

# Appendix H

## **Hazardous Materials Assessments**



H-1 Phase I and Phase II  
Environmental Site  
Assessments

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Phase I and Phase II  
Environmental Site  
Assessments  
**MADERA – HERMAN  
PARCELS**

SES Project No. 067

Prepared for:

**Wellington Corporation of Northern  
California**

February 23, 2007



**PHASE I AND PHASE II  
ENVIRONMENTAL SITE ASSESSMENTS**

**Madera-Herman Parcels**

Madera, California

Prepared for:

Wellington Corporation of Northern California  
Morgan Hill, California

Prepared by:

Strategic Engineering and Science, Inc.  
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February 23, 2007

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## EXECUTIVE SUMMARY

Wellington Corporation of Northern California retained Strategic Engineering and Science, Inc. to perform a Phase I environmental site assessment (ESA) of the Madera-Herman parcels (Site), located at along Road 27 in Madera, California. The Site consists of approximately 800 acres of land located in the San Joaquin Valley near the northern end of the City of Madera, in Madera County.

The purpose of the Phase I ESA was to identify recognized environmental conditions associated with the property as defined by ASTM E 1527-05, Standard Practice for Environmental Site Assessments. This assessment identified a low to moderate potential for adverse environmental conditions associated with previous and current uses of the Site that could affect the contemplated residential reuse of the property.

The Site appeared to be undeveloped land prior to apparent cultivation with row crops in the mid- to late-1970s, and a shop building was present by 1981. Orchards first appeared present on-Site as early as 1996. The Site currently is cultivated with fig and almond orchards, with a vehicle and equipment maintenance shop also present; the current property owners reportedly have operated the Site since 1996 and have owned the land since 2003. Standard agricultural practices likely included application of agricultural chemicals to the Site. Soil sampling was performed across the farmed areas of the Site and no elevated concentrations of residual pesticides or pesticide-related metals were identified.

Agricultural chemicals used by the current Site owners reportedly are stored off-Site. Fertilizers and herbicides reportedly are mixed at the wellheads and in application trailers in the orchards at random locations prior to application. Soil sampling was performed at the wellheads for indications of spillage during mixing operations, but no elevated concentrations of pesticides or pesticide-related metals were identified. The four wells at the site are also diesel powered, and relatively small areas of soil staining from petroleum hydrocarbons in these areas were observed. Borings and soil sampling was performed to evaluate the vertical extent of affected soils. None of the deeper samples had elevated concentrations of petroleum hydrocarbons.

Hazardous materials storage was observed inside a shop building but on a concrete slab, which is protective as a barrier to small leaks and spills. Above ground fuel and lubrication storage tanks were present outside the shop building and some soil staining was observed. Soil borings and deeper sampling was performed to evaluate the vertical extent of affected soil, but deeper contamination was not present.

An earlier shop building was present in the general vicinity of the current shop building. Many areas with historic structures are found to have residual metals and/or pesticides present in soil around the location of the perimeter of the historic structure, attributable to application of pesticide application and the flaking of lead-based paint. Soil sampling was performed in this area and residual contamination was not identified.

Two USTs historically were located near the east side of the former shop building. The two USTs, reportedly installed in 1984, removed in May 1989, and low concentrations of gasoline-range hydrocarbons, toluene, ethylbenzene, and xylenes reportedly were detected in verification soil samples collected from the base of the excavation. Impacted soil from the top, base, and sidewalls of the excavation reportedly was removed and aerated on-site. Following aeration of the soil for several months, hydrocarbon concentrations appeared to have diminished and the case was reported closed in October 1989. The aerated soil may have been placed back into the excavation. A soil boring was completed in the likely excavation area to evaluate the condition of the backfilled soil. Hydrocarbons were not identified in the soils obtained from this boring. No information was available regarding the compaction of backfill which may be subject to settlement over time. *The project soils engineer should be notified of this potential issue.*

Groundwater was collected and analyzed at three of the four agricultural water supply wells to evaluate the water quality for possible use to support the planned site reuse. No drinking water quality standards were exceeded, but nitrate and mercury slightly exceeded the ideal lake water quality parameters. Overall the water quality appears to be good, and the existing wells are capable of pumping at 650 to 700 gallons per minute.

