registered Waste Tire Haulers Listing
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ---------- Clandestine Drug Labs
HIST Cal-Sites ---------- Historical Calsites Database
SCH ---------- School Property Evaluation Program
Toxic Pits ---------- Toxic Pits Cleanup Act Sites
CDL ---------- Clandestine Drug Labs
US HIST CDL ---------- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST ---------- Facility Inventory Database
SWEEPS UST ---------- SWEEPS UST Listing

Local Land Records

LIENS 2 ---------- CERCLA Lien Information

LUCIS Land Use Control Information System
LIENS Environmental Liens Listing
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

Other Ascertainable Records

DOT OPS Incident and Accident Data
DOD Department of Defense Sites
FUDS Formerly Used Defense Sites
CONSENT Superfund (CERCLA) Consent Decrees
ROD Records Of Decision
UMTRA Uranium Mill Tailings Sites
MINES Mines Master Index File
TRIS Toxic Chemical Release Inventory System
TSCA Toxic Substances Control Act
FTTS FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS FIFRA/TSCA Tracking System Administrative Case Listing
SSTS Section 7 Tracking Systems
ICIS Integrated Compliance Information System
PADS PCB Activity Database System
MLTS Material Licensing Tracking System
RADINFO Radiation Information Database
FINDS Facility Index System/Facility Registry System
RAATS RCRA Administrative Action Tracking System
CA BOND EXP. PLAN Bond Expenditure Plan
NPDES NPDES Permits Listing
WDS Waste Discharge System
Cortese "Cortese" Hazardous Waste & Substances Sites List
HIST CORTESE Hazardous Waste & Substance Site List
SAN JOSE HAZMAT Hazardous Material Facilities
Notify 65 Proposition 65 Records
DRYCLEANERS Cleaner Facilities
WIP Well Investigation Program Case List
ENF Enforcement Action Listing
HAZNET Facility and Manifest Data
EMI Emissions Inventory Data
INDIAN RESERV Indian Reservations
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER PCB Transformer Registration Database
FINANCIAL ASSURANCE Financial Assurance Information Listing
HWP EnviroStor Permitted Facilities Listing
PROC Certified Processors Database
MWMP Medical Waste Management Program Listing
COAL ASH DOE Sleam-Electric Plan Operation Data
COAL ASH EPA Coal Combustion Residues Surface Impoundments List

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

EDR Historical Auto Stations EDR Proprietary Historic Gas Stations
EDR Historical Cleaners EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

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 02/07/2012 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BORELLO PROPERTY Status: Certified	***COCHRAN ROAD AND PEET R***	***WNW 0 - 1/8 (0.062 mi.)***	***6***	***11***
BORELLO ST. MARKS PROPERTY Status: No Further Action	***COCHRAN ROAD AND SAINT***	***WNW 1/8 - 1/4 (0.227 mi.)***	***8***	***16***

State and tribal voluntary cleanup sites

VCP: 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.

A review of the VCP list, as provided by EDR, and dated 02/07/2012 has revealed that there are 2 VCP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BORELLO PROPERTY	***COCHRAN ROAD AND PEET R***	***WNW 0 - 1/8 (0.062 mi.)***	***6***	***11***
BORELLO ST. MARKS PROPERTY	***COCHRAN ROAD AND SAINT***	***WNW 1/8 - 1/4 (0.227 mi.)***	***8***	***16***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 HIST UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
RADULOVICH DRYER	***18145 PEET RD***	***0 - 1/8 (0.000 mi.)***	***2***	***8***
HAROLD E. THOMAS	2290-A COCHRANE RD	ENE 0 - 1/8 (0.014 mi.)	5	11
MARIANI ORCHARDS	1615 HALF RD	SW 1/8 - 1/4 (0.176 mi.)	7	16

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 11/10/2011 has revealed that there is 1 RCRA-NonGen site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BILL JACOBSON TRUCKING CO INC	***1780 HALF RD***	***SE 0 - 1/8 (0.005 mi.)***	***A4***	***9***

HWT: 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.

A review of the HWT list, as provided by EDR, and dated 01/18/2012 has revealed that there is 1 HWT site within approximately 0.25 miles of the target property.

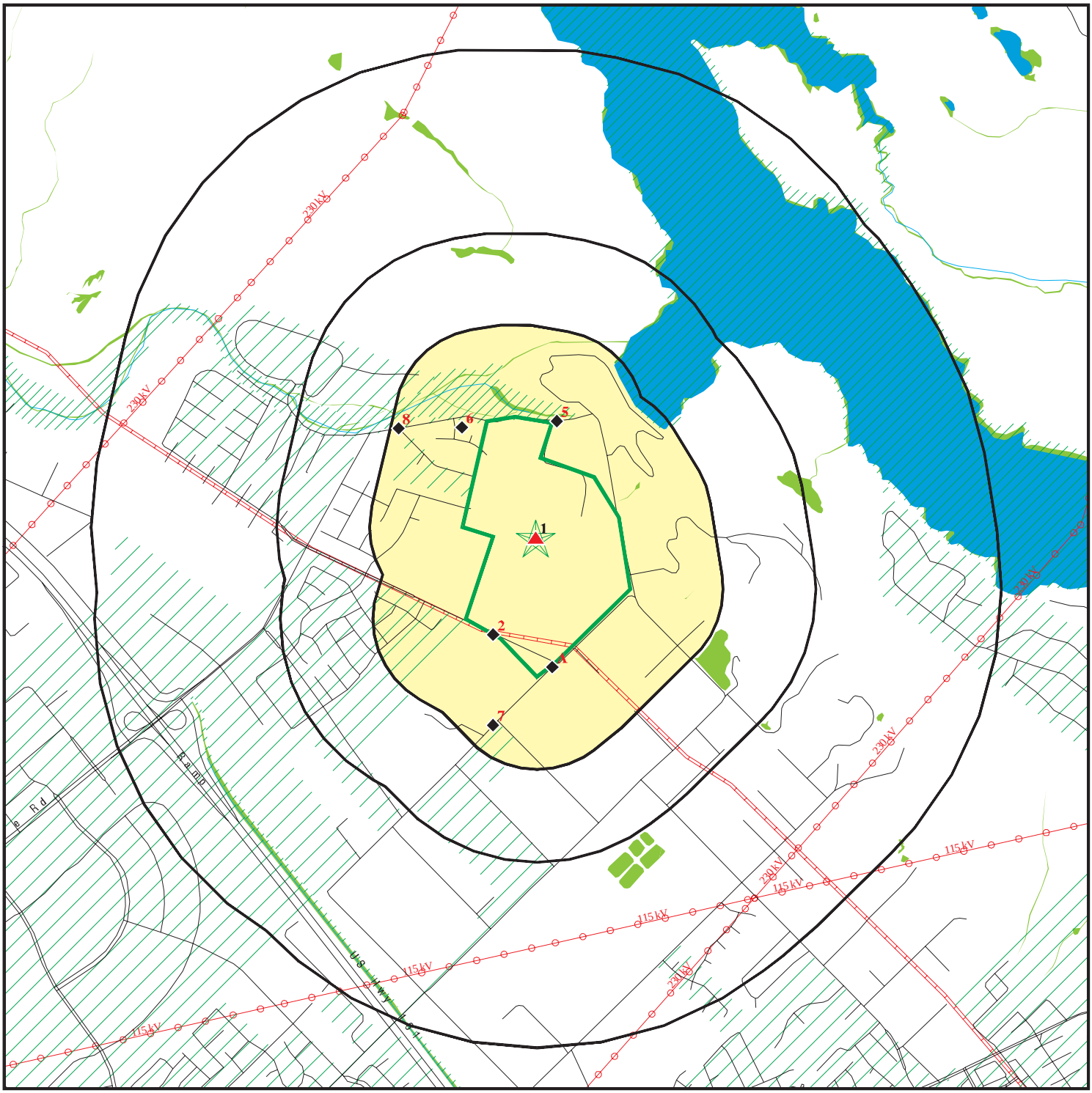
Lower Elevation	Address	Direction / Distance	Map ID	Page
BILL JACOBSON TRUCKING CO. INC	1780 HALF ROAD	SE 0 - 1/8 (0.005 mi.)	A3	9

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

Site Name	Database(s)
UVAS ESTATES	NPDES
SAN SAVIGNO	NPDES
SAN FELIPE RD. GAS CYL.	CERC-NFRAP
SB 101 BETW TENANT AVE THROUGH SAN	ERNS

OVERVIEW MAP - 3278155.2s



- 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
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- 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: The Estates At San Sebastian ADDRESS: 2280 Cochrane Road Morgan Hill CA 95037 LAT/LONG: 37.1601 / 121.6339	CLIENT: Engeo CONTACT: Scott Johns INQUIRY #: 3278155.2s DATE: March 14, 2012 5:54 pm

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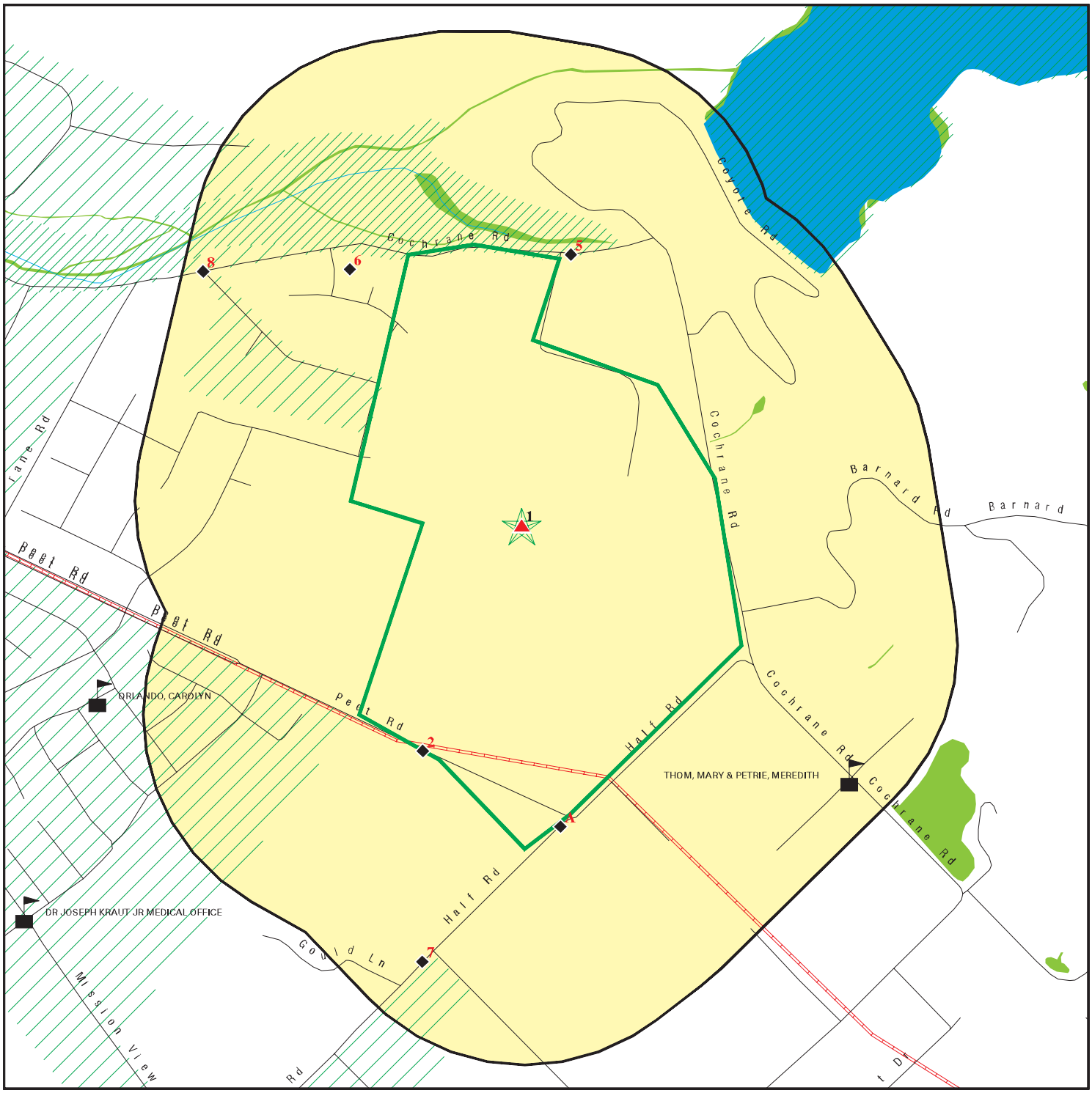
DETAIL MAP - 3278155.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- 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: The Estates At San Sebastian	CLIENT: Engeo
ADDRESS: 2280 Cochrane Road Morgan Hill CA 95037	CONTACT: Scott Johns INQUIRY #: 3278155.2s
LAT/LONG: 37.1601 / 121.6339	DATE: March 14, 2012 5:55 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	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
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	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		1	1	0	0	NR	2
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	0	0	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
HIST LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
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
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		1	1	0	NR	NR	2
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250	1	2	1	NR	NR	NR	4
SWEEPS UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0

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
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250		1	0	NR	NR	NR	1
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
SAN JOSE HAZMAT	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
PROC	0.500		0	0	0	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
HWT	0.250		1	0	NR	NR	NR	1
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants	1.000		0	0	0	0	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
EDR Historical Auto Stations	0.250		0	0	NR	NR	NR	0
EDR Historical Cleaners	0.250		0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1 **S.G.BORELLO & SON INC.** **HIST UST** **U001601614**
Target **2280 COCHRANE RD** **N/A**
Property **MORGAN HILL, CA 95037**

Actual:
421 ft.

HIST UST:
Region: STATE
Facility ID: 00000048758
Facility Type: Other
Other Type: FARMING
Total Tanks: 0003
Contact Name: Not reported
Telephone: 4087792417
Owner Name: S.G.BORELLO & SON INC.
Owner Address: 2280 COCHRAN RD.
Owner City,St,Zip: MORGAN HILL, CA 95037

Tank Num: 001
Container Num: 4
Year Installed: 1965
Tank Capacity: 00000250
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 5
Year Installed: 1975
Tank Capacity: 00000940
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 6
Year Installed: 1965
Tank Capacity: 00000300
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor

---

2 **RADULOVICH DRYER** **HIST UST** **U001601601**
18145 PEET RD **HAZNET** **N/A**
< 1/8 **MORGAN HILL, CA 95037**
0.000 mi.
2 ft.

Relative:
Lower

Actual:
410 ft.

HIST UST:
Region: STATE
Facility ID: 00000047703
Facility Type: Other
Other Type: APRICOT DRYER
Total Tanks: 0001
Contact Name: Not reported
Telephone: 4087799695
Owner Name: PETE RADULOVICH
Owner Address: 18145 PEET RD.
Owner City,St,Zip: MORGAN HILL, CA 95037

RADULOVICH DRYER (Continued) **U001601601**

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000350
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

HAZNET:
Year: 2007
Gepaid: CAC002610644
Contact: HASU PATEL
Telephone: 4088401536
Mailing Name: Not reported
Mailing Address: 10450 TEMBLADERA ST
Mailing City,St,Zip: CASTROVILLE, CA 950123334
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.33
Facility County: Santa Clara

A3 **BILL JACOBSON TRUCKING CO. INC.** **HWT** **S109517428**
SE **1780 HALF ROAD** **N/A**
< 1/8 **MORGAN HILL, CA 95037**
0.005 mi.
24 ft. **Site 1 of 2 in cluster A**

Relative:
Lower

Actual:
413 ft.

HWT:
Reg Num: 5177
Expiration Date: 2011-11-30 00:00:00

A4 **BILL JACOBSON TRUCKING CO INC** **RCRA-NonGen** **1001959897**
SE **1780 HALF RD** **FINDS** **CAR000065938**
< 1/8 **MORGAN HILL, CA 95037** **HAZNET**
0.005 mi.
24 ft. **Site 2 of 2 in cluster A**

Relative:
Lower

Actual:
413 ft.

RCRA-NonGen:
Date form received by agency: 02/14/2000
Facility name: BILL JACOBSON TRUCKING CO INC
Facility address: 1780 HALF RD
MORGAN HILL, CA 95037
EPA ID: CAR000065938
Contact: BILL JACOBSON
Contact address: 1780 HALF RD
MORGAN HILL, CA 95037
Contact country: US
Contact telephone: (408) 779-6515
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator

BILL JACOBSON TRUCKING CO INC (Continued) **1001959897**

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: BILL AND DEBBIE JACOBSON
Owner/operator address: 1780 HALF RD
MORGAN HILL, CA 95037
Owner/operator country: Not reported
Owner/operator telephone: (408) 779-6515
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002932863

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
Year: 2005
Gepaid: CAL000261483
Contact: DEBBIE JACOBSEN
Telephone: 4087796515
Mailing Name: Not reported

BILL JACOBSON TRUCKING CO INC (Continued) **1001959897**

Mailing Address: 1780 HALF RD
Mailing City,St,Zip: MORGAN HILL, CA 95037
Gen County: Santa Clara
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: R01
Tons: 0.22
Facility County: Not reported

5
ENE
< 1/8
0.014 mi.
75 ft.

HAROLD E. THOMAS **HIST UST** **U001601548**
2290-A COCHRANE RD **N/A**
MORGAN HILL, CA 95037

Relative:
Lower

Actual:
406 ft.

HIST UST:
Region: STATE
Facility ID: 00000022021
Facility Type: Other
Other Type: FARM
Total Tanks: 0002
Contact Name: Not reported
Telephone: 4087793562
Owner Name: HAROLD E. THOMAS
Owner Address: 2290-A COCHRANE RD
Owner City,St,Zip: MORGAN HILL, CA 95037

Tank Num: 001
Container Num: #2
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: None

Tank Num: 002
Container Num: #1
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

6
WNW
< 1/8
0.062 mi.
327 ft.

BORELLO PROPERTY **VCP** **S106568334**
COCHRAN ROAD AND PEET ROAD **ENVIROSTOR** **N/A**
MORGAN HILL, CA 95037

Relative:
Lower

Actual:
405 ft.

VCP:
Facility ID: 43010033
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup

BORELLO PROPERTY (Continued) **S106568334**

Site Mgmt. Req.:	NONE SPECIFIED
Acres:	14
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Mitigation And Brownfield Reuse Program
Project Manager:	Jacinto Soto
Supervisor:	Mark Piros
Division Branch:	Cleanup Berkeley
Site Code:	201563
Assembly:	27
Senate:	15
Special Programs Code:	Voluntary Cleanup Program
Status:	Certified
Status Date:	10/07/2005
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.15923 / -121.6406
APN:	778-34-3
Past Use:	AGRICULTURAL - ORCHARD
Potential COC:	30023, 30207
Confirmed COC:	30023,30207
Potential Description:	SOIL
Alias Name:	COCHRAN ROAD FARMS
Alias Type:	Alternate Name
Alias Name:	778-34-3
Alias Type:	APN
Alias Name:	110033619145
Alias Type:	EPA (FRS #)
Alias Name:	201563
Alias Type:	Project Code (Site Code)
Alias Name:	43010033
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	10/07/2005
Comments:	Approved report documenting the in-situ treatment of the pesticide contaminated soils.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	06/30/2005
Comments:	Removal Action Workplan approved which identifies bio-remediaton as the preferred cleanup method. Through the addition of Factor and fertilizers, the population of soil bacteria will grow and consume the residual pesticides as a source of food. When the remediation of the soil is complete, the bacterial populations will return back to normal levels. Residential cleanup levels are expected to be achieved within 6 months.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	05/01/2005

BORELLO PROPERTY (Continued) **S106568334**

Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	04/28/2004
Comments:	Report detailing shallow soil sampling. This report was provided as background. No DTSc approval letter exists.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Community Profile
Completed Date:	04/01/2005
Comments:	Community Profile report
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Pilot Study/Treatability Workplan
Completed Date:	06/15/2004
Comments:	Pilot study workplan to evaluate the effectiveness of the bio-remediating toxaphene impacted soils.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Pilot/Treatability Study Report
Completed Date:	11/30/2004
Comments:	Results of the pilot study. Bio-remediation factor appears to work.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	09/24/2004
Comments:	Voluntary Cleanup Agreement (VCA) signed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	10/07/2005
Comments:	Site certified as remediated for residential development.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	06/30/2005
Comments:	NOE
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

BORELLO PROPERTY (Continued) **S106568334**

ENVIROSTOR:
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 14
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Jacinto Soto
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Facility ID: 43010033
Site Code: 201563
Assembly: 27
Senate: 15
Special Program: Voluntary Cleanup Program
Status: Certified
Status Date: 10/07/2005
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.15923
Longitude: -121.6406
APN: 778-34-3
Past Use: AGRICULTURAL - ORCHARD
Potential COC: 30023, 30207
Confirmed COC: 30023,30207
Potential Description: SOIL
Alias Name: COCHRAN ROAD FARMS
Alias Type: Alternate Name
Alias Name: 778-34-3
Alias Type: APN
Alias Name: 110033619145
Alias Type: EPA (FRS #)
Alias Name: 201563
Alias Type: Project Code (Site Code)
Alias Name: 43010033
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 10/07/2005
Comments: Approved report documenting the in-situ treatment of the pesticide contaminated soils.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/30/2005
Comments: Removal Action Workplan approved which identifies bio-remediaton as the preferred cleanup method. Through the addition of Factor and fertilizers, the population of soil bacteria will grow and consume the residual pesticides as a source of food. When the remediation of the soil is complete, the bacterial populations will return back to normal levels. Residential cleanup levels are expected to be achieved within 6 months.

BORELLO PROPERTY (Continued) **S106568334**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/01/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 04/28/2004
Comments: Report detailing shallow soil sampling. This report was provided as background. No DTSc approval letter exists.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/01/2005
Comments: Community Profile report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 06/15/2004
Comments: Pilot study workplan to evaluate the effectiveness of the bio-remediating toxaphene impacted soils.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 11/30/2004
Comments: Results of the pilot study. Bio-remediation factor appears to work.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 09/24/2004
Comments: Voluntary Cleanup Agreement (VCA) signed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 10/07/2005
Comments: Site certified as remediated for residential development.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/30/2005
Comments: NOE

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

BORELLO PROPERTY (Continued) **S106568334**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

7
SW
1/8-1/4
0.176 mi.
931 ft.

MARIANI ORCHARDS **HIST UST** **U001601582**
1615 HALF RD **N/A**
MORGAN HILL, CA 95037

Relative:
Lower

Actual:
402 ft.

HIST UST:

Region:	STATE
Facility ID:	00000038274
Facility Type:	Not reported
Other Type:	FARMING
Total Tanks:	0002
Contact Name:	MITCHELL MARIANI
Telephone:	4087795467
Owner Name:	MITCHELL MARIANA
Owner Address:	1615 HALF ROAD
Owner City,St,Zip:	MORGAN HILL, CA 95037
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1960
Tank Capacity:	00000330
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	Not reported
Leak Detection:	Stock Inventor

8
WNW
1/8-1/4
0.227 mi.
1197 ft.

BORELLO ST. MARKS PROPERTY **VCP** **S107770194**
COCHRAN ROAD AND SAINT MARKS AVENUE **ENVIROSTOR** **N/A**
MORGAN HILL, CA 95037

Relative:
Lower

Actual:
402 ft.

VCP:

Facility ID:	60000323
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	13.6
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Mitigation And Brownfield Reuse Program
Project Manager:	Katharine Hilf

BORELLO ST. MARKS PROPERTY (Continued) **S107770194**

Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Site Code:	201662
Assembly:	27
Senate:	15
Special Programs Code:	Voluntary Cleanup Program
Status:	No Further Action
Status Date:	09/18/2006
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.16423 / -121.6389
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	30004, 30006, 30007, 30008, 30010, 30207
Confirmed COC:	30207,30004,30006,30007,30008,30010
Potential Description:	SOIL
Alias Name:	110033619154
Alias Type:	EPA (FRS #)
Alias Name:	201662
Alias Type:	Project Code (Site Code)
Alias Name:	60000323
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	09/18/2006
Comments:	The site does not appear to pose a threat to human health or the environment under a residential land use scenario. Therefore, DTSC determines that no further action is necessary with respect to investigation and remediation of hazardous substances at the property. If previously unidentified contamination is discovered at the site, additional assessment, investigation and/or cleanup may be required.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	*Voluntary Cleanup Agreement Completion
Completed Date:	09/18/2006
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	06/29/2006
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

BORELLO ST. MARKS PROPERTY (Continued) **S107770194**

ENVIROSTOR:

Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	13.6
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Katharine Hilf
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Facility ID:	60000323
Site Code:	201662
Assembly:	27
Senate:	15
Special Program:	Voluntary Cleanup Program
Status:	No Further Action
Status Date:	09/18/2006
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.16423
Longitude:	-121.6389
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	30004, 30006, 30007, 30008, 30010, 30207
Confirmed COC:	30207,30004,30006,30007,30008,30010
Potential Description:	SOIL
Alias Name:	110033619154
Alias Type:	EPA (FRS #)
Alias Name:	201662
Alias Type:	Project Code (Site Code)
Alias Name:	60000323
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	09/18/2006
Comments:	The site does not appear to pose a threat to human health or the environment under a residential land use scenario. Therefore, DTSC determines that no further action is necessary with respect to investigation and remediation of hazardous substances at the property. If previously unidentified contamination is discovered at the site, additional assessment, investigation and/or cleanup may be required.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	*Voluntary Cleanup Agreement Completion
Completed Date:	09/18/2006
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	06/29/2006

BORELLO ST. MARKS PROPERTY (Continued) **S107770194**

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

Count: 4 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MORGAN HILL	93307647	SB 101 BETW TENANT AVE THROUGH SAN	SB 101 BETW TENANT AVE THROUGH	95037	ERNS
MORGAN HILL	S109463699	UVAS ESTATES	EASTMAN CANYON RD AT UVAS RD	95037	NPDES
MORGAN HILL	1003879839	SAN FELIPE RD. GAS CYL.	LOT # 7 SAN FELIPE ROAD	95037	CERC-NFRAP
SANTA CLARA	S110735895	SAN SAVIGNO	INTERSECTION OF EAST MAIN AVE	95037	NPDES

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: 09/07/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 141

Source: EPA
Telephone: N/A
Last EDR Contact: 02/29/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

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: 09/07/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 141

Source: EPA
Telephone: N/A
Last EDR Contact: 02/29/2012
Next Scheduled EDR Contact: 04/23/2012
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: 09/07/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 141

Source: EPA
Telephone: N/A
Last EDR Contact: 02/29/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/27/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

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: 12/10/2010
Date Data Arrived at EDR: 01/11/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/13/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This 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 a potential NPL site.

Date of Government Version: 12/28/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
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: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
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: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
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: 10/03/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/18/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 02/07/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 15

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/07/2012
Next Scheduled EDR Contact: 05/21/2012
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: 02/07/2012
Date Data Arrived at EDR: 02/07/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 15

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/07/2012
Next Scheduled EDR Contact: 05/21/2012
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: 11/21/2011
Date Data Arrived at EDR: 11/22/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 21

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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 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: Quarterly

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 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 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 01/20/2012
Date Data Arrived at EDR: 01/20/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 32

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

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

SLIC: Statewide SLIC Cases

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: 01/20/2012
Date Data Arrived at EDR: 01/20/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 32

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/02/2012
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

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
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: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

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: 12/05/2011
Date Data Arrived at EDR: 12/07/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 34
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/01/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 50
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/20/2012
Date Data Arrived at EDR: 01/20/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 33
Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21
Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 42
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/01/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 50
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 07/01/2011
Date Data Arrived at EDR: 08/26/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 18

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/16/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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

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: 02/07/2012
Date Data Arrived at EDR: 02/07/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 15
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/07/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Quarterly

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: 08/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/06/2012
Next Scheduled EDR Contact: 04/16/2012
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: 06/27/2011
Date Data Arrived at EDR: 06/27/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 78
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: No Update Planned

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 12/12/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 31

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 01/20/2012
Date Data Arrived at EDR: 01/24/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 28

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/04/2012
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: 02/06/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 10/07/2011
Date Data Arrived at EDR: 12/09/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 32

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/06/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: Quarterly

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: 02/07/2012
Date Data Arrived at EDR: 02/07/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 15

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/07/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/14/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 02/07/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 06/18/2012
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

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

Local Land Records

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: 09/09/2011
Date Data Arrived at EDR: 09/16/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

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: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 12/16/2011
Date Data Arrived at EDR: 12/16/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 12/12/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/13/2012
Next Scheduled EDR Contact: 06/25/2012
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: 10/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 05/03/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 43

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 01/20/2012
Date Data Arrived at EDR: 01/20/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 32

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 01/20/2012
Date Data Arrived at EDR: 01/20/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 32

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/29/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 94

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/07/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Semi-Annually

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: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
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: 12/01/2011
Date Data Arrived at EDR: 01/25/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 36

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

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: 09/28/2011
Date Data Arrived at EDR: 12/14/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 27

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/14/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/28/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/07/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: Semi-Annually

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: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/28/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Annually

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: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
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

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Annually

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: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 01/12/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/12/2012
Next Scheduled EDR Contact: 04/23/2012
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: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/13/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

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

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: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Biennially

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

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/21/2011
Date Data Arrived at EDR: 11/22/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Quarterly

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: 01/03/2012
Date Data Arrived at EDR: 01/03/2012
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 16

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/16/2012
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

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: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/20/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: No Update Planned

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: 01/19/2012
Date Data Arrived at EDR: 01/19/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 33

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Annually

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: 01/23/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/15/2011
Date Data Arrived at EDR: 08/23/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 41

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 05/14/2012
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.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/19/2011
Date Made Active in Reports: 08/16/2011
Number of Days to Update: 28

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
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: 12/31/2008
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 19

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/30/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/06/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Varies

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/12/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 31

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
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: 12/07/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan 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: 01/18/2012
Next Scheduled EDR Contact: 04/30/2012
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: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/08/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

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: 01/18/2012
Date Data Arrived at EDR: 01/18/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/18/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/09/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 9
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/02/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/29/2011
Date Data Arrived at EDR: 11/30/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 13
Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 06/01/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 28
Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339
Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: N/A

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: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: 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 Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

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 Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

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

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: 01/12/2012
Date Data Arrived at EDR: 01/13/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 39

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/30/2011
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/12/2012
Date Data Arrived at EDR: 01/13/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 42

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/30/2011
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 14

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/07/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/20/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/29/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 35

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/17/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/23/2012
Date Data Arrived at EDR: 01/24/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 28

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/24/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 11/17/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/29/2011
Date Data Arrived at EDR: 02/02/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 19
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/23/2012
Date Data Arrived at EDR: 01/25/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 28
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 04/06/2012
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: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 03/05/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/16/2012
Date Data Arrived at EDR: 01/18/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 35
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/16/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 01/13/2012
Date Data Arrived at EDR: 01/24/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 29
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/09/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/05/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: No Update Planned

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 02/01/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 4

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/01/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 4

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/18/2011
Date Made Active in Reports: 12/14/2011
Number of Days to Update: 26

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/12/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 37

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/26/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 26

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/26/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 29
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/26/2012
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: 08/02/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 11/08/2011
Number of Days to Update: 27
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/13/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2011
Date Data Arrived at EDR: 10/14/2011
Date Made Active in Reports: 11/08/2011
Number of Days to Update: 25
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/13/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/30/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 12/16/2011
Number of Days to Update: 15
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/09/2010
Date Data Arrived at EDR: 09/15/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 14
Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/16/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 39
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
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: 01/18/2012
Date Data Arrived at EDR: 01/18/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 35
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 01/09/2012
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/17/2012
Date Data Arrived at EDR: 01/17/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 35
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 12/15/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 35
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

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: 12/05/2011
Date Data Arrived at EDR: 12/09/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 41
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 03/05/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 4
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 12/19/2011
Date Data Arrived at EDR: 01/06/2012
Date Made Active in Reports: 01/27/2012
Number of Days to Update: 21
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 12/19/2011
Date Data Arrived at EDR: 01/17/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 38
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/05/2011
Date Data Arrived at EDR: 04/06/2011
Date Made Active in Reports: 05/12/2011
Number of Days to Update: 36

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/12/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 01/17/2012
Number of Days to Update: 35

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Semi-Annually

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: 10/27/2011
Date Data Arrived at EDR: 11/23/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 20

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
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: 01/09/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
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: 12/27/2011
Date Data Arrived at EDR: 02/03/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 18

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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: 12/01/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/17/2012
Number of Days to Update: 29

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/28/2011
Date Data Arrived at EDR: 01/06/2012
Date Made Active in Reports: 01/17/2012
Number of Days to Update: 11

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Annually

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: 11/21/2011
Date Data Arrived at EDR: 11/22/2011
Date Made Active in Reports: 12/22/2011
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/20/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 02/09/2012
Date Made Active in Reports: 03/09/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/09/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/26/2012
Date Made Active in Reports: 03/06/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/24/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

THE ESTATES AT SAN SEBASTIAN
2280 COCHRANE ROAD
MORGAN HILL, CA 95037

TARGET PROPERTY COORDINATES

Latitude (North):	37.1601 - 37° 9' 36.36''
Longitude (West):	121.6339 - 121° 38' 2.04''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	621301.0
UTM Y (Meters):	4113303.0
Elevation:	421 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37121-B6 MORGAN HILL, CA
Most Recent Revision:	1980
East Map:	37121-B5 MOUNT SIZER, CA
Most Recent Revision:	1978

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).

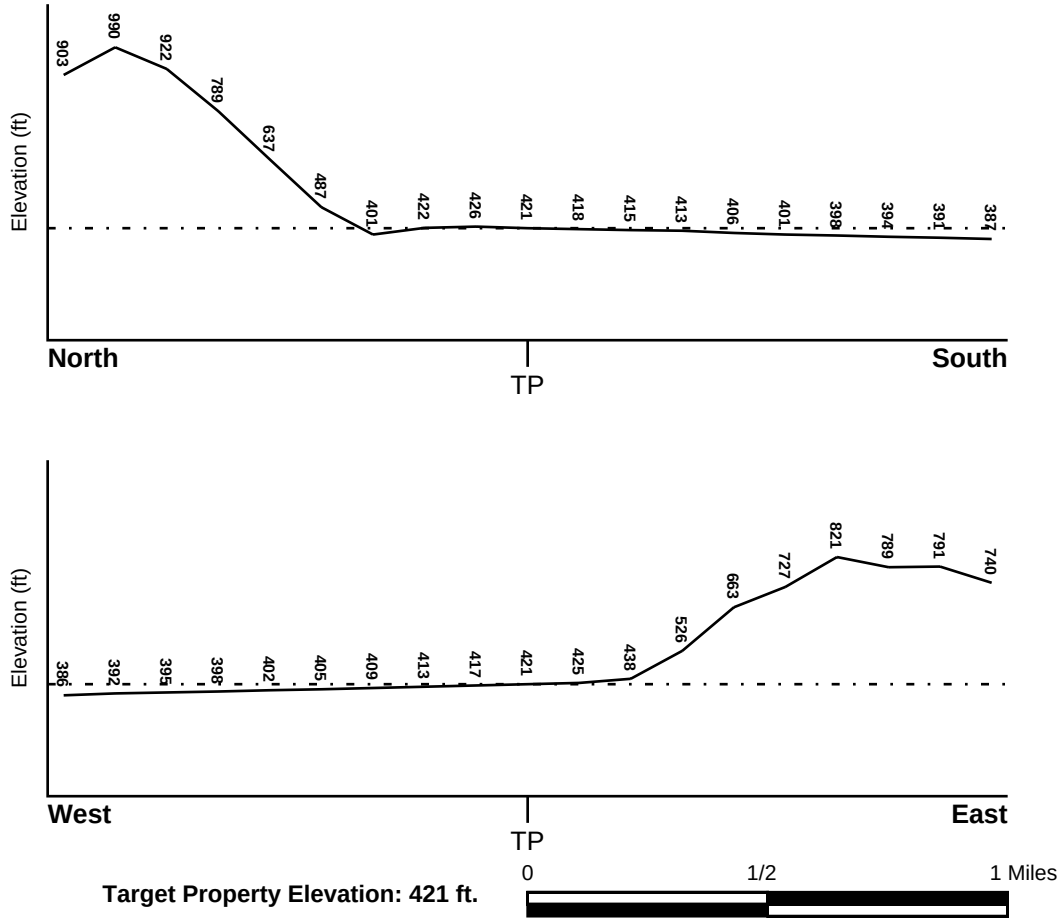
TOPOGRAPHIC INFORMATION

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 West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 421 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
SANTA CLARA, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06085C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
MORGAN HILL	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

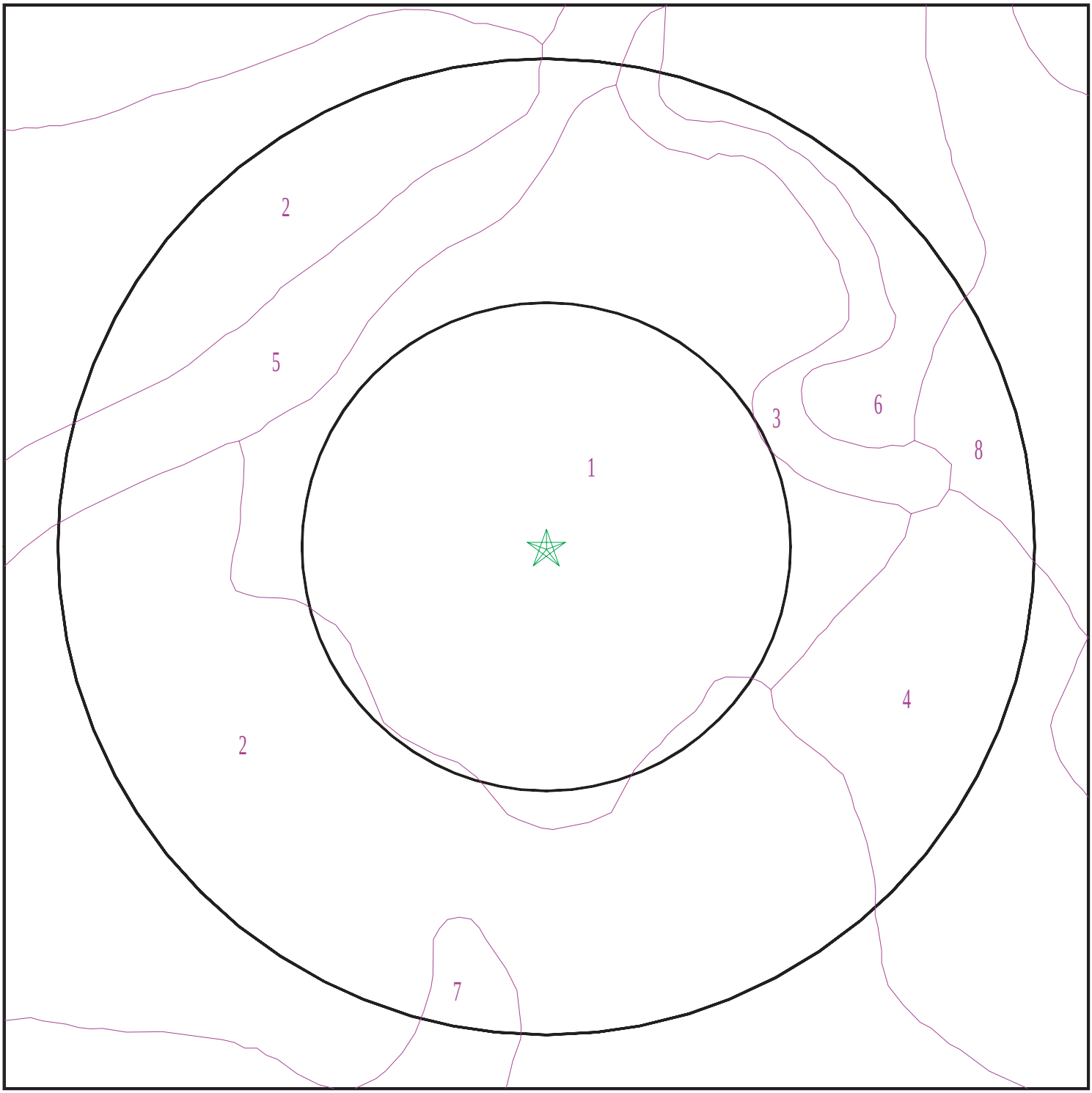
Era:	Paleozoic
System:	Permian
Series:	Ultramafic rocks
Code:	uM *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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 - 3278155.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	The Estates At San Sebastian	CLIENT:	Engeo
ADDRESS:	2280 Cochrane Road Morgan Hill CA 95037	CONTACT:	Scott Johns
LAT/LONG:	37.1601 / 121.6339	INQUIRY #:	3278155.2s
		DATE:	March 14, 2012 5:55 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: KEEFERS

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 183 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	22 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 0.42	Max: 7.8 Min: 7.4
2	22 inches	38 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 0.42	Max: 7.8 Min: 7.4
3	38 inches	59 inches	very gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 0.42	Max: 7.8 Min: 7.4

Soil Map ID: 2

Soil Component Name: PLEASANTON

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

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	18 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
2	18 inches	44 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
3	44 inches	66 inches	gravelly sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

Soil Map ID: 3

Soil Component Name: TERRACE ESCARPMENTS

Soil Surface Texture: variable

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

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	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: GARRETSON

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

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	5 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 1	Max: 8.4 Min: 6.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	5 inches	59 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 1	Max: 8.4 Min: 6.6

Soil Map ID: 5

Soil Component Name: PLEASANTON

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

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	18 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
2	18 inches	44 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	44 inches	66 inches	gravelly sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

Soil Map ID: 6

Soil Component Name: KEEFERS

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

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	22 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 0.42	Max: 7.8 Min: 7.4
2	22 inches	38 inches	gravelly 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%), silt.	Max: 4 Min: 0.42	Max: 7.8 Min: 7.4

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	38 inches	59 inches	very gravelly 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%), silt.	Max: 4 Min: 0.42	Max: 7.8 Min: 7.4

Soil Map ID: 7

Soil Component Name: ARBUCKLE

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

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	20 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 6.2
2	20 inches	40 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 6.2

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	40 inches	59 inches	very gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 6.2

Soil Map ID: 8

Soil Component Name: GILROY

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 53 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	7 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0 Min: 0	Max: Min:
2	7 inches	20 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0 Min: 0	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	20 inches	25 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0 Min: 0	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

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

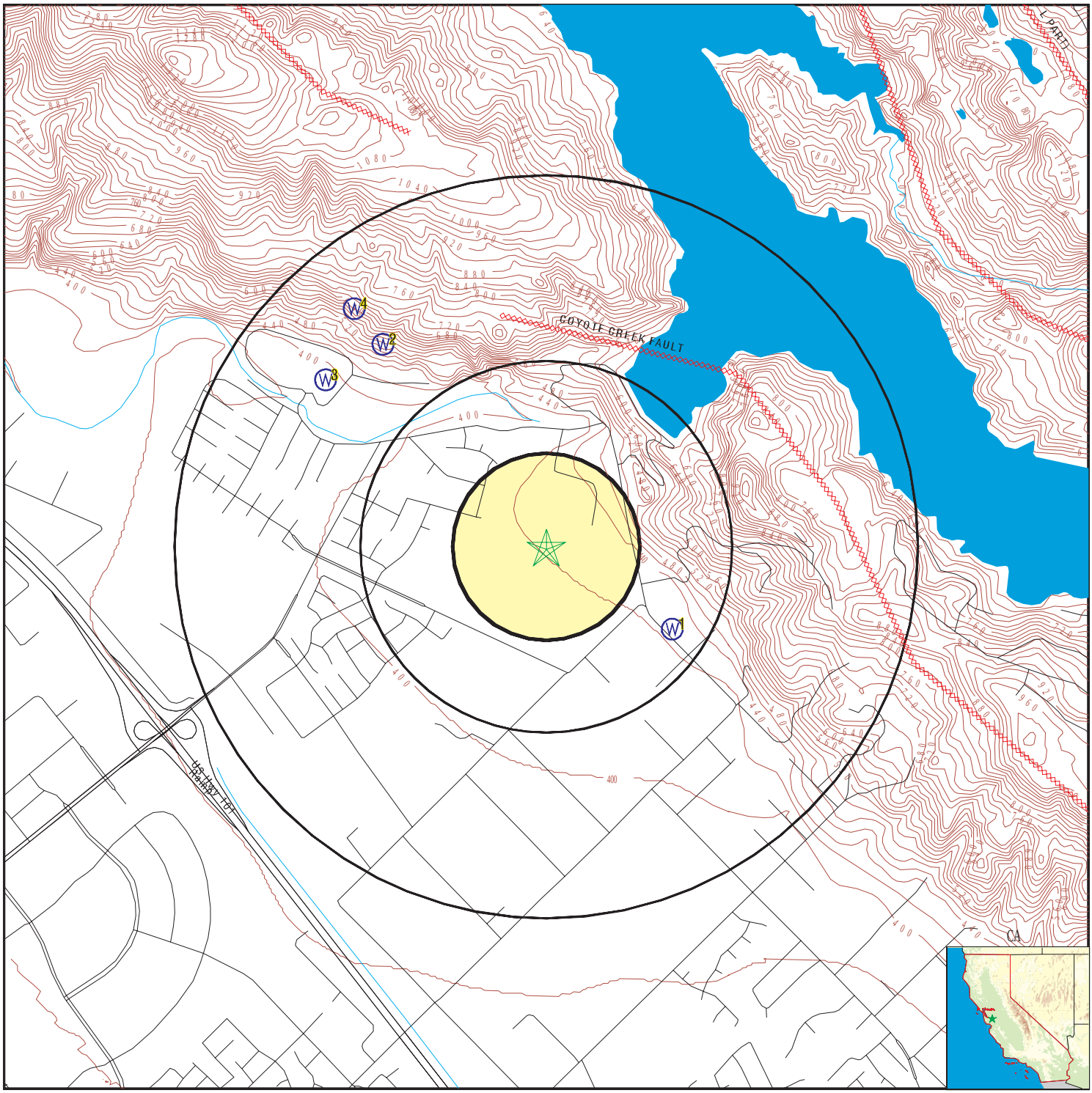
MAP ID	WELL ID	LOCATION FROM TP
1	9380	1/4 - 1/2 Mile ESE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	9378	1/2 - 1 Mile NW
3	9379	1/2 - 1 Mile NW
4	9377	1/2 - 1 Mile NW