In conclusion, the Phase II soil and ground water quality investigation did not identify environmental conditions that would significantly impact the planned site reuse for residential redevelopment. A small amount of hydrocarbon-affected soil was identified near several wellheads and in the shop area which did not penetrate deeply into soil. This soil can be removed with hand equipment and drummed for off site disposal. *Additional site assessment is not recommended.* Details of the investigations performed are presented in the following report.

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## **1.0 INTRODUCTION**

### **1.1 Statement Of Purpose**

Wellington Corporation of Northern California retained Strategic Engineering and Science (SES) to perform a Phase I environmental site assessment (ESA) of the Madera-Herman parcels (Site), located at generally around 17628 Road 27 in Madera, California (Assessors Parcel Numbers [APNs] 031-221-001 and 031-222-001). The purpose of the Phase I ESA was to identify recognized environmental conditions associated with the property, in accordance with the scope and limitations of the American Society of Testing and Materials (ASTM) standard E 1527-05, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." Exceptions to the ASTM E 1527-05 scope were limited to those deviations outlined in Sections 10.0 and 10.1.

Following the Phase I assessment, a Phase II investigation was performed to evaluate potential site concerns related to residual contamination from previous and current site uses.

### **1.2 Scope Of Assessment**

The Phase I ESA and Phase II investigation generally consisted of the following tasks:

- Performance of a Site reconnaissance
- Research of current and historical Site conditions
- Review of environmental databases and other information
- Review of previous site environmental data
- Interview of the Site owner and foreman
- Collection of soil samples across the site and laboratory analysis for the presence of contamination
- Completion of soil borings and collection and testing of soil samples for vertical soil characterization
- Collection and testing of groundwater samples from three of the four water wells within the Site
- Preparation of this report describing our findings, conclusions, and recommendations



## **2.0 SITE DESCRIPTION**

### **2.1 Site Location**

The Site consists of 793.45 acres of land consisting of two parcels located near the northern end of the City of Madera, in Madera County, California (Figure 1).

### **2.2 Site and Vicinity General Characteristics**

The Site is generally located in the eastern-central area of the San Joaquin Valley, and has ground surface elevations ranging from 282 to 308 feet above mean sea level which generally slope very gently towards the south. The boundaries of the Site were clearly defined on the site by fencing, railroad right-of-way, and roadway (Figure 2). The Site currently is cultivated with fig and almond orchards and one shop building and storage area, four agricultural wells and one domestic well with associated pumps, above-ground fuel storage tanks (ASTs), and various additional agriculture-related structures.

### **2.3 Site Hydrogeology**

The Site is located in the eastern portion of the central San Joaquin Valley in Madera County. Mountains of the California Coast Ranges and Sierra Nevada border the San Joaquin Valley to the west and east, respectively. Groundwater at the Site was reported to occur at a depth of approximately 170 feet, based on information available from the MCEHD file report discussed in Section 5.4.1 below. Ground water beneath the Site likely flows generally westward.

### **2.4 Current Uses and Physical Description of the Site**

On December 14, 2006, a reconnaissance of the Site was conducted by environmental engineer, Belinda P. Blackie, P.E., R.E.A. as part of the Phase I site assessment. At the time of our reconnaissance, the entire Site was cultivated with a combination of fig and almond orchards. Numerous dirt farm roads traversed between the orchards, with the main dirt road (gated at both ends) traversed the Site from west to east across the approximate middle of the site. Immediately north and south of the main dirt road, near the center of the Site, was an approximately 1.5-acre area (Figures 2 and 3) which had a shop building, two wells, and several ASTs. The portion of the uncultivated area south of the main dirt road appeared to be used for storage of farm-related equipment, as described below.

#### *Open Area South of Road*

Assorted flatbed trucks, trailers, and other farm machinery were observed parked on the soil and gravel surface of the uncultivated area south of the main dirt road. Piles of irrigation supplies and numerous fruit tree saplings in containers also were present on this portion of the site. One small fertilizer AST appeared empty.