PHYSICAL SETTING SOURCE MAP - 3278155.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	The Estates At San Sebastian	CLIENT:	Engeo
ADDRESS:	2280 Cochrane Road Morgan Hill CA 95037	CONTACT:	Scott Johns
		INQUIRY #:	3278155.2s
LAT/LONG:	37.1601 / 121.6339	DATE:	March 14, 2012 5:55 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
ESE **CA WELLS** **9380**
1/4 - 1/2 Mile
Higher

Water System Information:

Prime Station Code:	09S/03E-15B02 M	User ID:	43C
FRDS Number:	4300842001	County:	Santa Clara
District Number:	73	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	370925.0 1213736.0	Precision:	0.5 Mile (30 Seconds)
Source Name:	WELL 01		
System Number:	4300842		
System Name:	DEER HILL MUTUAL WATER CO		
Organization That Operates System:			
	PO 568		
	MORGAN HILL, CA 95037		
Pop Served:	25	Connections:	16
Area Served:	Not Reported		
Sample Collected:	10/23/2007	Findings:	25. MG/L
Chemical:	NITRATE (AS NO3)		

2
NW **CA WELLS** **9378**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	09S/03E-09F02 M	User ID:	HEN
FRDS Number:	4310006002	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	371005.0 1213827.0	Precision:	100 Feet (one Second)
Source Name:	BOYS RANCH WELL 02		
System Number:	4310006		
System Name:	City of Morgan Hill		
Organization That Operates System:			
	17555 Peak Avenue		
	Morgan Hill, CA 95037		
Pop Served:	27948	Connections:	9290
Area Served:	CITY OF MORGAN HILL		
Sample Collected:	03/09/2011	Findings:	660. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/09/2011	Findings:	14. MG/L
Chemical:	NITRATE (AS NO3)		

3
NW **CA WELLS** **9379**
1/2 - 1 Mile
Lower

Water System Information:

Prime Station Code:	09S/03E-09M02 M	User ID:	HEN
FRDS Number:	4310006001	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	371000.0 1213837.0	Precision:	100 Feet (one Second)
Source Name:	BOYS RANCH WELL 01		
System Number:	4310006		
System Name:	City of Morgan Hill		
Organization That Operates System:			
	17555 Peak Avenue Morgan Hill, CA 95037		
Pop Served:	27948	Connections:	9290
Area Served:	CITY OF MORGAN HILL		
Sample Collected:	03/09/2011	Findings:	590. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/09/2011	Findings:	22. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/24/2011	Findings:	19. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/20/2011	Findings:	19. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/15/2011	Findings:	18. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/22/2011	Findings:	19. MG/L
Chemical:	NITRATE (AS NO3)		

4
NW
1/2 - 1 Mile
Higher

CA WELLS **9377**

Water System Information:

Prime Station Code:	09S/03E-09E01 M	User ID:	HEN
FRDS Number:	4310006003	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	371010.0 1213832.0	Precision:	100 Feet (one Second)
Source Name:	BOYS RANCH WELL 03		
System Number:	4310006		
System Name:	City of Morgan Hill		
Organization That Operates System:			
	17555 Peak Avenue Morgan Hill, CA 95037		
Pop Served:	27948	Connections:	9290
Area Served:	CITY OF MORGAN HILL		
Sample Collected:	03/09/2011	Findings:	650. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/09/2011	Findings:	9.2 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95037	21	0

Federal EPA Radon Zone for SANTA CLARA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95037

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	-0.300 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.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

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 Services
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 Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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 Health Services
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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Project No.
9301.000.001

December 13, 2011
Revised February 22, 2012

Mr. Chris Borello
San Sebastian MH General Partnership
17045 Monterey Highway, Suite D
Morgan Hill, CA 95037

Subject: The Estates at San Sebastian
Cochran Road
APN 728-34-027
Morgan Hill, California

AGRICHEMICAL IMPACT ASSESSMENT AND RISK EVALUATION

Dear Mr. Borello:

We are pleased to submit our agrichemical impact assessment and risk evaluation conducted at the subject property (Property) in Morgan Hill, California. The purpose of the assessment was to evaluate the extent of agrichemical impacts resulting from historic agricultural practices that could affect the proposed development of the Property.

BACKGROUND

The irregularly shaped Property is approximately 126 acres and is located in Morgan Hill, California (Figure 1). At a later date, additional portions of adjacent parcels needed to construct the Peet Road alignment and a planned water quality basin (approximately 4 acres) were added to the assessment. The Property is bounded to the south by Peet Road/Half Road, to the north and east by Cochrane Road, and the west by Alicante Drive. Developments in the vicinity of the Property include residential developments to the east and south, Anderson Dam to the east, and general agricultural farmland/ranchland. Based upon review of aerial photography and site reconnaissance, the Property is mostly occupied by orchards, row crops, and seasonal grasses, with an agricultural compound containing several structures situated along the east-central portion of the Property. Historical photography indicates the Property has been used for orchard cultivation since at least the 1930s.

FIELD ACTIVITIES

A near-surface sampling study was performed at the Property to assess potential environmental impacts due to historic agricultural practices. On November 3, 2011, 112 soil samples were collected from approximate depths of 3 to 9 inches below the ground surface; samples were recovered from five general grid areas; and at each location, latitude and longitude coordinates were recorded. Sampling locations are shown on Figure 2. Details of the sampling program are presented below.

SAMPLING ACTIVITIES

Soil Sampling

Near-surface samples were collected from locations at the Property as shown in Figure 2. Hand sampling equipment was decontaminated between sample collections using appropriate field protocol.

Following recovery, the sample liners were sealed using Teflon® sheets secured by tight-fitting plastic end caps. Upon collection, a label was placed on the sample that included a unique sample number, sample location, time/date collected, laboratory analysis, and the sampler's identification. The soil samples were placed in an ice-cooled chest and submitted under documented chain-of-custody to CLS Laboratory, Inc. in Rancho Cordova, California. The submitted soil samples were analyzed for Organochlorine Pesticides (EPA 8081) and total arsenic.

ANALYTICAL RESULTS

Review of the laboratory test results found detectable concentrations of Organochlorine Pesticides including DDT/DDD/DDE, chlordane, and dieldrin. The reported concentrations of DDT/DDD/DDE ranged from non-detect (ND) to 370 micrograms per kilogram (µg/kg) which is below the current residential California Human Health Screening Level (CHHSL) developed by CAL-EPA (1,600 µg/kg). Table I provides a summary of the laboratory analyses. The laboratory results are presented in their entirety in Appendix A.

Fourteen of the samples exhibited detectable concentrations of chlordane. Two samples, S1-18 and S1-42, reported concentrations of 4,800 µg/kg and 560 µg/kg, respectively. These concentrations exceed the CHHSL (430 µg/kg); however, the detections appear to be outliers and not indicative of significant chlordane impacts.

With regard to dieldrin, 75 of the 112 had detections, ranging from ND to 96 µg/kg, with 29 samples exceeding the CHHSL (35 µg/kg). No dieldrin detections were reported for area #5.

The reported concentrations of arsenic ranged from 1.8 milligrams per kilogram (mg/kg) to 13 mg/kg. The arithmetic mean for the 112 samples is 6 mg/kg. The reported arsenic concentrations are consistent with background soil concentrations for the State of California[1].

STATISTICAL RISK EVALUATION

Based on a review of the laboratory analyses, dieldrin is the only chemical of potential concern (COPC) at the Property. To analyze further the dieldrin distribution at the Property, a 95 percent upper confidence level (UCL) concentration was calculated following the methods established by the United States Environmental Protection Agency (USEPA). A 95 percent UCL represents a threshold concentration with the following characteristic: the true mean concentration of the analyte within the study area has a 95 percent probability of being less than or equal to the UCL

[1] Bradford, G.R., A.C. Chang, A.L. Page, D. Bakhtar. J.A. Frampton, and H. Wright; Background Concentrations of Trace and Major elements in California Soils; Kearney Foundation of Soil Science, Division of Agriculture and Natural resources, University of California; March 1996.

concentration. The analysis was performed using USEPA's ProUCL Version 4.00.02 software. The software computes the 95 percent UCL using a variety of accepted statistical methods and recommends a value based on the distribution of the data. Non-detectable results for dieldrin, at a detection limit of 1.9 µg/kg were factored in the analyses using the non-parametric KM bootstrap method. Based on the statistical analysis, a UCL of 29.04 µg/kg was calculated for dieldrin, which is below the CHHSL of 35 µg/kg. A copy of the ProUCL worksheet is provided as an attachment.

DISCUSSION

Review of the laboratory test results found detectable concentrations of Organochlorine Pesticides including DDT/DDD/DDE, chlordane, and dieldrin. Based on a review of the laboratory analyses, dieldrin is the only chemical of potential concern (COPC) at the Property, as the other pesticides have reported concentrations below levels of concern for residential development.

A statistical evaluation of the dieldrin distribution was performed following the methods established by the United States Environmental Protection Agency (USEPA). The analysis was performed using USEPA's ProUCL Version 4.00.02 software. Based on the statistical analysis, a 95 percent upper confidence level (UCL) of 29.04 µg/kg was calculated for dieldrin, which is below the CHHSL of 35 µg/kg. CAL-EPA has routinely accepted the 95 percent UCL as an approved method of evaluating a COPC for potential human health risks.

The additional portions of adjacent parcels needed to construct the Peet Road alignment and a planned water quality basin (approximately 4 acres) were added to the assessment at a later date. Review of historical photographs and given the planned land use for those areas associated with the Peet Road alignment, we do not consider those areas adversely effecting the development of the Property.

Based on the findings of the agrichemical impact assessment and risk evaluation it is our opinion that the site would be suitable for residential development.

If you have any questions regarding this report, please contact us.

Sincerely,

ENGEO Incorporated

Jeffrey A. Adams, PhD, PE, REA I Shawn Munger, CHG, REAII

Attachments: Figure 1 - Vicinity Map
Figure 2 – Sample Locations
Table I
ProUCL Worksheet Summary
Appendix A – Laboratory Test Results

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BASE MAP SOURCE: MS STREETS AND TRIPS

ENGEO Expect Excellence

VICINITY MAP

THE ESTATES AT SAN SEBASTIAN

MORGAN HILL, CALIFORNIA

PROJECT NO.: 9301.000.001		FIGURE NO. 1
SCALE: AS SHOWN		
DRAWN BY: SRP	CHECKED BY: SPM	

G:\Drafting\DRAFTING2_Dwg\9301\000\ESA2\9301000001-ESA2-1-VicinityMap-0212.dwg Plot Date: 2-15-12 spatters

ORIGINAL FIGURE PRINTED IN COLOR

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G:\Drafting\DRAFTING2_Dwg\9301\000\ESA2\9301000001-ESA2-2-SampleLoc-0212.dwg Plot Date:2-15-12 spotters

N

EXPLANATION

S5-25 ● APPROXIMATE LOCATION OF SAMPLE

0 FEET 300

0 METERS 150

BASE MAP SOURCE: GOOGLE EARTH

ENGEO Expect Excellence

SAMPLE LOCATIONS

THE ESTATES OF SAN SEBASTIAN

MORGAN HILL, CALIFORNIA

PROJECT NO.: 9301.000.001	FIGURE NO. 2
SCALE: AS SHOWN	
DRAWN BY: PC	CHECKED BY: SM

ORIGINAL FIGURE PRINTED IN COLOR

TABLE I

SAN SEBASTIAN ANALYTICAL RESULTS - NOVEMBER 2011

SAMPLE	4,4-DDD	4,4-DDE	4,4-DDT	Chlordane	Dieldrin	Arsenic
S1-1	<2.4	**210**	**63**	<10	**43**	**6.9**
S1-2	<2.4	**300**	**81**	<10	**71**	**7.2**
S1-3	<2.4	**260**	**73**	<10	**64**	**7.4**
S1-4	<2.4	**190**	**55**	<10	**34**	**5.4**
S1-5	<2.4	**270**	**82**	<10	**72**	**8**
S1-6	<2.4	**260**	**76**	<10	**76**	**7.1**
S1-7	<2.4	**170**	**46**	<10	**61**	**6**
S1-8	**12**	**310**	**110**	<10	**93**	**8.2**
S1-9	<2.4	**280**	**94**	<10	**85**	**7**
S1-10	<2.4	**140**	**24**	<10	**41**	**6**
S1-11	<2.4	**20**	<1.2	<10	**17**	**6**
S1-12	<2.4	**23**	<1.2	<10	**10**	**7**
S1-13	<2.4	**16**	<1.2	<10	**9.1**	**7.1**
S1-14	<2.4	**17**	<1.2	<10	**11**	**5**
S1-15	<2.4	**13**	<1.2	<10	<1.9	**4.4**
S1-16	<2.4	**120**	**29**	<10	**29**	**4.8**
S1-17	<2.4	**120**	**21**	<10	**34**	**6.3**
S1-18	<2.4	**300**	45	**4800**	**92**	**5.7**
S1-19	<2.4	**300**	83	<10	**63**	**6.5**
S1-20	<2.4	**65**	**14**	<10	**24**	**5.3**
S1-21	<2.4	18	<1.2	<10	**36**	**5.3**
S1-22	<2.4	28	<1.2	<10	**30**	**5.4**
S1-23	<2.4	<2.2	<1.2	<10	<1.9	**1.8**
S1-24	<2.4	<2.2	<1.2	<10	**4.9**	**3.3**
S1-25	<2.4	**110**	**27**	<10	**33**	**6.5**
S1-26	<2.4	**24**	<1.2	<10	**6.2**	**2.5**
S1-27	<2.4	**130**	**10**	<10	**31**	**7.5**
S1-28	<2.4	**180**	**42**	<10	**38**	**6.8**
S1-29	<2.4	**95**	**23**	<10	**29**	**5.2**
S1-30	<2.4	**240**	**86**	<10	**62**	**6**
S1-31	<2.4	**220**	79	<10	**67**	**7**
S1-32	<2.4	**140**	**30**	<10	**25**	**4**
S1-33	<2.4	**250**	70	<10	**68**	**8.3**
S1-34	**23**	**310**	**100**	<10	**61**	**8**
S1-35	<2.4	**150**	**42**	<10	**26**	**7.7**
S1-36	<2.4	**170**	**39**	<10	**16**	**9.4**
S1-37	<2.4	**290**	**48**	<10	**45**	**8.4**
S1-38	<2.4	**330**	**110**	<10	**50**	**8**
S1-39	<2.4	**50**	<1.2	<10	**6.6**	**4.2**
S1-40	<2.4	**120**	**28**	<10	**14**	**3.9**
S1-41	<2.4	**100**	**16**	**250**	**13**	**6.9**

SAMPLE	4,4-DDD	4,4-DDE	4,4-DDT	Chlordane	Dieldrin	Arsenic
S1-42	<2.4	**370**	**70**	**560**	**78**	**9.5**
S1-43	<2.4	**250**	**43**	**270**	**47**	**10**
S1-44	<2.4	**250**	**57**	**420**	**45**	**7.5**
S1-45	<2.4	**180**	**37**	**250**	**34**	**7.9**
CHHSL	**2300**	**1600**	**1600**	**430**	**35**	**background**

SAMPLE	4,4-DDD	4,4-DDE	4,4-DDT	Chlordane	Dieldrin	Arsenic
S2-1	<2.4	**160**	**37**	<10	**23**	**6.4**
S2-2	<2.4	**130**	**40**	<10	**12**	**7.6**
S2-3	<2.4	**170**	**56**	<10	**27**	**5.8**
S2-4	<2.4	**140**	**34**	**140**	**21**	**6.1**
S2-5	<2.4	**140**	**21**	<10	**20**	**7**
S2-6	<2.4	**100**	**23**	<10	**12**	**6.5**
S2-7	<2.4	**61**	**17**	<10	**5.3**	**5.9**
S2-8	<2.4	**79**	**11**	<10	**15**	**5.8**
S2-9	<2.4	**130**	**38**	<10	**15**	**7.4**
S2-10	<2.4	**110**	**30**	<10	**12**	**6**
S2-11	<2.4	**110**	**31**	<10	**12**	**7.7**
S2-12	<2.4	**98**	**30**	<10	**14**	**6.3**
CHHSL	**2300**	**1600**	**1600**	**430**	**35**	**background**

SAMPLE	4,4-DDD	4,4-DDE	4,4-DDT	Chlordane	Dieldrin	Arsenic
S3-1	<2.4	<2.2	<1.2	<10	<1.9	**13**
S3-2	<2.4	<2.2	<1.2	<10	<1.9	**2.3**
S3-3	<2.4	<2.2	<1.2	<10	<1.9	**2.1**
S3-4	<2.4	<2.2	<1.2	<10	<1.9	**2.8**
S3-5	<2.4	<2.2	<1.2	<10	<1.9	**7.3**
S3-6	<2.4	<2.2	**31**	<10	**7.1**	**2.7**
S3-7	<2.4	**9.3**	<1.2	<10	<1.9	**2.9**
S3-8	<2.4	<2.2	<1.2	<10	<1.9	**3.9**
S3-9	<2.4	<2.2	<1.2	<10	<1.9	**3.5**
S3-10	<2.4	**14**	<1.2	<10	<1.9	**3.6**
CHHSL	**2300**	**1600**	**1600**	**430**	**35**	**background**

SAMPLE	4,4-DDD	4,4-DDE	4,4-DDT	Chlordane	Dieldrin	Arsenic
S4-1	<2.4	**110**	**31**	**130**	**28**	**7.8**
S4-2	<2.4	**74**	**19**	<10	**23**	**7.2**
S4-3	<2.4	**96**	**36**	<10	**32**	**5.6**
S4-4	<2.4	**100**	**23**	**50**	**32**	**4.9**
S4-5	<2.4	**140**	**34**	**110**	**35**	**5.6**
S4-6	<2.4	**130**	**32**	**220**	**40**	**6.3**
S4-7	<2.4	**62**	**12**	<10	**9.8**	**5.5**

SAMPLE	4,4-DDD	4,4-DDE	4,4-DDT	Chlordane	Dieldrin	Arsenic
S4-8	<2.4	**47**	<1.2	<10	**6.8**	**5.5**
S4-9	<2.4	**48**	**12**	<10	**7.3**	**6.7**
S4-10	<2.4	**180**	**38**	<10	**32**	**5.2**
S4-11	<2.4	**200**	**43**	<10	**38**	**6.1**
S4-12	<2.4	**190**	**47**	**200**	**96**	**6.8**
S4-13	<2.4	**110**	**24**	**130**	**30**	**4.7**
S4-14	<2.4	**28**	**8.8**	<10	<1.9	**5.7**
S4-15	<2.4	**89**	**26**	**110**	**33**	**5.5**
S4-16	<2.4	**160**	**26**	<10	**57**	**6**
S4-17	<2.4	**82**	**17**	<10	**23**	**7.1**
S4-18	<2.4	**130**	**27**	<10	**47**	**7**
S4-19	<2.4	**110**	**25**	<10	**37**	**6.5**
S4-20	<2.4	**120**	**27**	<10	**46**	**7.2**
CHHSL	**2300**	**1600**	**1600**	**430**	**35**	**background**

SAMPLE	4,4-DDD	4,4-DDE	4,4-DDT	Chlordane	Dieldrin	Arsenic
S5-1	<2.4	**59**	**20**	<10	<1.9	**5.3**
S5-2	<2.4	**54**	**20**	<10	<1.9	**3.7**
S5-3	<2.4	**50**	**20**	<10	<1.9	**5.4**
S5-4	<2.4	**66**	**19**	<10	<1.9	**4.4**
S5-5	<2.4	**49**	**18**	<10	<1.9	**4.4**
S5-6	<2.4	**53**	**18**	<10	<1.9	**4.3**
S5-7	<2.4	**62**	**19**	<10	<1.9	**5.6**
S5-8	<2.4	**74**	**27**	<10	<1.9	**5.2**
S5-9	<2.4	**59**	**22**	<10	<1.9	**6**
S5-10	<2.4	**44**	**18**	<10	<1.9	**6.1**
S5-11	<2.4	**83**	**25**	<10	<1.9	**6.1**
S5-12	<2.4	**69**	**20**	<10	<1.9	**5.9**
S5-13	<2.4	**55**	**16**	<10	<1.9	**6.7**
S5-14	<2.4	**49**	**18**	<10	<1.9	**5**
S5-15	<2.4	**100**	**25**	<10	<1.9	**6**
S5-16	<2.4	**8.2**	<1.2	<10	<1.9	**5.3**
S5-17	<2.4	**43**	**15**	<10	<1.9	**4.9**
S5-18	<2.4	**9.1**	**<1.2**	<10	<1.9	**4.9**
S5-19	<2.4	<2.2	<1.2	<10	<1.9	**5.2**
S5-20	<2.4	**9.1**	<1.2	<10	<1.9	**4.4**
S5-21	<2.4	**12**	<1.2	<10	<1.9	**4.6**
S5-22	<2.4	<2.2	<1.2	<10	<1.9	**5.8**
S5-23	<2.4	**34**	<1.2	<10	<1.9	**6.1**
S5-24	<2.4	<2.2	<1.2	<10	<1.9	**5.4**
S5-25	<2.4	<2.2	<1.2	<10	<1.9	**6.1**
CHHSL	**2300**	**1600**	**1600**	**430**	**35**	**background**

General UCL Statistics for Data Sets with Non-Detects

User Selected Options	
From File	C:\WorkSheet_a.wst
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Dieldrin

General Statistics			
Number of Valid Data	112	Number of Detected Data	75
Number of Distinct Detected Data	57	Number of Non-Detect Data	37
		Percent Non-Detects	33.04%

Raw Statistics		Log-transformed Statistics	
Minimum Detected	4.9	Minimum Detected	1.589
Maximum Detected	96	Maximum Detected	4.564
Mean of Detected	35.24	Mean of Detected	3.309
SD of Detected	23.54	SD of Detected	0.767
Minimum Non-Detect	1.9	Minimum Non-Detect	0.642
Maximum Non-Detect	1.9	Maximum Non-Detect	0.642

UCL Statistics			
Normal Distribution Test with Detected Values Only		Lognormal Distribution Test with Detected Values Only	
Lilliefors Test Statistic	0.121	Lilliefors Test Statistic	0.104
5% Lilliefors Critical Value	0.102	5% Lilliefors Critical Value	0.102
Data not Normal at 5% Significance Level		Data not Lognormal at 5% Significance Level	
Assuming Normal Distribution		Assuming Lognormal Distribution	
DL/2 Substitution Method		DL/2 Substitution Method	
Mean	23.91	Mean	2.199
SD	25.14	SD	1.706
95% DL/2 (t) UCL	27.85	95% H-Stat (DL/2) UCL	25.61

Maximum Likelihood Estimate(MLE) Method		Log ROS Method	
Mean	16.82	Mean in Log Scale	2.725
SD	34.07	SD in Log Scale	1.087
95% MLE (t) UCL	22.16	Mean in Original Scale	25.34
95% MLE (Tiku) UCL	22.6	SD in Original Scale	23.91
		95% Percentile Bootstrap UCL	29.39
		95% BCA Bootstrap UCL	29.32
Gamma Distribution Test with Detected Values Only		Data Distribution Test with Detected Values Only	
k star (bias corrected)	2.047	Data appear Gamma Distributed at 5% Significance Level	
Theta Star	17.21		
nu star	307.1		
A-D Test Statistic	0.436	Nonparametric Statistics	
5% A-D Critical Value	0.763	Kaplan-Meier (KM) Method	
K-S Test Statistic	0.763	Mean	25.22
5% K-S Critical Value	0.104	SD	23.87
Data appear Gamma Distributed at 5% Significance Level		SE of Mean	2.27
		95% KM (t) UCL	28.98
Assuming Gamma Distribution		95% KM (z) UCL	28.95
Gamma ROS Statistics using Extrapolated Data		95% KM (jackknife) UCL	28.87
Minimum	1.00E-09	95% KM (bootstrap t) UCL	28.96
Maximum	96	95% KM (BCA) UCL	28.83
Mean	29.63	95% KM (Percentile Bootstrap) UCL	29.04
Median	27.06	95% KM (Chebyshev) UCL	35.11
SD	22.02	97.5% KM (Chebyshev) UCL	39.4
k star	0.432	99% KM (Chebyshev) UCL	47.81
Theta star	68.59		
Nu star	96.77		
AppChi2	75.08		
95% Gamma Approximate UCL	38.2	**Potential UCLs to Use**	
95% Adjusted Gamma UCL	38.32	**95% KM (Percentile Bootstrap)** **UCL=**	**29.04**

Note: DL/2 is not a recommended method.