#### *Developed Area North of Road*

An approximately 3,100-square-foot pre-fabricated steel shop building on a concrete slab foundation was present on the uncultivated area north of the main dirt road. A small office and

restroom facility were present within the shop building, as was a shop area used for maintenance of farm equipment. Typical hand tools, a drill press, automotive batteries, three cylinders of compressed welding gasses, an air compressor, a Safety-Kleen solvent sink, one overhead lift (aboveground), and a hazardous materials storage area were observed within the equipment maintenance portion of the shop. Within the hazardous materials storage area were observed three large elevated "lube cubes," three 55-gallon drums, and four smaller drums and other assorted containers of engine oil and other equipment maintenance materials. Oil-stained concrete was observed beneath the oil drums. Small quantities (1 quart to 5 gallons each) of assorted equipment maintenance materials were observed on work benches as well as on the shop floor; oil was being drained from one tractor into a floor pan at the time of our reconnaissance.

Immediately outside the south side of the shop building was a dirt parking area. Immediately outside the north side of the shop building, storage of assorted parts and machinery associated with the on-site agricultural operations were observed; several automotive batteries also were present in this area. Eighteen 55-gallon drums were present on the dirt and gravel ground surface outside the northwest corner of the shop building (Figure 3). The majority of the drums were unlabeled, but two were labeled as pump oil; several of the drums appeared to be full with light soil staining observed beneath the drums. In the same general location as the drums was observed a 1,000-gallon waste oil AST on a concrete slab within low concrete block containment. The containment contained what appeared to be water that was seeping through the bottom of the concrete blocks onto the surrounding soil.

On the far northern portion of the area north of the shop building, assorted farm machinery, chemical tank trailers, and a small propane tank trailer were observed. Small areas (up to approximately 2-feet by 2-feet) of stained soil were observed in the vicinity of the parked vehicles/equipment. One well (appearing to be for domestic supply) with an associated small pressure tank was observed north of the shop building as well (Figure 3). Northeast of the shop building was large propane AST on a concrete slab (Figure 3). East of the shop building, two empty 5,000-gallon poly fertilizer ASTs, one steel storage container (access unavailable), and two 10,000-gallon diesel ASTs were observed (Figure 3). The diesel ASTs had no secondary containment and fuel was supplied to equipment with hand pumps; some minor staining was observed around the diesel ASTs. Southeast of the shop building, immediately south of the diesel ASTs, was agricultural well Well #2 (see discussion below). West of the shop building were several parked tractors and a tent trailer, a pile of old tires, and what appeared to be a very small (approximately 1-foot by 1-foot) burn area.

#### *Orchard Areas*

The remainder of the site consisted primarily of orchards, with newly planted trees observed on the portion of the orchard south of the main road. Small stockpiles of gypsum were observed along the dirt roads within the southern portion of the orchard. An intermittent creek bed was visible on the northwestern portion of the site (Figure 2). Near the middle of the northern half of the site, an approximately 100-foot by 100-foot by 15-foot high burn pile primarily consisting of dead trees was observed. Only organic matter was observed on the burn pile. Along the northern Site boundary on the eastern side of the S was observed another similar burn pile, approximately 200-feet by 25-feet by 15-feet in dimension with a smaller adjacent 3-foot by 3-

foot burn pile. As with the first burn pile, only organic matter was observed in the piles. On the northeastern quadrant of the site was a small area where fruit packing is performed at harvest time. At the time of our reconnaissance, the area was surrounded by poles which, at packing time, would support a shade cloth.

### *Agricultural Wells*

Four agricultural wells and associated appurtenant structures were present on Site, all located along the north side of the main dirt road (Figure 2). The well pumps were labeled Wells #1 through #4. All four pumps were diesel-fueled, and had diesel ASTs in adjacent secondary containment structures.

The wellhead and piping for Well #1 were located on an approximately 10-foot by 30-foot concrete slab, as illustrated on Figure 4. The pump itself was located on elevated skids on the pad. Hydrocarbon staining was observed on the concrete slab around the wellhead as well as on the soil and gravel around the pump on both sides of the concrete slab; pooled liquid (either water or fuel) also was observed in the same area. Well #1 had an associated 5,000-gallon diesel AST within a concrete block enclosure adjacent to the wellhead. The interior of the containment area appeared wet, likely with rain water. Two 15-gallon buckets of "Pacemaker 150" lubricant were observed on the concrete slab immediately outside the enclosure, as were two empty poly fertilizer ASTs. Adjacent southwest of the pump pad was a concrete-lined drain (visibly lined at the ground surface) with a concrete lid which, according to the ranch superintendent, was just a hole in the ground where water went when the pump filters were flushed.