APPENDIX A

Laboratory Test Results

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

15 November 2011

CLS Work Order #: CUK0234

COC #:

Scott Johns
Engeo-San Jose

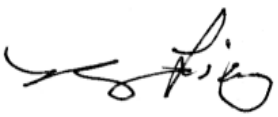
6399 San Ignacio Ave, Suite 150
San Jose, CA 95119

Project Name: The Estates @ San Sebastian

Enclosed are the results of analyses for samples received by the laboratory on 11/04/11 16:00. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness. Any comments and exceptions are addressed below as well as under the Notes and Definitions section.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

CALIFORNIA LABORATORY SERVICES

11/15/11 13:56

Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-1 (CUK0234-01) Soil	**Sampled: 11/03/11 09:43**		**Received: 11/04/11 16:00**							
Arsenic	**6.9**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-2 (CUK0234-02) Soil	**Sampled: 11/03/11 09:50**		**Received: 11/04/11 16:00**							
Arsenic	**7.2**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-3 (CUK0234-03) Soil	**Sampled: 11/03/11 10:11**		**Received: 11/04/11 16:00**							
Arsenic	**7.4**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-4 (CUK0234-04) Soil	**Sampled: 11/03/11 08:15**		**Received: 11/04/11 16:00**							
Arsenic	**5.4**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-5 (CUK0234-05) Soil	**Sampled: 11/03/11 08:20**		**Received: 11/04/11 16:00**							
Arsenic	**8.0**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-6 (CUK0234-06) Soil	**Sampled: 11/03/11 08:25**		**Received: 11/04/11 16:00**							
Arsenic	**7.1**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-7 (CUK0234-07) Soil	**Sampled: 11/03/11 08:20**		**Received: 11/04/11 16:00**							
Arsenic	**6.0**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-8 (CUK0234-08) Soil	**Sampled: 11/03/11 08:24**		**Received: 11/04/11 16:00**							
Arsenic	**8.2**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-9 (CUK0234-09) Soil	**Sampled: 11/03/11 08:29**		**Received: 11/04/11 16:00**							
Arsenic	**7.0**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	

CALIFORNIA LABORATORY SERVICES

11/15/11 13:56

Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-10 (CUK0234-10) Soil	**Sampled: 11/03/11 09:25**		**Received: 11/04/11 16:00**							
Arsenic	**6.0**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-11 (CUK0234-11) Soil	**Sampled: 11/03/11 09:26**		**Received: 11/04/11 16:00**							
Arsenic	**6.0**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-12 (CUK0234-12) Soil	**Sampled: 11/03/11 09:30**		**Received: 11/04/11 16:00**							
Arsenic	**7.0**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-13 (CUK0234-13) Soil	**Sampled: 11/03/11 09:34**		**Received: 11/04/11 16:00**							
Arsenic	**7.1**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-14 (CUK0234-14) Soil	**Sampled: 11/03/11 09:22**		**Received: 11/04/11 16:00**							
Arsenic	**5.0**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-15 (CUK0234-15) Soil	**Sampled: 11/03/11 09:20**		**Received: 11/04/11 16:00**							
Arsenic	**4.4**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-16 (CUK0234-16) Soil	**Sampled: 11/03/11 08:34**		**Received: 11/04/11 16:00**							
Arsenic	**4.8**		2.0	mg/kg	20	CU08106	11/07/11	11/07/11	EPA 6020	
S1-17 (CUK0234-17) Soil	**Sampled: 11/03/11 08:30**		**Received: 11/04/11 16:00**							
Arsenic	**6.3**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-18 (CUK0234-18) Soil	**Sampled: 11/03/11 10:07**		**Received: 11/04/11 16:00**							
Arsenic	**5.7**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	

CALIFORNIA LABORATORY SERVICES

11/15/11 13:56

Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-19 (CUK0234-19) Soil	**Sampled: 11/03/11 10:03**		**Received: 11/04/11 16:00**							
Arsenic	**6.5**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-20 (CUK0234-20) Soil	**Sampled: 11/03/11 08:35**		**Received: 11/04/11 16:00**							
Arsenic	**5.3**		1.0	mg/kg	10	CU08106	11/07/11	11/07/11	EPA 6020	
S1-21 (CUK0234-21) Soil	**Sampled: 11/03/11 08:39**		**Received: 11/04/11 16:00**							
Arsenic	**5.3**		1.0	mg/kg	10	CU08140	11/08/11	11/08/11	EPA 6020	
S1-22 (CUK0234-22) Soil	**Sampled: 11/03/11 09:20**		**Received: 11/04/11 16:00**							
Arsenic	**5.4**		1.0	mg/kg	10	CU08140	11/08/11	11/08/11	EPA 6020	
S1-23 (CUK0234-23) Soil	**Sampled: 11/03/11 09:19**		**Received: 11/04/11 16:00**							
Arsenic	**1.8**		1.0	mg/kg	10	CU08140	11/08/11	11/08/11	EPA 6020	
S1-24 (CUK0234-24) Soil	**Sampled: 11/03/11 09:36**		**Received: 11/04/11 16:00**							
Arsenic	**3.3**		1.0	mg/kg	10	CU08140	11/08/11	11/08/11	EPA 6020	
S1-25 (CUK0234-25) Soil	**Sampled: 11/03/11 09:39**		**Received: 11/04/11 16:00**							
Arsenic	**6.5**		1.0	mg/kg	10	CU08140	11/08/11	11/08/11	EPA 6020	
S1-26 (CUK0234-26) Soil	**Sampled: 11/03/11 09:14**		**Received: 11/04/11 16:00**							
Arsenic	**2.5**		1.0	mg/kg	10	CU08140	11/08/11	11/08/11	EPA 6020	
S1-27 (CUK0234-27) Soil	**Sampled: 11/03/11 09:15**		**Received: 11/04/11 16:00**							
Arsenic	**7.5**		1.0	mg/kg	10	CU08140	11/08/11	11/09/11	EPA 6020	

CALIFORNIA LABORATORY SERVICES

11/15/11 13:56

Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-28 (CUK0234-28) Soil	**Sampled: 11/04/11 09:04**		**Received: 11/04/11 16:00**							
Arsenic	**6.8**		1.0	mg/kg	10	CU08140	11/08/11	11/09/11	EPA 6020	
S1-29 (CUK0234-29) Soil	**Sampled: 11/03/11 08:40**		**Received: 11/04/11 16:00**							
Arsenic	**5.2**		1.0	mg/kg	10	CU08140	11/08/11	11/09/11	EPA 6020	
S1-30 (CUK0234-30) Soil	**Sampled: 11/03/11 09:56**		**Received: 11/04/11 16:00**							
Arsenic	**6.0**		1.0	mg/kg	10	CU08140	11/08/11	11/09/11	EPA 6020	
S1-31 (CUK0234-31) Soil	**Sampled: 11/03/11 08:45**		**Received: 11/04/11 16:00**							
Arsenic	**7.0**		1.0	mg/kg	10	CU08140	11/08/11	11/09/11	EPA 6020	
S1-32 (CUK0234-32) Soil	**Sampled: 11/03/11 08:48**		**Received: 11/04/11 16:00**							
Arsenic	**4.0**		1.0	mg/kg	10	CU08140	11/08/11	11/09/11	EPA 6020	
S1-33 (CUK0234-33) Soil	**Sampled: 11/03/11 09:10**		**Received: 11/04/11 16:00**							
Arsenic	**8.3**		1.0	mg/kg	10	CU08140	11/08/11	11/09/11	EPA 6020	
S1-34 (CUK0234-34) Soil	**Sampled: 11/03/11 09:11**		**Received: 11/04/11 16:00**							
Arsenic	**8.0**		1.0	mg/kg	10	CU08140	11/08/11	11/09/11	EPA 6020	
S1-35 (CUK0234-35) Soil	**Sampled: 11/03/11 09:42**		**Received: 11/04/11 16:00**							
Arsenic	**7.7**		1.0	mg/kg	10	CU08140	11/08/11	11/09/11	EPA 6020	
S1-36 (CUK0234-36) Soil	**Sampled: 11/03/11 09:45**		**Received: 11/04/11 16:00**							
Arsenic	**9.4**		1.0	mg/kg	10	CU08140	11/08/11	11/09/11	EPA 6020	

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11/15/11 13:56

Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-37 (CUK0234-37) Soil	**Sampled: 11/03/11 09:08**		**Received: 11/04/11 16:00**							
Arsenic	**8.4**		1.0	mg/kg	10	CU08140	11/08/11	11/09/11	EPA 6020	
S1-38 (CUK0234-38) Soil	**Sampled: 11/03/11 09:05**		**Received: 11/04/11 16:00**							
Arsenic	**8.0**		2.0	mg/kg	20	CU08172	11/09/11	11/09/11	EPA 6020	
S1-39 (CUK0234-39) Soil	**Sampled: 11/03/11 08:53**		**Received: 11/04/11 16:00**							
Arsenic	**4.2**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	
S1-40 (CUK0234-40) Soil	**Sampled: 11/03/11 08:50**		**Received: 11/04/11 16:00**							
Arsenic	**3.9**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	
S1-41 (CUK0234-41) Soil	**Sampled: 11/03/11 08:55**		**Received: 11/04/11 16:00**							
Arsenic	**6.9**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	
S1-42 (CUK0234-42) Soil	**Sampled: 11/03/11 08:57**		**Received: 11/04/11 16:00**							
Arsenic	**9.5**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	
S1-43 (CUK0234-43) Soil	**Sampled: 11/03/11 09:00**		**Received: 11/04/11 16:00**							
Arsenic	**10**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	
S1-44 (CUK0234-44) Soil	**Sampled: 11/03/11 09:04**		**Received: 11/04/11 16:00**							
Arsenic	**7.5**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	
S1-45 (CUK0234-45) Soil	**Sampled: 11/03/11 09:48**		**Received: 11/04/11 16:00**							
Arsenic	**7.9**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	

CALIFORNIA LABORATORY SERVICES

11/15/11 13:56

Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S2-1 (CUK0234-46) Soil	**Sampled: 11/03/11 10:19**		**Received: 11/04/11 16:00**							
Arsenic	**6.4**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	
S2-2 (CUK0234-47) Soil	**Sampled: 11/03/11 10:22**		**Received: 11/04/11 16:00**							
Arsenic	**7.6**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	
S2-3 (CUK0234-48) Soil	**Sampled: 11/03/11 10:28**		**Received: 11/04/11 16:00**							
Arsenic	**5.8**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	
S2-4 (CUK0234-49) Soil	**Sampled: 11/03/11 10:44**		**Received: 11/04/11 16:00**							
Arsenic	**6.1**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	
S2-5 (CUK0234-50) Soil	**Sampled: 11/03/11 10:39**		**Received: 11/04/11 16:00**							
Arsenic	**7.0**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	
S2-6 (CUK0234-51) Soil	**Sampled: 11/03/11 10:32**		**Received: 11/04/11 16:00**							
Arsenic	**6.5**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	
S2-7 (CUK0234-52) Soil	**Sampled: 11/03/11 10:52**		**Received: 11/04/11 16:00**							
Arsenic	**5.9**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	
S2-8 (CUK0234-53) Soil	**Sampled: 11/03/11 10:55**		**Received: 11/04/11 16:00**							
Arsenic	**5.8**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	
S2-9 (CUK0234-54) Soil	**Sampled: 11/03/11 10:58**		**Received: 11/04/11 16:00**							
Arsenic	**7.4**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S2-10 (CUK0234-55) Soil	**Sampled: 11/03/11 11:09**		**Received: 11/04/11 16:00**							
Arsenic	**6.0**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	
S2-11 (CUK0234-56) Soil	**Sampled: 11/03/11 11:07**		**Received: 11/04/11 16:00**							
Arsenic	**7.7**		1.0	mg/kg	10	CU08172	11/09/11	11/09/11	EPA 6020	
S2-12 (CUK0234-57) Soil	**Sampled: 11/03/11 11:04**		**Received: 11/04/11 16:00**							
Arsenic	**6.3**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S3-1 (CUK0234-58) Soil	**Sampled: 11/03/11 12:41**		**Received: 11/04/11 16:00**							
Arsenic	**13**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S3-2 (CUK0234-59) Soil	**Sampled: 11/03/11 12:53**		**Received: 11/04/11 16:00**							
Arsenic	**2.3**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S3-3 (CUK0234-60) Soil	**Sampled: 11/03/11 12:48**		**Received: 11/04/11 16:00**							
Arsenic	**2.1**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S3-4 (CUK0234-61) Soil	**Sampled: 11/03/11 13:01**		**Received: 11/04/11 16:00**							
Arsenic	**2.8**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S3-5 (CUK0234-62) Soil	**Sampled: 11/03/11 13:07**		**Received: 11/04/11 16:00**							
Arsenic	**7.3**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S3-6 (CUK0234-63) Soil	**Sampled: 11/03/11 13:10**		**Received: 11/04/11 16:00**							
Arsenic	**2.7**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S3-7 (CUK0234-64) Soil	**Sampled: 11/03/11 12:44**		**Received: 11/04/11 16:00**							
Arsenic	**2.9**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S3-8 (CUK0234-65) Soil	**Sampled: 11/03/11 12:50**		**Received: 11/04/11 16:00**							
Arsenic	**3.9**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S3-9 (CUK0234-66) Soil	**Sampled: 11/03/11 12:56**		**Received: 11/04/11 16:00**							
Arsenic	**3.5**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S3-10 (CUK0234-67) Soil	**Sampled: 11/03/11 13:02**		**Received: 11/04/11 16:00**							
Arsenic	**3.6**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S4-1 (CUK0234-68) Soil	**Sampled: 11/03/11 11:22**		**Received: 11/04/11 16:00**							
Arsenic	**7.8**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S4-2 (CUK0234-69) Soil	**Sampled: 11/03/11 11:25**		**Received: 11/04/11 16:00**							
Arsenic	**7.2**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S4-3 (CUK0234-70) Soil	**Sampled: 11/03/11 10:28**		**Received: 11/04/11 16:00**							
Arsenic	**5.6**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S4-4 (CUK0234-71) Soil	**Sampled: 11/03/11 11:31**		**Received: 11/04/11 16:00**							
Arsenic	**4.9**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S4-5 (CUK0234-72) Soil	**Sampled: 11/03/11 11:40**		**Received: 11/04/11 16:00**							
Arsenic	**5.6**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S4-6 (CUK0234-73) Soil	**Sampled: 11/03/11 11:43**		**Received: 11/04/11 16:00**							
Arsenic	**6.3**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S4-7 (CUK0234-74) Soil	**Sampled: 11/03/11 11:50**		**Received: 11/04/11 16:00**							
Arsenic	**5.5**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S4-8 (CUK0234-75) Soil	**Sampled: 11/03/11 11:54**		**Received: 11/04/11 16:00**							
Arsenic	**5.5**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S4-9 (CUK0234-76) Soil	**Sampled: 11/03/11 11:57**		**Received: 11/04/11 16:00**							
Arsenic	**6.7**		1.0	mg/kg	10	CU08173	11/09/11	11/09/11	EPA 6020	
S4-10 (CUK0234-77) Soil	**Sampled: 11/03/11 12:00**		**Received: 11/04/11 16:00**							
Arsenic	**5.2**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S4-11 (CUK0234-78) Soil	**Sampled: 11/03/11 12:04**		**Received: 11/04/11 16:00**							
Arsenic	**6.1**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S4-12 (CUK0234-79) Soil	**Sampled: 11/03/11 12:09**		**Received: 11/04/11 16:00**							
Arsenic	**6.8**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S4-13 (CUK0234-80) Soil	**Sampled: 11/03/11 11:47**		**Received: 11/04/11 16:00**							
Arsenic	**4.7**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S4-14 (CUK0234-81) Soil	**Sampled: 11/03/11 11:51**		**Received: 11/04/11 16:00**							
Arsenic	**5.7**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S4-15 (CUK0234-82) Soil	**Sampled: 11/03/11 11:55**		**Received: 11/04/11 16:00**							
Arsenic	**5.5**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S4-16 (CUK0234-83) Soil	**Sampled: 11/03/11 11:58**		**Received: 11/04/11 16:00**							
Arsenic	**6.0**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S4-17 (CUK0234-84) Soil	**Sampled: 11/03/11 12:05**		**Received: 11/04/11 16:00**							
Arsenic	**7.1**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S4-18 (CUK0234-85) Soil	**Sampled: 11/03/11 12:08**		**Received: 11/04/11 16:00**							
Arsenic	**7.0**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S4-19 (CUK0234-86) Soil	**Sampled: 11/03/11 12:13**		**Received: 11/04/11 16:00**							
Arsenic	**6.5**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S4-20 (CUK0234-87) Soil	**Sampled: 11/03/11 12:16**		**Received: 11/04/11 16:00**							
Arsenic	**7.2**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S5-1 (CUK0234-88) Soil	**Sampled: 11/03/11 11:33**		**Received: 11/04/11 16:00**							
Arsenic	**5.3**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S5-2 (CUK0234-89) Soil	**Sampled: 11/03/11 11:40**		**Received: 11/04/11 16:00**							
Arsenic	**3.7**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S5-3 (CUK0234-90) Soil	**Sampled: 11/03/11 11:18**		**Received: 11/04/11 16:00**							
Arsenic	**5.4**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-4 (CUK0234-91) Soil	**Sampled: 11/03/11 11:07**		**Received: 11/04/11 16:00**							
Arsenic	**4.4**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S5-5 (CUK0234-92) Soil	**Sampled: 11/03/11 11:15**		**Received: 11/04/11 16:00**							
Arsenic	**4.4**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S5-6 (CUK0234-93) Soil	**Sampled: 11/03/11 10:45**		**Received: 11/04/11 16:00**							
Arsenic	**4.3**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S5-7 (CUK0234-94) Soil	**Sampled: 11/03/11 10:55**		**Received: 11/04/11 16:00**							
Arsenic	**5.6**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S5-8 (CUK0234-95) Soil	**Sampled: 11/03/11 10:50**		**Received: 11/04/11 16:00**							
Arsenic	**5.2**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S5-9 (CUK0234-96) Soil	**Sampled: 11/03/11 10:32**		**Received: 11/04/11 16:00**							
Arsenic	**6.0**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S5-10 (CUK0234-97) Soil	**Sampled: 11/03/11 10:36**		**Received: 11/04/11 16:00**							
Arsenic	**6.1**		1.0	mg/kg	10	CU08187	11/09/11	11/10/11	EPA 6020	
S5-11 (CUK0234-98) Soil	**Sampled: 11/03/11 10:39**		**Received: 11/04/11 16:00**							
Arsenic	**6.1**		1.0	mg/kg	10	CU08210	11/10/11	11/10/11	EPA 6020	
S5-12 (CUK0234-99) Soil	**Sampled: 11/03/11 10:27**		**Received: 11/04/11 16:00**							
Arsenic	**5.9**		1.0	mg/kg	10	CU08210	11/10/11	11/10/11	EPA 6020	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-13 (CUK0234-AA) Soil	**Sampled: 11/03/11 10:20**		**Received: 11/04/11 16:00**							
Arsenic	**6.7**		1.0	mg/kg	10	CU08210	11/10/11	11/10/11	EPA 6020	
S5-14 (CUK0234-AB) Soil	**Sampled: 11/03/11 10:15**		**Received: 11/04/11 16:00**							
Arsenic	**5.0**		1.0	mg/kg	10	CU08210	11/10/11	11/10/11	EPA 6020	
S5-15 (CUK0234-AC) Soil	**Sampled: 11/03/11 10:05**		**Received: 11/04/11 16:00**							
Arsenic	**6.0**		1.0	mg/kg	10	CU08210	11/10/11	11/10/11	EPA 6020	
S5-16 (CUK0234-AD) Soil	**Sampled: 11/03/11 10:10**		**Received: 11/04/11 16:00**							
Arsenic	**5.3**		1.0	mg/kg	10	CU08210	11/10/11	11/10/11	EPA 6020	
S5-17 (CUK0234-AE) Soil	**Sampled: 11/03/11 09:30**		**Received: 11/04/11 16:00**							
Arsenic	**4.9**		1.0	mg/kg	10	CU08210	11/10/11	11/10/11	EPA 6020	
S5-18 (CUK0234-AF) Soil	**Sampled: 11/03/11 09:40**		**Received: 11/04/11 16:00**							
Arsenic	**4.9**		1.0	mg/kg	10	CU08210	11/10/11	11/10/11	EPA 6020	
S5-19 (CUK0234-AG) Soil	**Sampled: 11/03/11 09:35**		**Received: 11/04/11 16:00**							
Arsenic	**5.2**		1.0	mg/kg	10	CU08210	11/10/11	11/10/11	EPA 6020	
S5-20 (CUK0234-AH) Soil	**Sampled: 11/03/11 08:05**		**Received: 11/04/11 16:00**							
Arsenic	**4.4**		1.0	mg/kg	10	CU08210	11/10/11	11/10/11	EPA 6020	
S5-21 (CUK0234-AI) Soil	**Sampled: 11/03/11 08:10**		**Received: 11/04/11 16:00**							
Arsenic	**4.6**		1.0	mg/kg	10	CU08210	11/10/11	11/10/11	EPA 6020	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-22 (CUK0234-AJ) Soil Sampled: 11/03/11 08:08 Received: 11/04/11 16:00										
Arsenic	**5.8**		1.0	mg/kg	10	CU08210	11/10/11	11/10/11	EPA 6020	
S5-23 (CUK0234-AK) Soil Sampled: 11/03/11 08:00 Received: 11/04/11 16:00										
Arsenic	**6.1**		1.0	mg/kg	10	CU08210	11/10/11	11/10/11	EPA 6020	
S5-24 (CUK0234-AL) Soil Sampled: 11/03/11 08:15 Received: 11/04/11 16:00										
Arsenic	**5.4**		1.0	mg/kg	10	CU08210	11/10/11	11/10/11	EPA 6020	
S5-25 (CUK0234-AM) Soil Sampled: 11/03/11 08:10 Received: 11/04/11 16:00										
Arsenic	**6.1**		1.0	mg/kg	10	CU08210	11/10/11	11/10/11	EPA 6020	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-1 (CUK0234-01) Soil Sampled: 11/03/11 09:43 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*85 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*72 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**210**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**63**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**43**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-2 (CUK0234-02) Soil Sampled: 11/03/11 09:50 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*86 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*80 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**300**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**81**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**71**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-2 (CUK0234-02) Soil Sampled: 11/03/11 09:50 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08098	"	11/07/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-3 (CUK0234-03) Soil Sampled: 11/03/11 10:11 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*94 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*75 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**260**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**73**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**64**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-4 (CUK0234-04) Soil Sampled: 11/03/11 08:15 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*88 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*66 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**190**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**55**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**34**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-5 (CUK0234-05) Soil Sampled: 11/03/11 08:20 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*86 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*78 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**270**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**82**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**72**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-5 (CUK0234-05) Soil Sampled: 11/03/11 08:20 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08098	"	11/07/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-6 (CUK0234-06) Soil Sampled: 11/03/11 08:25 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*86 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*72 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**260**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**76**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**76**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-7 (CUK0234-07) Soil Sampled: 11/03/11 08:20 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*77 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*73 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**170**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**46**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**61**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-8 (CUK0234-08) Soil Sampled: 11/03/11 08:24 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*79 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*73 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	**12**	2.4	150	"	10	"	"	"	"	J
4,4´-DDE	**310**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**110**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**93**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-8 (CUK0234-08) Soil Sampled: 11/03/11 08:24 Received: 11/04/11 16:00										
Endosulfan II	**9.9**	1.5	150	µg/kg	10	CU08098	"	11/07/11	EPA 8081A	J
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-9 (CUK0234-09) Soil Sampled: 11/03/11 08:29 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*84 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*76 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**280**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**94**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**85**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-10 (CUK0234-10) Soil Sampled: 11/03/11 09:25 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*85 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*76 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**140**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**24**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**41**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-11 (CUK0234-11) Soil Sampled: 11/03/11 09:26 Received: 11/04/11 16:00										**Pest2**
Surrogate: Decachlorobiphenyl	*94 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*80 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**20**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**17**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-11 (CUK0234-11) Soil Sampled: 11/03/11 09:26 Received: 11/04/11 16:00										**Pest2**
Endosulfan II	ND	1.5	150	µg/kg	10	CU08098	"	11/07/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-12 (CUK0234-12) Soil Sampled: 11/03/11 09:30 Received: 11/04/11 16:00										**Pest2**
Surrogate: Decachlorobiphenyl	*88 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*74 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**23**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**10**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-13 (CUK0234-13) Soil Sampled: 11/03/11 09:34 Received: 11/04/11 16:00										**Pest2**
Surrogate: Decachlorobiphenyl	*90 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*78 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**16**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**9.1**	1.9	10	"	10	"	"	"	"	J
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-14 (CUK0234-14) Soil Sampled: 11/03/11 09:22 Received: 11/04/11 16:00										**Pest2**
Surrogate: Decachlorobiphenyl	*90 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*78 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**17**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**11**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-14 (CUK0234-14) Soil Sampled: 11/03/11 09:22 Received: 11/04/11 16:00										**Pest2**
Endosulfan II	ND	1.5	150	µg/kg	10	CU08098	"	11/07/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-15 (CUK0234-15) Soil Sampled: 11/03/11 09:20 Received: 11/04/11 16:00										**Pest2**
Surrogate: Decachlorobiphenyl	*85 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*77 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**13**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-16 (CUK0234-16) Soil Sampled: 11/03/11 08:34 Received: 11/04/11 16:00										**Pest2**
Surrogate: Decachlorobiphenyl	*86 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*71 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**120**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**29**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**29**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-17 (CUK0234-17) Soil Sampled: 11/03/11 08:30 Received: 11/04/11 16:00										**Pest2**
Surrogate: Decachlorobiphenyl	*93 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*74 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**120**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**21**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**34**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-17 (CUK0234-17) Soil Sampled: 11/03/11 08:30 Received: 11/04/11 16:00										**Pest2**
Endosulfan II	ND	1.5	150	µg/kg	10	CU08098	"	11/07/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-18 (CUK0234-18) Soil Sampled: 11/03/11 10:07 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*87 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*87 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**300**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**45**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	**4800**	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**92**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	**22**	1.5	150	"	10	"	"	"	"	J
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-19 (CUK0234-19) Soil Sampled: 11/03/11 10:03 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*108 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*88 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**300**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**83**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**63**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-20 (CUK0234-20) Soil Sampled: 11/03/11 08:35 Received: 11/04/11 16:00										**Pest2**
Surrogate: Decachlorobiphenyl	*89 %*		*52-141*	µg/kg		*CU08098*	11/07/11	*11/07/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*75 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**65**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**14**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**24**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-20 (CUK0234-20) Soil Sampled: 11/03/11 08:35 Received: 11/04/11 16:00										**Pest2**
Endosulfan II	ND	1.5	150	µg/kg	10	CU08098	"	11/07/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-21 (CUK0234-21) Soil Sampled: 11/03/11 08:39 Received: 11/04/11 16:00										**Pest2**
Surrogate: Decachlorobiphenyl	*83 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*63 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**18**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**36**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-22 (CUK0234-22) Soil Sampled: 11/03/11 09:20 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*89 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*90 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**28**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**30**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-23 (CUK0234-23) Soil Sampled: 11/03/11 09:19 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*81 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*70 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	ND	2.2	150	"	10	"	"	"	"	
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-23 (CUK0234-23) Soil Sampled: 11/03/11 09:19 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08103	"	11/08/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-24 (CUK0234-24) Soil Sampled: 11/03/11 09:36 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*81 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*80 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	ND	2.2	150	"	10	"	"	"	"	
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**4.9**	1.9	10	"	10	"	"	"	"	J
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-25 (CUK0234-25) Soil Sampled: 11/03/11 09:39 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*88 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*82 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**110**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**27**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**33**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-26 (CUK0234-26) Soil Sampled: 11/03/11 09:14 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*89 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*75 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**24**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**6.2**	1.9	10	"	10	"	"	"	"	J
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-26 (CUK0234-26) Soil Sampled: 11/03/11 09:14 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08103	"	11/08/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-27 (CUK0234-27) Soil Sampled: 11/03/11 09:15 Received: 11/04/11 16:00										**Pest2**
Surrogate: Decachlorobiphenyl	*119 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*90 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**130**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**10**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**31**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-28 (CUK0234-28) Soil Sampled: 11/04/11 09:04 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*88 %*		*52-141*	µg/kg		*CU08153*	11/08/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*78 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**180**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**42**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**38**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-29 (CUK0234-29) Soil Sampled: 11/03/11 08:40 Received: 11/04/11 16:00										**Pest2**
Surrogate: Decachlorobiphenyl	*95 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*79 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**95**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**23**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**25**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-29 (CUK0234-29) Soil Sampled: 11/03/11 08:40 Received: 11/04/11 16:00										**Pest2**
Endosulfan II	ND	1.5	150	µg/kg	10	CU08103	"	11/08/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-30 (CUK0234-30) Soil Sampled: 11/03/11 09:56 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*97 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*84 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**240**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**86**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**62**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-31 (CUK0234-31) Soil Sampled: 11/03/11 08:45 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*109 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*96 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**220**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**79**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**67**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-32 (CUK0234-32) Soil Sampled: 11/03/11 08:48 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*96 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*79 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**140**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**30**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**25**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-32 (CUK0234-32) Soil Sampled: 11/03/11 08:48 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08103	"	11/08/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-33 (CUK0234-33) Soil Sampled: 11/03/11 09:10 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*92 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*77 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**250**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**70**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**68**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-34 (CUK0234-34) Soil Sampled: 11/03/11 09:11 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*103 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*80 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	**23**	2.4	150	"	10	"	"	"	"	J
4,4´-DDE	**310**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**100**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**61**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-35 (CUK0234-35) Soil Sampled: 11/03/11 09:42 Received: 11/04/11 16:00										**Pest2**
Surrogate: Decachlorobiphenyl	*100 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*77 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**150**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**42**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**26**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-35 (CUK0234-35) Soil Sampled: 11/03/11 09:42 Received: 11/04/11 16:00										**Pest2**
Endosulfan II	ND	1.5	150	µg/kg	10	CU08103	"	11/08/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-36 (CUK0234-36) Soil Sampled: 11/03/11 09:45 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*82 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*80 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**170**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**39**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**16**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-37 (CUK0234-37) Soil Sampled: 11/03/11 09:08 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*113 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*90 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**290**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**48**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**45**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-38 (CUK0234-38) Soil Sampled: 11/03/11 09:05 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*112 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*85 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**330**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**110**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**50**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-38 (CUK0234-38) Soil Sampled: 11/03/11 09:05 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08103	"	11/09/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-39 (CUK0234-39) Soil Sampled: 11/03/11 08:53 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*89 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*74 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**50**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**6.6**	1.9	10	"	10	"	"	"	"	J
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-40 (CUK0234-40) Soil Sampled: 11/03/11 08:50 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*92 %*		*52-141*	µg/kg		*CU08103*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*75 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**120**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**28**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**14**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-41 (CUK0234-41) Soil Sampled: 11/03/11 08:55 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*71 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*59 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**100**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**16**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	**250**	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**13**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-41 (CUK0234-41) Soil Sampled: 11/03/11 08:55 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08110	"	11/08/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-42 (CUK0234-42) Soil Sampled: 11/03/11 08:57 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*79 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*74 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**370**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**70**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	**560**	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**78**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-43 (CUK0234-43) Soil Sampled: 11/03/11 09:00 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*80 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*69 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**250**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**43**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	**270**	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**47**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-44 (CUK0234-44) Soil Sampled: 11/03/11 09:04 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*78 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*76 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**250**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**57**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	**420**	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**45**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1-44 (CUK0234-44) Soil Sampled: 11/03/11 09:04 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08110	"	11/08/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S1-45 (CUK0234-45) Soil Sampled: 11/03/11 09:48 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*85 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*76 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**180**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**37**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	**250**	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**34**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S2-1 (CUK0234-46) Soil Sampled: 11/03/11 10:19 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*90 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*77 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**160**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**37**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**23**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S2-2 (CUK0234-47) Soil Sampled: 11/03/11 10:22 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*97 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*83 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**130**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**40**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**12**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S2-2 (CUK0234-47) Soil Sampled: 11/03/11 10:22 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08110	"	11/08/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S2-3 (CUK0234-48) Soil Sampled: 11/03/11 10:28 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*87 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*72 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**170**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**56**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**27**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose
6399 San Ignacio Ave, Suite 150
San Jose CA, 95119

Project: The Estates @ San Sebastian
Project Number: 9301.000.001
Project Manager: Scott Johns

CLS Work Order #: CUK0234
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S2-4 (CUK0234-49) Soil Sampled: 11/03/11 10:44 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*87 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*74 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**140**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**34**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	**140**	10	200	"	10	"	"	"	"	J
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**21**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S2-5 (CUK0234-50) Soil Sampled: 11/03/11 10:39 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*85 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*78 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**140**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**21**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**20**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S2-5 (CUK0234-50) Soil Sampled: 11/03/11 10:39 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08110	"	11/08/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S2-6 (CUK0234-51) Soil Sampled: 11/03/11 10:32 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*74 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*59 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**100**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**23**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**12**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S2-7 (CUK0234-52) Soil Sampled: 11/03/11 10:52 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*76 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*70 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**61**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**17**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**5.3**	1.9	10	"	10	"	"	"	"	J
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S2-8 (CUK0234-53) Soil Sampled: 11/03/11 10:55 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*71 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*60 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**79**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**11**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**15**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S2-8 (CUK0234-53) Soil Sampled: 11/03/11 10:55 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08110	"	11/08/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S2-9 (CUK0234-54) Soil Sampled: 11/03/11 10:58 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*77 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*73 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**130**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**38**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**15**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose
6399 San Ignacio Ave, Suite 150
San Jose CA, 95119

Project: The Estates @ San Sebastian
Project Number: 9301.000.001
Project Manager: Scott Johns

CLS Work Order #: CUK0234
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S2-10 (CUK0234-55) Soil Sampled: 11/03/11 11:09 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*77 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*77 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**110**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**30**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**12**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S2-11 (CUK0234-56) Soil Sampled: 11/03/11 11:07 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*71 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*77 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**110**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**31**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**12**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S2-11 (CUK0234-56) Soil Sampled: 11/03/11 11:07 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08110	"	11/08/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S2-12 (CUK0234-57) Soil Sampled: 11/03/11 11:04 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*80 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*72 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**98**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**30**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**14**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose
6399 San Ignacio Ave, Suite 150
San Jose CA, 95119

Project: The Estates @ San Sebastian
Project Number: 9301.000.001
Project Manager: Scott Johns

CLS Work Order #: CUK0234
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S3-1 (CUK0234-58) Soil Sampled: 11/03/11 12:41 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*108 %*		*52-141*	µg/kg		*CU08153*	11/08/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*99 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	ND	2.2	150	"	10	"	"	"	"	
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S3-2 (CUK0234-59) Soil Sampled: 11/03/11 12:53 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*90 %*		*52-141*	µg/kg		*CU08153*	11/08/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*73 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	ND	2.2	150	"	10	"	"	"	"	
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S3-2 (CUK0234-59) Soil Sampled: 11/03/11 12:53 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08153	"	11/10/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S3-3 (CUK0234-60) Soil Sampled: 11/03/11 12:48 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*106 %*		*52-141*	µg/kg		*CU08153*	11/08/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*64 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	ND	2.2	150	"	10	"	"	"	"	
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S3-4 (CUK0234-61) Soil Sampled: 11/03/11 13:01 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*69 %*		*52-141*	µg/kg		*CU08153*	11/08/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*65 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	ND	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**13**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S3-5 (CUK0234-62) Soil Sampled: 11/03/11 13:07 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*66 %*		*52-141*	µg/kg		*CU08153*	11/08/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*68 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	ND	2.2	150	"	10	"	"	"	"	
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S3-5 (CUK0234-62) Soil Sampled: 11/03/11 13:07 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08153	"	11/10/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S3-6 (CUK0234-63) Soil Sampled: 11/03/11 13:10 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*85 %*		*52-141*	µg/kg		*CU08153*	11/08/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*73 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	ND	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**31**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**7.1**	1.9	10	"	10	"	"	"	"	J
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S3-7 (CUK0234-64) Soil Sampled: 11/03/11 12:44 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*94 %*		*52-141*	µg/kg		*CU08153*	11/08/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*80 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**9.3**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S3-8 (CUK0234-65) Soil Sampled: 11/03/11 12:50 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*58 %*		*52-141*	µg/kg		*CU08153*	11/08/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*60 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	ND	2.2	150	"	10	"	"	"	"	
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S3-8 (CUK0234-65) Soil Sampled: 11/03/11 12:50 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08153	"	11/10/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S3-9 (CUK0234-66) Soil Sampled: 11/03/11 12:56 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*86 %*		*52-141*	µg/kg		*CU08153*	11/08/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*81 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	ND	2.2	150	"	10	"	"	"	"	
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S3-10 (CUK0234-67) Soil Sampled: 11/03/11 13:02 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*92 %*		*52-141*	µg/kg		*CU08153*	11/08/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*67 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**14**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S4-1 (CUK0234-68) Soil Sampled: 11/03/11 11:22 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*72 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*73 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**110**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**31**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	**130**	10	200	"	10	"	"	"	"	J
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**28**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S4-1 (CUK0234-68) Soil Sampled: 11/03/11 11:22 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08110	"	11/08/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S4-2 (CUK0234-69) Soil Sampled: 11/03/11 11:25 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*78 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*79 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**74**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**19**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**23**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S4-3 (CUK0234-70) Soil Sampled: 11/03/11 10:28 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*75 %*		*52-141*	µg/kg		*CU08110*	11/07/11	*11/08/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*66 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**96**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**36**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**32**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S4-4 (CUK0234-71) Soil Sampled: 11/03/11 11:31 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*84 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*71 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**100**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**23**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	**50**	10	200	"	10	"	"	"	"	J
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**32**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S4-4 (CUK0234-71) Soil Sampled: 11/03/11 11:31 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08111	"	11/09/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S4-5 (CUK0234-72) Soil Sampled: 11/03/11 11:40 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*91 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*72 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**140**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**34**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	**110**	10	200	"	10	"	"	"	"	J
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**35**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	**8.0**	0.92	150	"	10	"	"	"	"	J
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S4-6 (CUK0234-73) Soil Sampled: 11/03/11 11:43 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*83 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*75 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**130**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**32**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	**220**	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**40**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S4-7 (CUK0234-74) Soil Sampled: 11/03/11 11:50 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*80 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*74 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**62**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**12**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**9.8**	1.9	10	"	10	"	"	"	"	J
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S4-7 (CUK0234-74) Soil Sampled: 11/03/11 11:50 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08111	"	11/09/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S4-8 (CUK0234-75) Soil Sampled: 11/03/11 11:54 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*84 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*76 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**47**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**6.8**	1.9	10	"	10	"	"	"	"	J
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose
6399 San Ignacio Ave, Suite 150
San Jose CA, 95119

Project: The Estates @ San Sebastian
Project Number: 9301.000.001
Project Manager: Scott Johns

CLS Work Order #: CUK0234
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S4-9 (CUK0234-76) Soil Sampled: 11/03/11 11:57 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*65 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*69 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**48**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**12**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**7.3**	1.9	10	"	10	"	"	"	"	J
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S4-10 (CUK0234-77) Soil Sampled: 11/03/11 12:00 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*94 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*71 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**180**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**38**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**32**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S4-10 (CUK0234-77) Soil Sampled: 11/03/11 12:00 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08111	"	11/09/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S4-11 (CUK0234-78) Soil Sampled: 11/03/11 12:04 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*79 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*67 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**200**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**43**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**38**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S4-12 (CUK0234-79) Soil Sampled: 11/03/11 12:09 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*80 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*70 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**190**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**47**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	**200**	10	200	"	10	"	"	"	"	J
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**96**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S4-13 (CUK0234-80) Soil Sampled: 11/03/11 11:47 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*83 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*73 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**110**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**24**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	**130**	10	200	"	10	"	"	"	"	J
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**30**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S4-13 (CUK0234-80) Soil Sampled: 11/03/11 11:47 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08111	"	11/09/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S4-14 (CUK0234-81) Soil Sampled: 11/03/11 11:51 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*57 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*54 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**28**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**8.8**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S4-15 (CUK0234-82) Soil Sampled: 11/03/11 11:55 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*67 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*71 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**89**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**26**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	**110**	10	200	"	10	"	"	"	"	J
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**33**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S4-16 (CUK0234-83) Soil Sampled: 11/03/11 11:58 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*81 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*75 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**160**	2.2	150	"	10	"	"	"	"	
4,4´-DDT	**26**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**57**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S4-16 (CUK0234-83) Soil Sampled: 11/03/11 11:58 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08111	"	11/09/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S4-17 (CUK0234-84) Soil Sampled: 11/03/11 12:05 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*86 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*72 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**82**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**17**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**23**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S4-18 (CUK0234-85) Soil Sampled: 11/03/11 12:08 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*89 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*76 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**130**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**27**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**47**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S4-19 (CUK0234-86) Soil Sampled: 11/03/11 12:13 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*88 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*72 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**110**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**25**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**37**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S4-19 (CUK0234-86) Soil Sampled: 11/03/11 12:13 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08111	"	11/09/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S4-20 (CUK0234-87) Soil Sampled: 11/03/11 12:16 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*85 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*62 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**120**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**27**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	**46**	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-1 (CUK0234-88) Soil Sampled: 11/03/11 11:33 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*97 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*84 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**59**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**20**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S5-2 (CUK0234-89) Soil Sampled: 11/03/11 11:40 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*98 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*81 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**54**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**20**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-2 (CUK0234-89) Soil Sampled: 11/03/11 11:40 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08111	"	11/09/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S5-3 (CUK0234-90) Soil Sampled: 11/03/11 11:18 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*93 %*		*52-141*	µg/kg		*CU08111*	11/07/11	*11/09/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*84 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**50**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**20**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-4 (CUK0234-91) Soil Sampled: 11/03/11 11:07 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*87 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*81 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**66**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**19**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S5-5 (CUK0234-92) Soil Sampled: 11/03/11 11:15 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*90 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*75 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**65**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**21**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-5 (CUK0234-92) Soil Sampled: 11/03/11 11:15 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08112	"	11/10/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S5-6 (CUK0234-93) Soil Sampled: 11/03/11 10:45 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*86 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*75 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**49**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**18**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-7 (CUK0234-94) Soil Sampled: 11/03/11 10:55 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*89 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*83 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**53**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**18**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S5-8 (CUK0234-95) Soil Sampled: 11/03/11 10:50 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*97 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*83 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**62**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**19**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-8 (CUK0234-95) Soil Sampled: 11/03/11 10:50 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08112	"	11/10/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S5-9 (CUK0234-96) Soil Sampled: 11/03/11 10:32 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*95 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*80 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**74**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**27**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-10 (CUK0234-97) Soil Sampled: 11/03/11 10:36 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*93 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*89 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**59**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**22**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S5-11 (CUK0234-98) Soil Sampled: 11/03/11 10:39 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*80 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*85 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**44**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**18**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-11 (CUK0234-98) Soil Sampled: 11/03/11 10:39 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08112	"	11/10/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S5-12 (CUK0234-99) Soil Sampled: 11/03/11 10:27 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*93 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*78 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**83**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**25**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-13 (CUK0234-AA) Soil Sampled: 11/03/11 10:20 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*98 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*83 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**69**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**20**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S5-14 (CUK0234-AB) Soil Sampled: 11/03/11 10:15 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*90 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*80 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**55**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**16**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-14 (CUK0234-AB) Soil Sampled: 11/03/11 10:15 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08112	"	11/10/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S5-15 (CUK0234-AC) Soil Sampled: 11/03/11 10:05 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*76 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*66 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**49**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**18**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-16 (CUK0234-AD) Soil Sampled: 11/03/11 10:10 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*103 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*86 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**100**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**25**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S5-17 (CUK0234-AE) Soil Sampled: 11/03/11 09:30 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*61 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*57 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**8.2**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-17 (CUK0234-AE) Soil Sampled: 11/03/11 09:30 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08112	"	11/10/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S5-18 (CUK0234-AF) Soil Sampled: 11/03/11 09:40 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*101 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*92 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**43**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	**15**	1.2	150	"	10	"	"	"	"	J
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-19 (CUK0234-AG) Soil Sampled: 11/03/11 09:35 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*98 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*86 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	ND	2.2	150	"	10	"	"	"	"	
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S5-20 (CUK0234-AH) Soil Sampled: 11/03/11 08:05 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*107 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*87 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**9.1**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-20 (CUK0234-AH) Soil Sampled: 11/03/11 08:05 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08112	"	11/10/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S5-21 (CUK0234-AI) Soil Sampled: 11/03/11 08:10 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*102 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*95 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**12**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-22 (CUK0234-AJ) Soil Sampled: 11/03/11 08:08 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*105 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*88 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	ND	2.2	150	"	10	"	"	"	"	
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S5-23 (CUK0234-AK) Soil Sampled: 11/03/11 08:00 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*105 %*		*52-141*	µg/kg		*CU08112*	11/07/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*99 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	**34**	2.2	150	"	10	"	"	"	"	J
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-23 (CUK0234-AK) Soil Sampled: 11/03/11 08:00 Received: 11/04/11 16:00										
Endosulfan II	ND	1.5	150	µg/kg	10	CU08112	"	11/10/11	EPA 8081A	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	
S5-24 (CUK0234-AL) Soil Sampled: 11/03/11 08:15 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*74 %*		*52-141*	µg/kg		*CU08153*	11/08/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*78 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	ND	2.2	150	"	10	"	"	"	"	
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5-25 (CUK0234-AM) Soil Sampled: 11/03/11 08:10 Received: 11/04/11 16:00										
Surrogate: Decachlorobiphenyl	*86 %*		*52-141*	µg/kg		*CU08153*	11/08/11	*11/10/11*	*EPA 8081A*	
Surrogate: Tetrachloro-meta-xylene	*88 %*		*46-139*	"		"	"	"	"	
4,4´-DDD	ND	2.4	150	"	10	"	"	"	"	
4,4´-DDE	ND	2.2	150	"	10	"	"	"	"	
4,4´-DDT	ND	1.2	150	"	10	"	"	"	"	
Aldrin	ND	1.3	10	"	10	"	"	"	"	
alpha-BHC	ND	0.0061	20	"	10	"	"	"	"	
beta-BHC	ND	1.2	100	"	10	"	"	"	"	
Chlordane-technical	ND	10	200	"	10	"	"	"	"	
delta-BHC	ND	1.2	100	"	10	"	"	"	"	
Dieldrin	ND	1.9	10	"	10	"	"	"	"	
Endosulfan I	ND	1.3	150	"	10	"	"	"	"	
Endosulfan II	ND	1.5	150	"	10	"	"	"	"	
Endosulfan sulfate	ND	1.3	150	"	10	"	"	"	"	
Endrin	ND	0.92	150	"	10	"	"	"	"	
Endrin aldehyde	ND	1.3	150	"	10	"	"	"	"	
gamma-BHC (Lindane)	ND	7.0	100	"	10	"	"	"	"	
Heptachlor	ND	1.1	50	"	10	"	"	"	"	
Heptachlor epoxide	ND	1.3	20	"	10	"	"	"	"	
Methoxychlor	ND	1.5	150	"	10	"	"	"	"	
Mirex	ND	5.4	100	"	10	"	"	"	"	
Toxaphene	ND	26	200	"	10	"	"	"	"	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods - Quality Control
CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CU08106 - EPA 3050B											
Blank (CU08106-BLK1)					Prepared & Analyzed: 11/07/11						
Arsenic	ND		0.10	mg/kg							
LCS (CU08106-BS1)					Prepared & Analyzed: 11/07/11						
Arsenic	4.77		0.10	mg/kg	5.00		95	75-125			
LCS Dup (CU08106-BSD1)					Prepared & Analyzed: 11/07/11						
Arsenic	4.62		0.10	mg/kg	5.00		92	75-125	3	25	
Matrix Spike (CU08106-MS1)		**Source: CUK0234-01**			Prepared & Analyzed: 11/07/11						
Arsenic	10.2		1.0	mg/kg	5.00	6.91	66	75-125			QM-5
Matrix Spike Dup (CU08106-MSD1)		**Source: CUK0234-01**			Prepared & Analyzed: 11/07/11						
Arsenic	9.61		1.0	mg/kg	5.00	6.91	54	75-125	6	30	QM-5
Batch CU08140 - EPA 3050B											
Blank (CU08140-BLK1)					Prepared & Analyzed: 11/08/11						
Arsenic	ND		0.10	mg/kg							
LCS (CU08140-BS1)					Prepared & Analyzed: 11/08/11						
Arsenic	4.38		0.10	mg/kg	5.00		88	75-125			
LCS Dup (CU08140-BSD1)					Prepared & Analyzed: 11/08/11						
Arsenic	4.48		0.10	mg/kg	5.00		90	75-125	2	25	
Matrix Spike (CU08140-MS1)		**Source: CUK0310-01**			Prepared & Analyzed: 11/08/11						
Arsenic	6.47		1.0	mg/kg	5.00	3.44	61	75-125			QM-5