The wellhead, pump, and piping of Pump #2 also were located on a concrete slab of similar size to that of Pump #1, as illustrated on Figure 5. The pump itself was located on elevated skids. Oil stains were observed around the wellhead. Pump #2 also had an associated 5,000-gallon diesel AST within a concrete block enclosure adjacent to the wellhead. The containment area appeared dry and no significant staining was observed. Two empty fertilizer AST trailers were present adjacent to the pump pad.

The wellhead, pump, and piping of Pump #3 again were located on a similar but narrower (approximately 6-foot wide) concrete slab, as illustrated on Figure 6. Pump #3 appeared newer than the other well pumps. Only minor staining was observed around the wellhead on the concrete and surrounding soil. Pump #3 also had an associated 5,000-gallon diesel AST within a concrete block enclosure adjacent to the wellhead; water accumulation was observed within the containment. Several empty poly fertilizer ASTs were observed adjacent to the pump pad.

The wellhead, pump, and piping of Pump #4 (Figure 7) were located on a similar concrete slab to the other three well systems. The system was located within a fenced area labeled "pesticide storage area." According to the ranch superintendent, pesticides currently are not stored within the enclosure, but the sign remains to keep unauthorized people out. Oil stains were observed on the concrete adjacent to the pump motor and around the wellhead; oil staining also was observed on the gravel adjacent to the concrete slab. Pump #4 had an associated 3,000-gallon diesel AST within a concrete block enclosure adjacent to the wellhead. The containment area appeared to contain accumulated rain water. One 5-gallon bucket of an unlabeled petroleum product was observed on the soil surface outside the AST enclosure; the bucket had a thick oily/wet residue

on the top but significant staining of the surrounding soil was not observed. Two poly fertilizer ASTs partially full with water (reportedly previously used for fertilizer) were observed within the fenced enclosure and two empty poly ASTs were observed outside the enclosure. Two empty fertilizer AST trailers were present adjacent to the pump pad. A pinkish residue was observed on the soil adjacent to the fenced enclosure which, according to the ranch superintendent, was gypsum.

## **2.5 Current Uses of the Adjoining Properties**

Grassland/grazing land was observed north of the site, a rural residential area with interspersed, sparsely developed parcels was observed south of the site, Road 27 and a rural residential area were observed west of the site, Atchison, Topeka, and Santa Fe railroad tracks and a rural residential area were observed southwest of the site, and Road 28½, orchards, and grassland/grazing land were observed east of the site.

## **2.6 Future Use of the Site**

The future use of the Site reportedly is planned to be mixed-use, but primarily residential development.

### **3.0 USER PROVIDED INFORMATION**

The user of the Phase I ESA is Wellington Corporation of Northern California, and a user questionnaire was completed and is included in Appendix A. Their responses to the questionnaire are described below.

#### **3.1 Specific Knowledge of Site Conditions**

Wellington Corporation of Northern California did not report any specific knowledge or experience with the Site or surrounding properties relating to obvious indications that contamination of the property may be present or that hazardous materials were currently or historically present on the Site, been released on Site, or released from neighboring properties that could affect the Site. They reported as an exception to this that, to the best of their knowledge, the only chemicals and/or hazardous materials that may have been used on Site are those relating to the agricultural use of the Site.

#### **3.2 Current Or Past Owners/Tenants And Uses Of The Site**

Wellington Corporation of Northern California reported that to the best of their knowledge the Site has always been used for agricultural purposes. No comments were included about past owners or tenants.

#### **3.3 Environmental Cleanup Liens or Activity and Land Use Limitations**

Wellington Corporation of Northern California reportedly was unaware of any environmental cleanup liens filed or recorded for the Site, or of any engineering or institutional controls or land use restrictions in place at the Site, under Federal, Tribal, State, or local law.

#### **3.4 Valuation Reduction for Environmental Issues**

According to Wellington Corporation of Northern California, the purchase price for this Site reasonably reflects the fair market value of the property.