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods - Quality Control

CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CU08140 - EPA 3050B											
Matrix Spike Dup (CU08140-MSD1)		**Source: CUK0310-01**			Prepared & Analyzed: 11/08/11						
Arsenic	6.58		1.0	mg/kg	5.00	3.44	63	75-125	2	30	QM-5
Batch CU08172 - EPA 3050B											
Blank (CU08172-BLK1)					Prepared & Analyzed: 11/09/11						
Arsenic	ND		0.10	mg/kg							
LCS (CU08172-BS1)					Prepared & Analyzed: 11/09/11						
Arsenic	4.81		0.10	mg/kg	5.00		96	75-125			
LCS Dup (CU08172-BSD1)					Prepared & Analyzed: 11/09/11						
Arsenic	4.78		0.10	mg/kg	5.00		96	75-125	0.7	25	
Matrix Spike (CU08172-MS1)		**Source: CUK0234-38**			Prepared & Analyzed: 11/09/11						
Arsenic	12.0		1.0	mg/kg	5.00	7.96	82	75-125			
Matrix Spike Dup (CU08172-MSD1)		**Source: CUK0234-38**			Prepared & Analyzed: 11/09/11						
Arsenic	12.4		1.0	mg/kg	5.00	7.96	89	75-125	3	30	
Batch CU08173 - EPA 3050B											
Blank (CU08173-BLK1)					Prepared & Analyzed: 11/09/11						
Arsenic	ND		0.10	mg/kg							
LCS (CU08173-BS1)					Prepared & Analyzed: 11/09/11						
Arsenic	4.82		0.10	mg/kg	5.00		96	75-125			

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods - Quality Control

CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CU08173 - EPA 3050B											
LCS Dup (CU08173-BSD1)					Prepared & Analyzed: 11/09/11						
Arsenic	4.84		0.10	mg/kg	5.00		97	75-125	0.4	25	
Matrix Spike (CU08173-MS1)		**Source: CUK0234-57**			Prepared & Analyzed: 11/09/11						
Arsenic	10.6		5.0	mg/kg	5.00	6.31	85	75-125			
Matrix Spike Dup (CU08173-MSD1)		**Source: CUK0234-57**			Prepared & Analyzed: 11/09/11						
Arsenic	11.0		1.0	mg/kg	5.00	6.31	93	75-125	4	30	
Batch CU08187 - EPA 3050B											
Blank (CU08187-BLK1)					Prepared: 11/09/11 Analyzed: 11/10/11						
Arsenic	ND		0.10	mg/kg							
LCS (CU08187-BS1)					Prepared: 11/09/11 Analyzed: 11/10/11						
Arsenic	4.64		0.10	mg/kg	5.00		93	75-125			
LCS Dup (CU08187-BSD1)					Prepared: 11/09/11 Analyzed: 11/10/11						
Arsenic	4.69		0.10	mg/kg	5.00		94	75-125	1	25	
Matrix Spike (CU08187-MS1)		**Source: CUK0234-77**			Prepared: 11/09/11 Analyzed: 11/10/11						
Arsenic	8.75		1.0	mg/kg	5.00	5.23	70	75-125			QM-5
Matrix Spike Dup (CU08187-MSD1)		**Source: CUK0234-77**			Prepared: 11/09/11 Analyzed: 11/10/11						
Arsenic	9.38		1.0	mg/kg	5.00	5.23	83	75-125	7	30	
Batch CU08210 - EPA 3050B											
Blank (CU08210-BLK1)					Prepared & Analyzed: 11/10/11						
Arsenic	ND		0.10	mg/kg							

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Metals by EPA 6000/7000 Series Methods - Quality Control

CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CU08210 - EPA 3050B											
LCS (CU08210-BS1)					Prepared & Analyzed: 11/10/11						
Arsenic	4.47		0.10	mg/kg	5.00		89	75-125			
LCS Dup (CU08210-BSD1)					Prepared & Analyzed: 11/10/11						
Arsenic	4.69		0.10	mg/kg	5.00		94	75-125	5	25	
Matrix Spike (CU08210-MS1)		**Source: CUK0234-98**			Prepared & Analyzed: 11/10/11						
Arsenic	11.0		1.0	mg/kg	5.00	6.13	98	75-125			
Matrix Spike Dup (CU08210-MSD1)		**Source: CUK0234-98**			Prepared & Analyzed: 11/10/11						
Arsenic	10.8		1.0	mg/kg	5.00	6.13	94	75-125	2	30	

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A - Quality Control

CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CU08098 - LUFT-DHS GCNV											
Blank (CU08098-BLK1)					Prepared & Analyzed: 11/07/11						
Surrogate: Tetrachloro-meta-xylene	*5.79*			*µg/kg*	*8.33*		*69*	*46-139*			
Surrogate: Decachlorobiphenyl	*6.91*			*"*	*8.33*		*83*	*52-141*			
Aldrin	ND	0.13	1.0	"							
alpha-BHC	ND	0.00061	2.0	"							
beta-BHC	ND	0.12	10	"							
delta-BHC	ND	0.12	10	"							
gamma-BHC (Lindane)	ND	0.70	10	"							
Chlordane-technical	ND	1.0	20	"							
4,4´-DDD	ND	0.24	15	"							
4,4´-DDE	ND	0.22	15	"							
4,4´-DDT	ND	0.12	15	"							
Dieldrin	ND	0.19	1.0	"							
Endosulfan I	ND	0.13	15	"							
Endosulfan II	ND	0.15	15	"							
Endosulfan sulfate	ND	0.13	15	"							
Endrin	ND	0.092	15	"							
Endrin aldehyde	ND	0.13	15	"							
Heptachlor	ND	0.11	5.0	"							
Heptachlor epoxide	ND	0.13	2.0	"							
Methoxychlor	ND	0.15	15	"							
Mirex	ND	0.54	10	"							
Toxaphene	ND	2.6	20	"							
LCS (CU08098-BS1)					Prepared & Analyzed: 11/07/11						
Surrogate: Tetrachloro-meta-xylene	*5.43*			*µg/kg*	*8.33*		*65*	*46-139*			
Surrogate: Decachlorobiphenyl	*6.38*			*"*	*8.33*		*77*	*52-141*			
Aldrin	11.2	0.13	1.0	"	16.7		67	47-132			
gamma-BHC (Lindane)	11.2	0.70	10	"	16.7		67	56-133			
4,4´-DDT	12.4	0.12	15	"	16.7		74	46-137			J
Dieldrin	11.9	0.19	1.0	"	16.7		71	44-143			
Endrin	11.8	0.092	15	"	16.7		71	30-147			J
Heptachlor	11.0	0.11	5.0	"	16.7		66	33-148			

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A - Quality Control

CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CU08098 - LUFT-DHS GCNV											
LCS Dup (CU08098-BSD1)					Prepared & Analyzed: 11/07/11						
Surrogate: Tetrachloro-meta-xylene	*5.19*			*µg/kg*	*8.33*		*62*	*46-139*			
Surrogate: Decachlorobiphenyl	*6.33*			*"*	*8.33*		*76*	*52-141*			
Aldrin	11.3	0.13	1.0	"	16.7		68	47-132	0.9	30	
gamma-BHC (Lindane)	11.5	0.70	10	"	16.7		69	56-133	2	30	
4,4´-DDT	12.7	0.12	15	"	16.7		76	46-137	3	30	J
Dieldrin	12.3	0.19	1.0	"	16.7		74	44-143	3	30	
Endrin	12.1	0.092	15	"	16.7		73	30-147	3	30	J
Heptachlor	11.2	0.11	5.0	"	16.7		67	33-148	2	30	
Matrix Spike (CU08098-MS1)		**Source: CUK0234-01**			Prepared & Analyzed: 11/07/11						
Surrogate: Tetrachloro-meta-xylene	*13.9*			*µg/kg*	*20.8*		*67*	*46-139*			
Surrogate: Decachlorobiphenyl	*16.1*			*"*	*20.8*		*77*	*52-141*			
Aldrin	11.2	1.3	10	"	16.7	ND	67	47-138			
gamma-BHC (Lindane)	11.1	7.0	100	"	16.7	ND	67	38-144			J
4,4´-DDT	66.6	1.2	150	"	16.7	62.7	23	41-157			QM-7, J
Dieldrin	51.0	1.9	10	"	16.7	43.3	46	46-155			
Endrin	15.3	0.92	150	"	16.7	ND	92	34-149			J
Heptachlor	11.5	1.1	50	"	16.7	ND	69	36-155			J
Matrix Spike Dup (CU08098-MSD1)		**Source: CUK0234-01**			Prepared & Analyzed: 11/07/11						
Surrogate: Tetrachloro-meta-xylene	*16.6*			*µg/kg*	*20.8*		*80*	*46-139*			
Surrogate: Decachlorobiphenyl	*18.7*			*"*	*20.8*		*90*	*52-141*			
Aldrin	13.2	1.3	10	"	16.7	ND	79	47-138	16	35	
gamma-BHC (Lindane)	12.7	7.0	100	"	16.7	ND	76	38-144	13	35	J
4,4´-DDT	82.8	1.2	150	"	16.7	62.7	120	41-157	22	35	J
Dieldrin	62.8	1.9	10	"	16.7	43.3	117	46-155	21	35	
Endrin	18.9	0.92	150	"	16.7	ND	114	34-149	21	35	J
Heptachlor	13.4	1.1	50	"	16.7	ND	80	36-155	15	35	J

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A - Quality Control

CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CU08103 - LUFT-DHS GCNV											
Blank (CU08103-BLK1)					Prepared: 11/07/11 Analyzed: 11/08/11						
Surrogate: Tetrachloro-meta-xylene	*5.63*			*µg/kg*	*8.33*		*68*	*46-139*			
Surrogate: Decachlorobiphenyl	*7.25*			*"*	*8.33*		*87*	*52-141*			
Aldrin	ND	0.13	1.0	"							
alpha-BHC	ND	0.00061	2.0	"							
beta-BHC	ND	0.12	10	"							
delta-BHC	ND	0.12	10	"							
gamma-BHC (Lindane)	ND	0.70	10	"							
Chlordane-technical	ND	1.0	20	"							
4,4´-DDD	ND	0.24	15	"							
4,4´-DDE	ND	0.22	15	"							
4,4´-DDT	ND	0.12	15	"							
Dieldrin	ND	0.19	1.0	"							
Endosulfan I	ND	0.13	15	"							
Endosulfan II	ND	0.15	15	"							
Endosulfan sulfate	ND	0.13	15	"							
Endrin	ND	0.092	15	"							
Endrin aldehyde	ND	0.13	15	"							
Heptachlor	ND	0.11	5.0	"							
Heptachlor epoxide	ND	0.13	2.0	"							
Methoxychlor	ND	0.15	15	"							
Mirex	ND	0.54	10	"							
Toxaphene	ND	2.6	20	"							
LCS (CU08103-BS1)					Prepared: 11/07/11 Analyzed: 11/08/11						
Surrogate: Tetrachloro-meta-xylene	*5.92*			*µg/kg*	*8.33*		*71*	*46-139*			
Surrogate: Decachlorobiphenyl	*7.43*			*"*	*8.33*		*89*	*52-141*			
Aldrin	11.9	0.13	1.0	"	16.7		72	47-132			
gamma-BHC (Lindane)	11.9	0.70	10	"	16.7		71	56-133			
4,4´-DDT	12.5	0.12	15	"	16.7		75	46-137			J
Dieldrin	12.9	0.19	1.0	"	16.7		77	44-143			
Endrin	13.0	0.092	15	"	16.7		78	30-147			J
Heptachlor	11.6	0.11	5.0	"	16.7		70	33-148			

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A - Quality Control

CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CU08103 - LUFT-DHS GCNV											
LCS Dup (CU08103-BSD1)					Prepared: 11/07/11 Analyzed: 11/08/11						
Surrogate: Tetrachloro-meta-xylene	*5.88*			*µg/kg*	*8.33*		*71*	*46-139*			
Surrogate: Decachlorobiphenyl	*7.66*			*"*	*8.33*		*92*	*52-141*			
Aldrin	12.1	0.13	1.0	"	16.7		73	47-132	1	30	
gamma-BHC (Lindane)	12.0	0.70	10	"	16.7		72	56-133	1	30	
4,4´-DDT	13.2	0.12	15	"	16.7		79	46-137	5	30	J
Dieldrin	12.8	0.19	1.0	"	16.7		77	44-143	1	30	
Endrin	13.1	0.092	15	"	16.7		79	30-147	1	30	J
Heptachlor	11.8	0.11	5.0	"	16.7		71	33-148	2	30	
Matrix Spike (CU08103-MS1)		**Source: CUK0234-21**			Prepared: 11/07/11 Analyzed: 11/08/11						
Surrogate: Tetrachloro-meta-xylene	*16.1*			*µg/kg*	*20.8*		*77*	*46-139*			
Surrogate: Decachlorobiphenyl	*19.4*			*"*	*20.8*		*93*	*52-141*			
Aldrin	14.8	1.3	10	"	16.7	ND	89	47-138			
gamma-BHC (Lindane)	14.2	7.0	100	"	16.7	ND	85	38-144			J
4,4´-DDT	14.2	1.2	150	"	16.7	ND	85	41-157			J
Dieldrin	56.2	1.9	10	"	16.7	36.5	118	46-155			
Endrin	14.0	0.92	150	"	16.7	ND	84	34-149			J
Heptachlor	14.5	1.1	50	"	16.7	ND	87	36-155			J
Matrix Spike Dup (CU08103-MSD1)		**Source: CUK0234-21**			Prepared: 11/07/11 Analyzed: 11/08/11						
Surrogate: Tetrachloro-meta-xylene	*16.8*			*µg/kg*	*20.8*		*81*	*46-139*			
Surrogate: Decachlorobiphenyl	*20.8*			*"*	*20.8*		*100*	*52-141*			
Aldrin	14.7	1.3	10	"	16.7	ND	88	47-138	0.9	35	
gamma-BHC (Lindane)	14.3	7.0	100	"	16.7	ND	86	38-144	0.8	35	J
4,4´-DDT	20.8	1.2	150	"	16.7	ND	125	41-157	38	35	QR-1, J
Dieldrin	59.7	1.9	10	"	16.7	36.5	139	46-155	6	35	
Endrin	14.4	0.92	150	"	16.7	ND	86	34-149	3	35	J
Heptachlor	14.1	1.1	50	"	16.7	ND	85	36-155	3	35	J

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
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San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A - Quality Control

CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CU08110 - LUFT-DHS GCNV											
Blank (CU08110-BLK1)					Prepared: 11/07/11 Analyzed: 11/08/11						
Surrogate: Tetrachloro-meta-xylene	*5.85*			*µg/kg*	*8.33*		*70*	*46-139*			
Surrogate: Decachlorobiphenyl	*7.37*			*"*	*8.33*		*88*	*52-141*			
Aldrin	ND	0.13	1.0	"							
alpha-BHC	ND	0.00061	2.0	"							
beta-BHC	ND	0.12	10	"							
delta-BHC	ND	0.12	10	"							
gamma-BHC (Lindane)	ND	0.70	10	"							
Chlordane-technical	ND	1.0	20	"							
4,4´-DDD	ND	0.24	15	"							
4,4´-DDE	ND	0.22	15	"							
4,4´-DDT	ND	0.12	15	"							
Dieldrin	ND	0.19	1.0	"							
Endosulfan I	ND	0.13	15	"							
Endosulfan II	ND	0.15	15	"							
Endosulfan sulfate	ND	0.13	15	"							
Endrin	ND	0.092	15	"							
Endrin aldehyde	ND	0.13	15	"							
Heptachlor	ND	0.11	5.0	"							
Heptachlor epoxide	ND	0.13	2.0	"							
Methoxychlor	ND	0.15	15	"							
Mirex	ND	0.54	10	"							
Toxaphene	ND	2.6	20	"							
LCS (CU08110-BS1)					Prepared: 11/07/11 Analyzed: 11/08/11						
Surrogate: Tetrachloro-meta-xylene	*4.65*			*µg/kg*	*8.33*		*56*	*46-139*			
Surrogate: Decachlorobiphenyl	*6.35*			*"*	*8.33*		*76*	*52-141*			
Aldrin	12.1	0.13	1.0	"	16.7		73	47-132			
gamma-BHC (Lindane)	11.8	0.70	10	"	16.7		71	56-133			
4,4´-DDT	10.2	0.12	15	"	16.7		61	46-137			J
Dieldrin	13.3	0.19	1.0	"	16.7		80	44-143			
Endrin	12.9	0.092	15	"	16.7		78	30-147			J
Heptachlor	10.9	0.11	5.0	"	16.7		66	33-148			

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A - Quality Control

CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CU08110 - LUFT-DHS GCNV											
LCS Dup (CU08110-BSD1)					Prepared: 11/07/11 Analyzed: 11/08/11						
Surrogate: Tetrachloro-meta-xylene	*6.54*			*µg/kg*	*8.33*		*78*	*46-139*			
Surrogate: Decachlorobiphenyl	*7.52*			*"*	*8.33*		*90*	*52-141*			
Aldrin	12.7	0.13	1.0	"	16.7		76	47-132	4	30	
gamma-BHC (Lindane)	12.4	0.70	10	"	16.7		74	56-133	5	30	
4,4´-DDT	10.9	0.12	15	"	16.7		65	46-137	6	30	J
Dieldrin	13.5	0.19	1.0	"	16.7		81	44-143	2	30	
Endrin	13.1	0.092	15	"	16.7		78	30-147	0.8	30	J
Heptachlor	11.6	0.11	5.0	"	16.7		70	33-148	6	30	
Matrix Spike (CU08110-MS1)		**Source: CUK0234-42**			Prepared: 11/07/11 Analyzed: 11/08/11						
Surrogate: Tetrachloro-meta-xylene	*16.2*			*µg/kg*	*20.8*		*78*	*46-139*			
Surrogate: Decachlorobiphenyl	*18.1*			*"*	*20.8*		*87*	*52-141*			
Aldrin	14.5	1.3	10	"	16.7	ND	87	47-138			
gamma-BHC (Lindane)	13.6	7.0	100	"	16.7	ND	82	38-144			J
4,4´-DDT	83.4	1.2	150	"	16.7	70.3	78	41-157			J
Dieldrin	97.6	1.9	10	"	16.7	77.7	119	46-155			
Endrin	21.3	0.92	150	"	16.7	ND	128	34-149			J
Heptachlor	13.3	1.1	50	"	16.7	ND	80	36-155			J
Matrix Spike Dup (CU08110-MSD1)		**Source: CUK0234-42**			Prepared: 11/07/11 Analyzed: 11/08/11						
Surrogate: Tetrachloro-meta-xylene	*15.7*			*µg/kg*	*20.8*		*75*	*46-139*			
Surrogate: Decachlorobiphenyl	*16.0*			*"*	*20.8*		*77*	*52-141*			
Aldrin	14.3	1.3	10	"	16.7	ND	86	47-138	2	35	
gamma-BHC (Lindane)	12.9	7.0	100	"	16.7	ND	77	38-144	6	35	J
4,4´-DDT	82.1	1.2	150	"	16.7	70.3	71	41-157	2	35	J
Dieldrin	99.4	1.9	10	"	16.7	77.7	130	46-155	2	35	
Endrin	21.6	0.92	150	"	16.7	ND	130	34-149	1	35	J
Heptachlor	12.9	1.1	50	"	16.7	ND	77	36-155	3	35	J

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A - Quality Control

CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CU08111 - LUFT-DHS GCNV											
Blank (CU08111-BLK1)					Prepared: 11/07/11 Analyzed: 11/09/11						
Surrogate: Tetrachloro-meta-xylene	*5.66*			*µg/kg*	*8.33*		*68*	*46-139*			
Surrogate: Decachlorobiphenyl	*7.20*			*"*	*8.33*		*86*	*52-141*			
Aldrin	ND	0.13	1.0	"							
alpha-BHC	ND	0.00061	2.0	"							
beta-BHC	ND	0.12	10	"							
delta-BHC	ND	0.12	10	"							
gamma-BHC (Lindane)	ND	0.70	10	"							
Chlordane-technical	ND	1.0	20	"							
4,4´-DDD	ND	0.24	15	"							
4,4´-DDE	ND	0.22	15	"							
4,4´-DDT	ND	0.12	15	"							
Dieldrin	ND	0.19	1.0	"							
Endosulfan I	ND	0.13	15	"							
Endosulfan II	ND	0.15	15	"							
Endosulfan sulfate	ND	0.13	15	"							
Endrin	ND	0.092	15	"							
Endrin aldehyde	ND	0.13	15	"							
Heptachlor	ND	0.11	5.0	"							
Heptachlor epoxide	ND	0.13	2.0	"							
Methoxychlor	ND	0.15	15	"							
Mirex	ND	0.54	10	"							
Toxaphene	ND	2.6	20	"							
LCS (CU08111-BS1)					Prepared: 11/07/11 Analyzed: 11/09/11						
Surrogate: Tetrachloro-meta-xylene	*4.10*			*µg/kg*	*8.33*		*49*	*46-139*			
Surrogate: Decachlorobiphenyl	*6.49*			*"*	*8.33*		*78*	*52-141*			
Aldrin	9.44	0.13	1.0	"	16.7		57	47-132			
gamma-BHC (Lindane)	9.58	0.70	10	"	16.7		57	56-133			J
4,4´-DDT	11.3	0.12	15	"	16.7		68	46-137			J
Dieldrin	11.4	0.19	1.0	"	16.7		69	44-143			
Endrin	11.1	0.092	15	"	16.7		67	30-147			J
Heptachlor	9.11	0.11	5.0	"	16.7		55	33-148			

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A - Quality Control

CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CU08111 - LUFT-DHS GCNV											
LCS Dup (CU08111-BSD1)					Prepared: 11/07/11 Analyzed: 11/09/11						
Surrogate: Tetrachloro-meta-xylene	*4.85*			*µg/kg*	*8.33*		*58*	*46-139*			
Surrogate: Decachlorobiphenyl	*6.76*			*"*	*8.33*		*81*	*52-141*			
Aldrin	11.2	0.13	1.0	"	16.7		67	47-132	17	30	
gamma-BHC (Lindane)	11.4	0.70	10	"	16.7		68	56-133	17	30	
4,4´-DDT	12.7	0.12	15	"	16.7		76	46-137	11	30	J
Dieldrin	12.6	0.19	1.0	"	16.7		76	44-143	10	30	
Endrin	12.3	0.092	15	"	16.7		74	30-147	10	30	J
Heptachlor	10.9	0.11	5.0	"	16.7		65	33-148	18	30	
Matrix Spike (CU08111-MS1)		**Source: CUK0234-77**			Prepared: 11/07/11 Analyzed: 11/09/11						
Surrogate: Tetrachloro-meta-xylene	*14.5*			*µg/kg*	*20.8*		*70*	*46-139*			
Surrogate: Decachlorobiphenyl	*17.6*			*"*	*20.8*		*84*	*52-141*			
Aldrin	12.2	1.3	10	"	16.7	ND	73	47-138			
gamma-BHC (Lindane)	12.2	7.0	100	"	16.7	ND	73	38-144			J
4,4´-DDT	65.7	1.2	150	"	16.7	38.2	165	41-157			QM-5, J
Dieldrin	50.2	1.9	10	"	16.7	31.6	112	46-155			
Endrin	15.1	0.92	150	"	16.7	ND	91	34-149			J
Heptachlor	12.2	1.1	50	"	16.7	ND	73	36-155			J
Matrix Spike Dup (CU08111-MSD1)		**Source: CUK0234-77**			Prepared: 11/07/11 Analyzed: 11/09/11						
Surrogate: Tetrachloro-meta-xylene	*14.1*			*µg/kg*	*20.8*		*68*	*46-139*			
Surrogate: Decachlorobiphenyl	*16.8*			*"*	*20.8*		*81*	*52-141*			
Aldrin	11.4	1.3	10	"	16.7	ND	68	47-138	7	35	
gamma-BHC (Lindane)	11.1	7.0	100	"	16.7	ND	66	38-144	10	35	J
4,4´-DDT	53.9	1.2	150	"	16.7	38.2	95	41-157	20	35	J
Dieldrin	45.2	1.9	10	"	16.7	31.6	82	46-155	11	35	
Endrin	13.9	0.92	150	"	16.7	ND	83	34-149	8	35	J
Heptachlor	11.6	1.1	50	"	16.7	ND	69	36-155	5	35	J

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A - Quality Control

CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CU08112 - LUFT-DHS GCNV											
Blank (CU08112-BLK1)					Prepared: 11/07/11 Analyzed: 11/10/11						
Surrogate: Tetrachloro-meta-xylene	*6.68*			*µg/kg*	*8.33*		*80*	*46-139*			
Surrogate: Decachlorobiphenyl	*8.40*			*"*	*8.33*		*101*	*52-141*			
Aldrin	ND	0.13	1.0	"							
alpha-BHC	ND	0.00061	2.0	"							
beta-BHC	ND	0.12	10	"							
delta-BHC	ND	0.12	10	"							
gamma-BHC (Lindane)	ND	0.70	10	"							
Chlordane-technical	ND	1.0	20	"							
4,4´-DDD	ND	0.24	15	"							
4,4´-DDE	ND	0.22	15	"							
4,4´-DDT	ND	0.12	15	"							
Dieldrin	ND	0.19	1.0	"							
Endosulfan I	ND	0.13	15	"							
Endosulfan II	ND	0.15	15	"							
Endosulfan sulfate	ND	0.13	15	"							
Endrin	ND	0.092	15	"							
Endrin aldehyde	ND	0.13	15	"							
Heptachlor	ND	0.11	5.0	"							
Heptachlor epoxide	ND	0.13	2.0	"							
Methoxychlor	ND	0.15	15	"							
Mirex	ND	0.54	10	"							
Toxaphene	ND	2.6	20	"							
LCS (CU08112-BS1)					Prepared: 11/07/11 Analyzed: 11/10/11						
Surrogate: Tetrachloro-meta-xylene	*6.43*			*µg/kg*	*8.33*		*77*	*46-139*			
Surrogate: Decachlorobiphenyl	*7.86*			*"*	*8.33*		*94*	*52-141*			
Aldrin	11.8	0.13	1.0	"	16.7		71	47-132			
gamma-BHC (Lindane)	11.8	0.70	10	"	16.7		71	56-133			
4,4´-DDT	13.1	0.12	15	"	16.7		79	46-137			J
Dieldrin	12.9	0.19	1.0	"	16.7		77	44-143			
Endrin	12.6	0.092	15	"	16.7		75	30-147			J
Heptachlor	11.2	0.11	5.0	"	16.7		67	33-148			

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A - Quality Control

CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CU08112 - LUFT-DHS GCNV											
LCS Dup (CU08112-BSD1)					Prepared: 11/07/11 Analyzed: 11/10/11						
Surrogate: Tetrachloro-meta-xylene	*5.08*			*µg/kg*	*8.33*		*61*	*46-139*			
Surrogate: Decachlorobiphenyl	*6.29*			*"*	*8.33*		*75*	*52-141*			
Aldrin	10.3	0.13	1.0	"	16.7		62	47-132	13	30	
gamma-BHC (Lindane)	10.2	0.70	10	"	16.7		61	56-133	15	30	
4,4´-DDT	11.7	0.12	15	"	16.7		70	46-137	11	30	J
Dieldrin	11.2	0.19	1.0	"	16.7		67	44-143	14	30	
Endrin	10.9	0.092	15	"	16.7		65	30-147	14	30	J
Heptachlor	9.89	0.11	5.0	"	16.7		59	33-148	12	30	
Matrix Spike (CU08112-MS1)		**Source: CUK0234-91**			Prepared: 11/07/11 Analyzed: 11/10/11						
Surrogate: Tetrachloro-meta-xylene	*16.3*			*µg/kg*	*20.8*		*78*	*46-139*			
Surrogate: Decachlorobiphenyl	*16.7*			*"*	*20.8*		*80*	*52-141*			
Aldrin	12.6	1.3	10	"	16.7	ND	75	47-138			
gamma-BHC (Lindane)	12.2	7.0	100	"	16.7	ND	73	38-144			J
4,4´-DDT	29.0	1.2	150	"	16.7	18.5	63	41-157			J
Dieldrin	14.1	1.9	10	"	16.7	ND	85	46-155			
Endrin	12.9	0.92	150	"	16.7	ND	77	34-149			J
Heptachlor	12.8	1.1	50	"	16.7	ND	77	36-155			J
Matrix Spike Dup (CU08112-MSD1)		**Source: CUK0234-91**			Prepared: 11/07/11 Analyzed: 11/10/11						
Surrogate: Tetrachloro-meta-xylene	*16.0*			*µg/kg*	*20.8*		*77*	*46-139*			
Surrogate: Decachlorobiphenyl	*19.1*			*"*	*20.8*		*92*	*52-141*			
Aldrin	15.0	1.3	10	"	16.7	ND	90	47-138	18	35	
gamma-BHC (Lindane)	15.2	7.0	100	"	16.7	ND	91	38-144	22	35	J
4,4´-DDT	34.4	1.2	150	"	16.7	18.5	95	41-157	17	35	J
Dieldrin	17.1	1.9	10	"	16.7	ND	103	46-155	19	35	
Endrin	17.1	0.92	150	"	16.7	ND	102	34-149	28	35	J
Heptachlor	15.3	1.1	50	"	16.7	ND	92	36-155	18	35	J

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A - Quality Control

CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CU08153 - LUFT-DHS GCNV											
Blank (CU08153-BLK1)					Prepared: 11/08/11 Analyzed: 11/10/11						
Surrogate: Tetrachloro-meta-xylene	*6.27*			*µg/kg*	*8.33*		*75*	*46-139*			
Surrogate: Decachlorobiphenyl	*8.14*			*"*	*8.33*		*98*	*52-141*			
Aldrin	ND	0.13	1.0	"							
alpha-BHC	ND	0.00061	2.0	"							
beta-BHC	ND	0.12	10	"							
delta-BHC	ND	0.12	10	"							
gamma-BHC (Lindane)	ND	0.70	10	"							
Chlordane-technical	ND	1.0	20	"							
4,4´-DDD	ND	0.24	15	"							
4,4´-DDE	ND	0.22	15	"							
4,4´-DDT	ND	0.12	15	"							
Dieldrin	ND	0.19	1.0	"							
Endosulfan I	ND	0.13	15	"							
Endosulfan II	ND	0.15	15	"							
Endosulfan sulfate	ND	0.13	15	"							
Endrin	ND	0.092	15	"							
Endrin aldehyde	ND	0.13	15	"							
Heptachlor	ND	0.11	5.0	"							
Heptachlor epoxide	ND	0.13	2.0	"							
Methoxychlor	ND	0.15	15	"							
Mirex	ND	0.54	10	"							
Toxaphene	ND	2.6	20	"							
LCS (CU08153-BS1)					Prepared: 11/08/11 Analyzed: 11/10/11						
Surrogate: Tetrachloro-meta-xylene	*5.93*			*µg/kg*	*8.33*		*71*	*46-139*			
Surrogate: Decachlorobiphenyl	*7.03*			*"*	*8.33*		*84*	*52-141*			
Aldrin	11.6	0.13	1.0	"	16.7		69	47-132			
gamma-BHC (Lindane)	11.4	0.70	10	"	16.7		68	56-133			
4,4´-DDT	12.0	0.12	15	"	16.7		72	46-137			J
Dieldrin	12.4	0.19	1.0	"	16.7		74	44-143			
Endrin	11.7	0.092	15	"	16.7		70	30-147			J
Heptachlor	10.4	0.11	5.0	"	16.7		62	33-148			

CALIFORNIA LABORATORY SERVICES

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Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Organochlorine Pesticides by EPA Method 8081A - Quality Control

CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CU08153 - LUFT-DHS GCNV											
LCS Dup (CU08153-BSD1)					Prepared: 11/08/11 Analyzed: 11/10/11						
Surrogate: Tetrachloro-meta-xylene	*5.89*			*µg/kg*	*8.33*		*71*	*46-139*			
Surrogate: Decachlorobiphenyl	*7.68*			*"*	*8.33*		*92*	*52-141*			
Aldrin	11.7	0.13	1.0	"	16.7		70	47-132	1	30	
gamma-BHC (Lindane)	11.8	0.70	10	"	16.7		71	56-133	3	30	
4,4´-DDT	13.2	0.12	15	"	16.7		79	46-137	9	30	J
Dieldrin	13.1	0.19	1.0	"	16.7		79	44-143	6	30	
Endrin	12.7	0.092	15	"	16.7		76	30-147	9	30	J
Heptachlor	11.0	0.11	5.0	"	16.7		66	33-148	5	30	
Matrix Spike (CU08153-MS1)		**Source: CUK0234-66**			Prepared: 11/08/11 Analyzed: 11/10/11						
Surrogate: Tetrachloro-meta-xylene	*18.2*			*µg/kg*	*20.8*		*87*	*46-139*			
Surrogate: Decachlorobiphenyl	*19.6*			*"*	*20.8*		*94*	*52-141*			
Aldrin	13.2	1.3	10	"	16.7	ND	79	47-138			
gamma-BHC (Lindane)	13.6	7.0	100	"	16.7	ND	81	38-144			J
4,4´-DDT	16.2	1.2	150	"	16.7	ND	97	41-157			J
Dieldrin	13.8	1.9	10	"	16.7	ND	83	46-155			
Endrin	16.4	0.92	150	"	16.7	ND	98	34-149			J
Heptachlor	13.2	1.1	50	"	16.7	ND	79	36-155			J
Matrix Spike Dup (CU08153-MSD1)		**Source: CUK0234-66**			Prepared: 11/08/11 Analyzed: 11/10/11						
Surrogate: Tetrachloro-meta-xylene	*18.0*			*µg/kg*	*20.8*		*86*	*46-139*			
Surrogate: Decachlorobiphenyl	*20.1*			*"*	*20.8*		*97*	*52-141*			
Aldrin	12.6	1.3	10	"	16.7	ND	76	47-138	5	35	
gamma-BHC (Lindane)	12.6	7.0	100	"	16.7	ND	76	38-144	7	35	J
4,4´-DDT	14.5	1.2	150	"	16.7	ND	87	41-157	11	35	J
Dieldrin	12.4	1.9	10	"	16.7	ND	75	46-155	10	35	
Endrin	14.4	0.92	150	"	16.7	ND	86	34-149	13	35	J
Heptachlor	12.7	1.1	50	"	16.7	ND	76	36-155	4	35	J

CALIFORNIA LABORATORY SERVICES

11/15/11 13:56

Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

Notes and Definitions

QR-1	The RPD value for the sample duplicate or MS/MSD was outside of the QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery.
QM-7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
QM-5	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
Pest2	The percent breakdown of DDT/Endrin in the ending QC standard was outside the method criteria. Applicable analyte results for this sample were ND; therefore, a re-analysis was not performed.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

CALIFORNIA LABORATORY SERVICES

11/15/11 13:56

Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

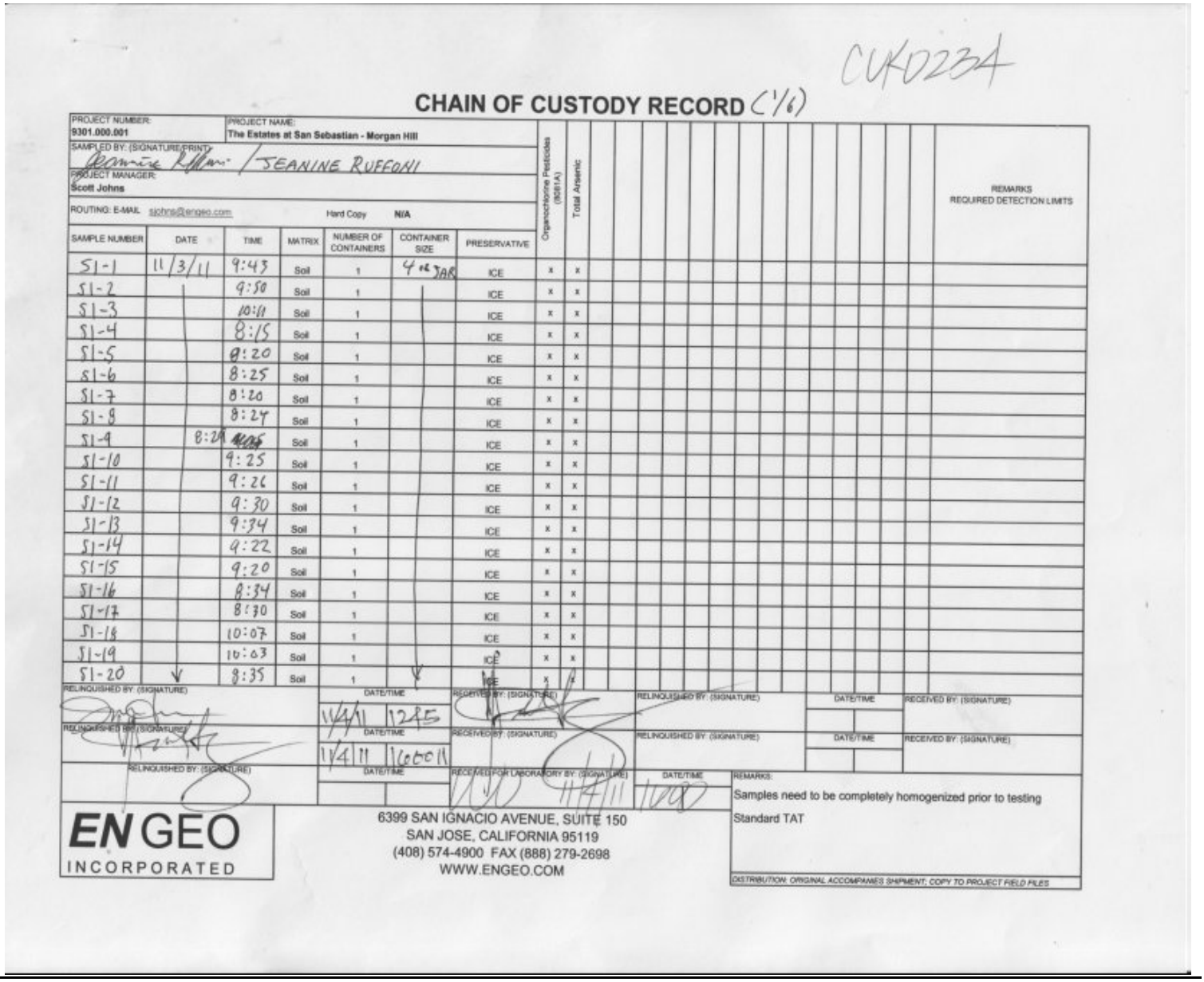
MDL REPORT

This is a “MDL Report”, thus if the report denotes an “ND” for a particular analyte, it should be noted that the analyte was not detected at or above the MDL.

CALIFORNIA LABORATORY SERVICES

11/15/11 13:56

Engeo-San Jose 6399 San Ignacio Ave, Suite 150 San Jose CA, 95119	Project: The Estates @ San Sebastian Project Number: 9301.000.001 Project Manager: Scott Johns	**CLS Work Order #: CUK0234** COC #:



CUK0234

CHAIN OF CUSTODY RECORD (1/6)

PROJECT NUMBER: 9301.000.001
PROJECT NAME: The Estates at San Sebastian - Morgan Hill
SAMPLED BY: (SIGNATURE/PRINT): Dominic Ruffoni / JEANINE RUFFONI
PROJECT MANAGER: Scott Johns
ROUTING: E-MAIL: sjohns@engeo.com Hard Copy N/A

SAMPLE NUMBER	DATE	TIME	MATRIX	NUMBER OF CONTAINERS	CONTAINER SIZE	PRESERVATIVE	Organochlorine Pesticides (8081A)	Total Arsenic	REMARKS REQUIRED DETECTION LIMITS
S1-1	11/3/11	9:43	Soil	1	4 oz JAR	ICE	x	x	
S1-2		9:50	Soil	1		ICE	x	x	
S1-3		10:11	Soil	1		ICE	x	x	
S1-4		8:15	Soil	1		ICE	x	x	
S1-5		8:20	Soil	1		ICE	x	x	
S1-6		8:25	Soil	1		ICE	x	x	
S1-7		8:20	Soil	1		ICE	x	x	
S1-8		8:24	Soil	1		ICE	x	x	
S1-9		8:28	Soil	1		ICE	x	x	
S1-10		9:25	Soil	1		ICE	x	x	
S1-11		9:26	Soil	1		ICE	x	x	
S1-12		9:30	Soil	1		ICE	x	x	
S1-13		9:34	Soil	1		ICE	x	x	
S1-14		9:22	Soil	1		ICE	x	x	
S1-15		9:20	Soil	1		ICE	x	x	
S1-16		8:34	Soil	1		ICE	x	x	
S1-17		8:30	Soil	1		ICE	x	x	
S1-18		10:07	Soil	1		ICE	x	x	
S1-19		10:03	Soil	1		ICE	x	x	
S1-20		8:35	Soil	1		ICE	x	x	

RELINQUISHED BY: (SIGNATURE) DATE/TIME 11/4/11 1225 RECEIVED BY: (SIGNATURE)
RELINQUISHED BY: (SIGNATURE) DATE/TIME 11/4/11 1600 RECEIVED BY: (SIGNATURE)
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REMARKS:
Samples need to be completely homogenized prior to testing
Standard TAT

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11/15/11 13:56

Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	

CHAIN OF CUSTODY RECORD (2/6) CUK0234

PROJECT NUMBER: 9301.000.001
PROJECT NAME: The Estates at San Sebastian - Morgan Hill
SAMPLED BY: (SIGNATURE/PRINT) Jeanine Ruffoni / JEANINE RUFFONI
PROJECT MANAGER: Scott Johns
ROUTING: E-MAIL sjohns@engeo.com Hard Copy N/A

SAMPLE NUMBER	DATE	TIME	MATRIX	NUMBER OF CONTAINERS	CONTAINER SIZE	PRESERVATIVE	Organochlorine Pesticides (8081A)	Total Arsenic	REMARKS REQUIRED DETECTION LIMITS
S1-21	11/3/11	8:39	Soil	1	4oz JAR	ICE	x	x	
S1-22		9:20	Soil	1		ICE	x	x	
S1-23		9:19	Soil	1		ICE	x	x	
S1-24		9:16	Soil	1		ICE	x	x	
S1-25		9:39	Soil	1		ICE	x	x	
S1-26		9:14	Soil	1		ICE	x	x	
S1-27		9:15	Soil	1		ICE	x	x	
S1-28	11/4/11	9:04	Soil	1	6"x5"	ICE	x	x	
S1-29	11/3/11	8:40	Soil	1	4oz JAR	ICE	x	x	
S1-30		9:56	Soil	1		ICE	x	x	
S1-31		8:45	Soil	1		ICE	x	x	
S1-32		8:48	Soil	1		ICE	x	x	
S1-33		9:10	Soil	1		ICE	x	x	
S1-34		9:11	Soil	1		ICE	x	x	
S1-35		9:42	Soil	1		ICE	x	x	
S1-36		9:45	Soil	1		ICE	x	x	
S1-37		9:08	Soil	1		ICE	x	x	
S1-38		9:05	Soil	1		ICE	x	x	
S1-39		8:57	Soil	1		ICE	x	x	
S1-40		8:50	Soil	1		ICE	x	x	

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)
	11/4/11 1245				
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)
	11/4/11 1600				
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE/TIME	REMARKS:	
			11/4/11 1600	Samples need to be completely homogenized prior to testing Standard TAT	

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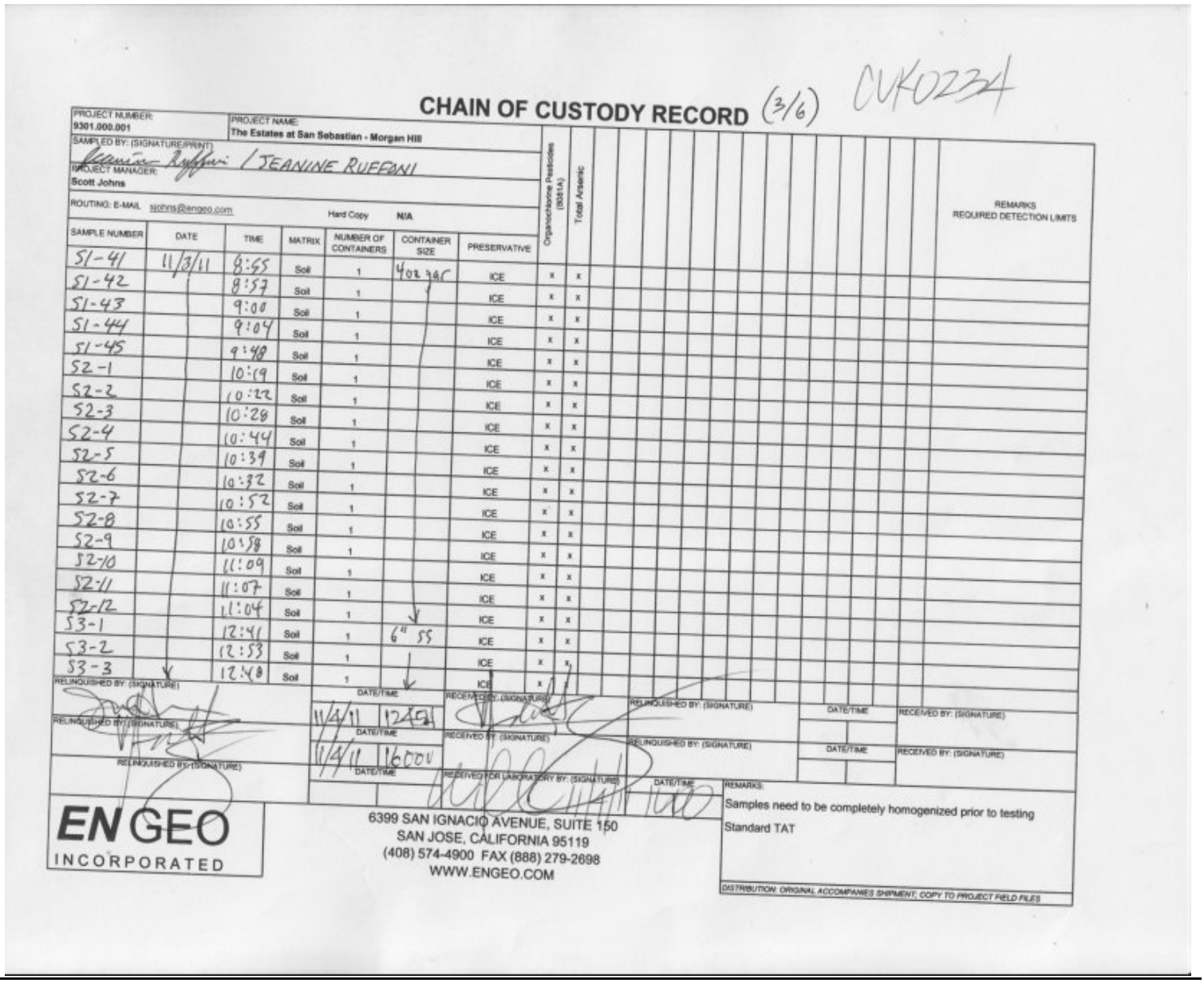
Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	



CHAIN OF CUSTODY RECORD (3/6) CUK0234

PROJECT NUMBER: 9301.000.001
PROJECT NAME: The Estates at San Sebastian - Morgan Hill
SAMPLED BY: (SIGNATURE/PRINT) JEANINE RUFFONI
PROJECT MANAGER: Scott Johns
ROUTING: E-MAIL sjohns@engeo.com Hard Copy N/A

SAMPLE NUMBER	DATE	TIME	MATRIX	NUMBER OF CONTAINERS	CONTAINER SIZE	PRESERVATIVE	Organochlorine Pesticides (8081A)	Total Arsenic	REMARKS REQUIRED DETECTION LIMITS
S1-41	11/3/11	8:55	Soil	1	4oz jar	ICE	x	x	
S1-42		8:57	Soil	1		ICE	x	x	
S1-43		9:00	Soil	1		ICE	x	x	
S1-44		9:04	Soil	1		ICE	x	x	
S1-45		9:48	Soil	1		ICE	x	x	
S2-1		10:19	Soil	1		ICE	x	x	
S2-2		10:22	Soil	1		ICE	x	x	
S2-3		10:28	Soil	1		ICE	x	x	
S2-4		10:44	Soil	1		ICE	x	x	
S2-5		10:39	Soil	1		ICE	x	x	
S2-6		10:32	Soil	1		ICE	x	x	
S2-7		10:52	Soil	1		ICE	x	x	
S2-8		10:55	Soil	1		ICE	x	x	
S2-9		10:58	Soil	1		ICE	x	x	
S2-10		11:09	Soil	1		ICE	x	x	
S2-11		11:07	Soil	1		ICE	x	x	
S2-12		11:04	Soil	1		ICE	x	x	
S3-1		12:41	Soil	1	6" ss	ICE	x	x	
S3-2		12:53	Soil	1		ICE	x	x	
S3-3		12:48	Soil	1		ICE	x	x	

RELINQUISHED BY: (SIGNATURE) DATE/TIME 11/4/11 1245
RECEIVED BY: (SIGNATURE)
RELINQUISHED BY: (SIGNATURE) DATE/TIME 11/4/11 1600
RECEIVED BY: (SIGNATURE)
RELINQUISHED BY: (SIGNATURE) DATE/TIME
RECEIVED FOR LABORATORY BY: (SIGNATURE) DATE/TIME 1100

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REMARKS:
Samples need to be completely homogenized prior to testing
Standard TAT

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11/15/11 13:56

Engeo-San Jose
6399 San Ignacio Ave, Suite 150
San Jose CA, 95119

Project: The Estates @ San Sebastian
Project Number: 9301.000.001
Project Manager: Scott Johns

CLS Work Order #: CUK0234
COC #:

CHAIN OF CUSTODY RECORD (4/6) CUK0234

PROJECT NUMBER: 9301.000.001
PROJECT NAME: The Estates at San Sebastian - Morgan Hill
SAMPLED BY: (SIGNATURE/PRINT) Jeanine Ruffoni / JEANINE RUFFONI
PROJECT MANAGER: Scott Johns
ROUTING: E-MAIL sjohns@engeo.com Hard Copy N/A

SAMPLE NUMBER	DATE	TIME	MATRIX	NUMBER OF CONTAINERS	CONTAINER SIZE	PRESERVATIVE	Organochlorine Pesticides (8081A)	Total Arsenic	REMARKS REQUIRED DETECTION LIMITS
S3-4	11/3/11	1:01	Soil	1	6"SS	ICE	x	x	
S3-5		1:07	Soil	1		ICE	x	x	
S3-6		13:10	Soil	1		ICE	x	x	
S3-7		12:44	Soil	1		ICE	x	x	
S3-8		12:50	Soil	1		ICE	x	x	
S3-9		12:56	Soil	1		ICE	x	x	
S3-10		13:02	Soil	1		ICE	x	x	
S4-1		11:22	Soil	1	4oz JAR	ICE	x	x	
S4-2		11:25	Soil	1		ICE	x	x	
S4-3		10:28	Soil	1		ICE	x	x	
S4-4		11:31	Soil	1		ICE	x	x	
S4-5		11:40	Soil	1		ICE	x	x	
S4-6		11:43	Soil	1		ICE	x	x	
S4-7		11:50	Soil	1		ICE	x	x	
S4-8		11:54	Soil	1		ICE	x	x	
S4-9		11:57	Soil	1		ICE	x	x	
S4-10		12:00	Soil	1	6"SS	ICE	x	x	
S4-11		12:04	Soil	1		ICE	x	x	
S4-12		12:09	Soil	1		ICE	x	x	
S4-13		11:47	Soil	1		ICE	x	x	

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RELINQUISHED BY: (SIGNATURE) DATE/TIME 11/4/11 1600h RECEIVED BY: (SIGNATURE)
RELINQUISHED BY: (SIGNATURE) DATE/TIME RECEIVED FOR LABORATORY BY: (SIGNATURE) DATE/TIME 11/4/11

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REMARKS:
Samples need to be completely homogenized prior to testing
Standard TAT

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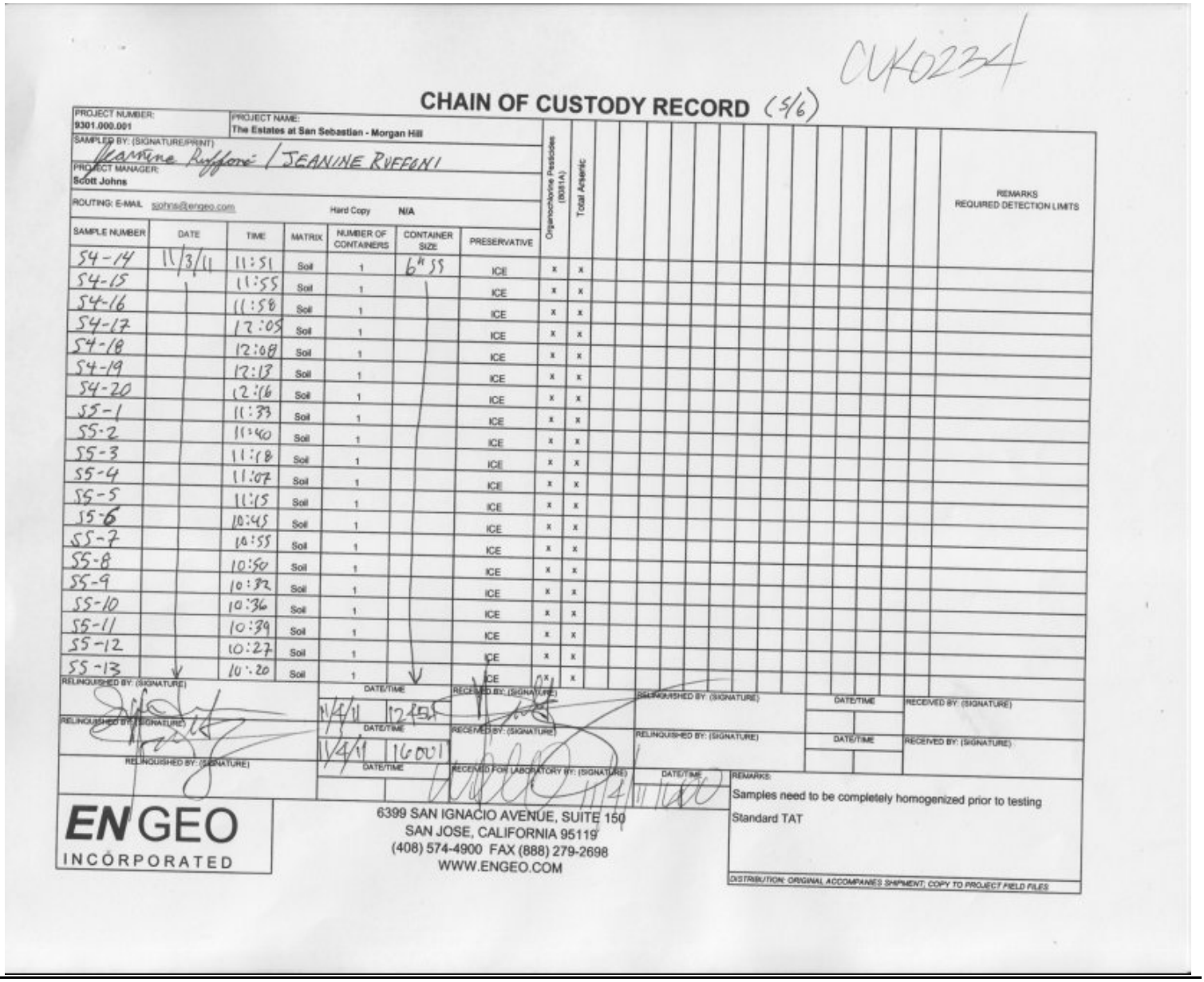
Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	



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CHAIN OF CUSTODY RECORD (5/6)

PROJECT NUMBER: 9301.000.001
PROJECT NAME: The Estates at San Sebastian - Morgan Hill
SAMPLED BY: (SIGNATURE/PRINT) Jeanine Ruffoni / JEANINE RUFFONI
PROJECT MANAGER: Scott Johns
ROUTING: E-MAIL sjohns@engeo.com Hard Copy N/A

SAMPLE NUMBER	DATE	TIME	MATRIX	NUMBER OF CONTAINERS	CONTAINER SIZE	PRESERVATIVE	Organochlorine Pesticides (8081A)	Total Arsenic	REMARKS REQUIRED DETECTION LIMITS
S4-14	11/3/11	11:51	Soil	1	6" SS	ICE	x	x	
S4-15		11:55	Soil	1		ICE	x	x	
S4-16		11:58	Soil	1		ICE	x	x	
S4-17		12:05	Soil	1		ICE	x	x	
S4-18		12:08	Soil	1		ICE	x	x	
S4-19		12:13	Soil	1		ICE	x	x	
S4-20		12:16	Soil	1		ICE	x	x	
S5-1		11:33	Soil	1		ICE	x	x	
S5-2		11:40	Soil	1		ICE	x	x	
S5-3		11:18	Soil	1		ICE	x	x	
S5-4		11:07	Soil	1		ICE	x	x	
S5-5		11:15	Soil	1		ICE	x	x	
S5-6		10:45	Soil	1		ICE	x	x	
S5-7		10:55	Soil	1		ICE	x	x	
S5-8		10:50	Soil	1		ICE	x	x	
S5-9		10:32	Soil	1		ICE	x	x	
S5-10		10:36	Soil	1		ICE	x	x	
S5-11		10:39	Soil	1		ICE	x	x	
S5-12		10:27	Soil	1		ICE	x	x	
S5-13		10:20	Soil	1		ICE	x	x	

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)
RELINQUISHED BY: (SIGNATURE)	11/4/11 12:25	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)
RELINQUISHED BY: (SIGNATURE)	11/4/11 16001	RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE/TIME	REMARKS: Samples need to be completely homogenized prior to testing Standard TAT	

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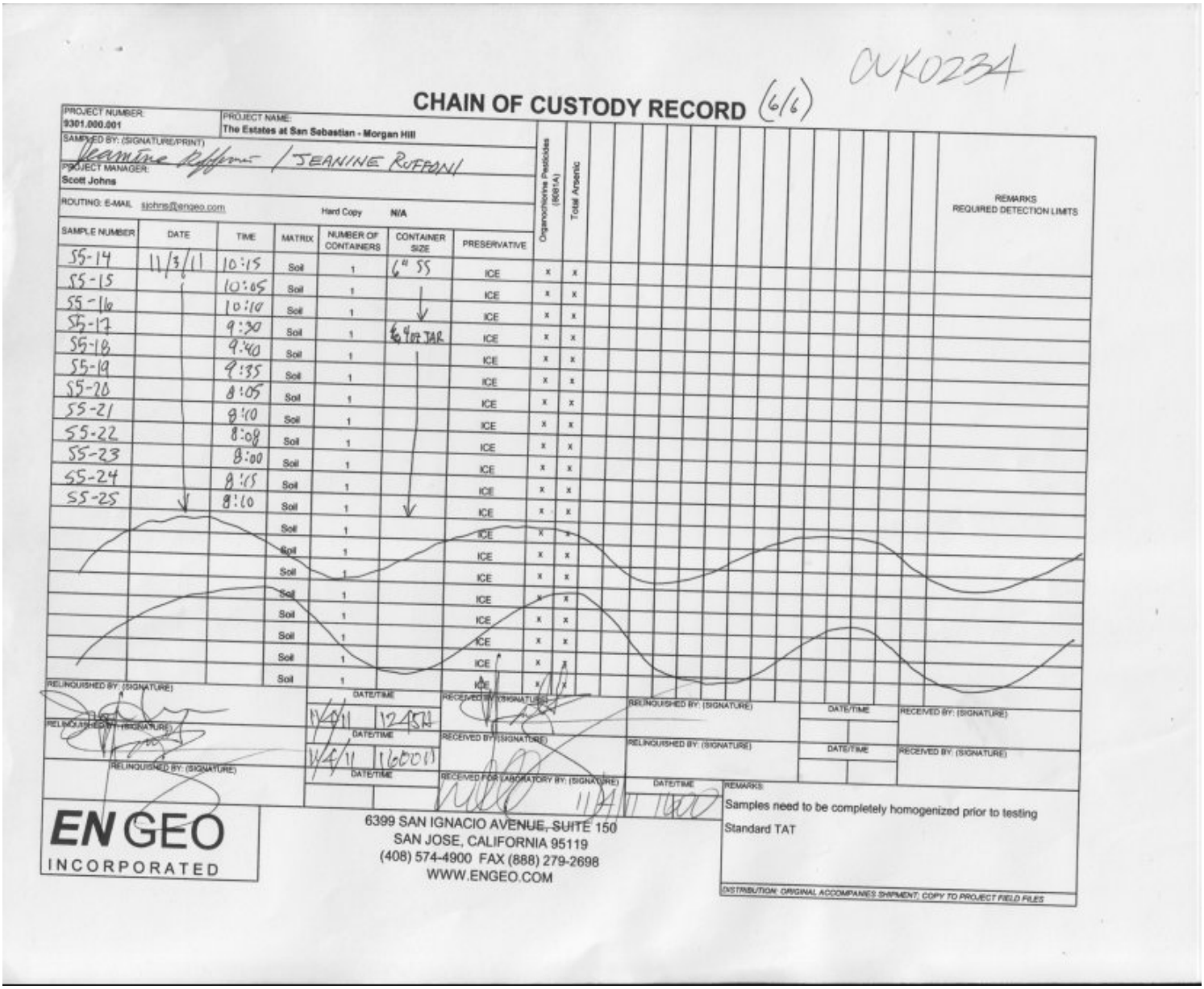
Engeo-San Jose	Project: The Estates @ San Sebastian	**CLS Work Order #: CUK0234**
6399 San Ignacio Ave, Suite 150	Project Number: 9301.000.001	COC #:
San Jose CA, 95119	Project Manager: Scott Johns	



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CHAIN OF CUSTODY RECORD (6/6)

PROJECT NUMBER: 9301.000.001
PROJECT NAME: The Estates at San Sebastian - Morgan Hill
SAMPLED BY: (SIGNATURE/PRINT) Jeanine Ruffani / JEANINE RUFFANI
PROJECT MANAGER: Scott Johns
ROUTING: E-MAIL sjohns@engeo.com Hard Copy N/A

SAMPLE NUMBER	DATE	TIME	MATRIX	NUMBER OF CONTAINERS	CONTAINER SIZE	PRESERVATIVE	Organochlorine Pesticides (8081A)	Total Arsenic	REMARKS REQUIRED DETECTION LIMITS
SS-14	11/3/11	10:15	Soil	1	6" SS	ICE	x	x	
SS-15		10:05	Soil	1		ICE	x	x	
SS-16		10:10	Soil	1		ICE	x	x	
SS-17		9:30	Soil	1	6 oz JAR	ICE	x	x	
SS-18		9:40	Soil	1		ICE	x	x	
SS-19		9:35	Soil	1		ICE	x	x	
SS-20		8:05	Soil	1		ICE	x	x	
SS-21		8:10	Soil	1		ICE	x	x	
SS-22		8:08	Soil	1		ICE	x	x	
SS-23		8:00	Soil	1		ICE	x	x	
SS-24		8:15	Soil	1		ICE	x	x	
SS-25		8:10	Soil	1		ICE	x	x	
			Soil	1		ICE	x	x	
			Soil	1		ICE	x	x	
			Soil	1		ICE	x	x	
			Soil	1		ICE	x	x	
			Soil	1		ICE	x	x	
			Soil	1		ICE	x	x	
			Soil	1		ICE	x	x	
			Soil	1		ICE	x	x	
			Soil	1		ICE	x	x	

RELINQUISHED BY: (SIGNATURE) DATE/TIME 11/4/11 1245
RELINQUISHED BY: (SIGNATURE) DATE/TIME 11/4/11 1600
RELINQUISHED BY: (SIGNATURE) DATE/TIME
RECEIVED BY: (SIGNATURE)
RECEIVED BY: (SIGNATURE)
RECEIVED FOR LABORATORY BY: (SIGNATURE) DATE/TIME 11/4/11 1600
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RELINQUISHED BY: (SIGNATURE) DATE/TIME RECEIVED BY: (SIGNATURE)

REMARKS:
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Standard TAT

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