#### **4.0 PROPERTY OWNER PROVIDED INFORMATION**

The owners of the property was provided an environmental questionnaire and their completed form is included in Appendix A. We also interviewed the current site owner and site foreman, and their responses to both inquires are described below.

#### **4.1 Owner, Property Manager, and Occupant Information**

The Site is owned by Kevin L. Herman and Diane P. Herman and operated by them, currently with the company name of The Specialty Crop Company. Mr. Javier Gill is the current site foreman.

#### **4.2 Site Occupant Interview**

At the time of the Site reconnaissance, Mr. Javier Gill, the site foreman, was interviewed to obtain information on current and historic Site practices. According to Mr. Gill, approximately 340 acres of the Site are planted with figs and the remainder are planted with almonds. The majority of the irrigation for the orchards is with underground water lines and micro-jet sprayers and drip lines. Underground piping is present to transmit water from the agricultural wells to the irrigation lines.

According to Mr. Gill, agricultural chemicals applied to the Site are brought in from storage areas on other farms. These chemicals reportedly are limited to weed sprays. The chemicals are reportedly mixed in the orchards, with a water truck that follows the sprayers. Gypsum reportedly is used as a fertilizer. Other fertilizers also are used on-Site, but Mr. Gill stated that none are being used at this time of year. Portions of the orchards are organic and weed control in these areas is done by propane-fueled burning.

Mr. Gill stated that the two large burn areas in the orchards were used for burning of trimmings from the trees and downed trees only; no garbage was burned. Most of the trimmings however, reportedly were shredded and applied to the orchards as mulch, rather than burned.

Mr. Gill was unaware of the presence of any underground storage tanks (USTs) on Site and stated that only ASTs are present at this time.

#### **4.3 Site Owner Interviews**

A questionnaire was provided to Mr. Herman, which was returned and is included in Appendix A. Additional information regarding the Site also was provided by Mr. Herman by telephone interview.

In the questionnaire, Mr. Herman stated that he and his wife purchased the Site in February 2003, but have been occupants of the Site since 1996. No information was provided on the previous site owner. The Hermans use the Site for farming and have an equipment repair and maintenance shop. Figs and almonds currently are grown at the Site, and the same crops historically were grown. Mr. Herman indicated that Roundup, Goal, and Surflan currently are

applied to the Site and that no agricultural chemicals, including DDT, historically were applied. Current and historic agricultural chemical storage was reported to be off-Site and chemicals were reported to be mixed in application tanks near the agricultural wells prior to application with the ranch's spray rigs and personnel. The agricultural chemicals reportedly were applied in accordance with the manufacturer's instructions. Waste oil generated on-Site reportedly is disposed by a waste oil disposal service, and was disposed that way historically as well. Mr. Herman stated that waste from on-Site operations has not been burned or buried on the property. The shop building on the Site reportedly is not heated and historically was not heated as well. Mr. Herman stated that diesel ASTs were located at all four agricultural well locations; he was unaware of the presence of any USTs on-Site. Vehicle and farm equipment maintenance reportedly is performed in the shop building.

#### **4.4 Title Report**

The Title Report provided for the Site indicates that Haskell T. Buckley and two other descendants inherited the property from their father, Bevely Buckley, in 1976 who appears to have gained control or purchased the property in 1967. The appeared to be vacant and unused land at that time, as described in Section 6.1.1. The records from 1976 indicate that numerous farm implements were part of the inheritance confirming that the site was used for farming. The Title Report confirms that the property was purchased by the Herman's in 2003. No other information relevant to environmental conditions or uses of the site included in the Title Report. A copy of the Title Report is included in Appendix G.

#### **4.5 Environmental Liens or Activity and Use Limitations**

Mr. Kevin Herman, one of the current Site owners, stated that there were no limitations filed or recorded for the Site under Federal, Tribal, State, or local law. He was not aware of any environmental activities or cleanups associated with the Site. Furthermore, Mr. Herman reported no specialized knowledge or experience with regards to potential environmental conditions at the site or surrounding properties.

## **5.0 RECORDS REVIEW**

### **5.1 Environmental Records Database Review**

Various Federal and State regulations require that government agencies maintain records of environmental permits, records of properties generating, handling or storing hazardous materials, records of properties impacted by regulated compounds, and records of properties under investigation by the government for alleged violations of hazardous material regulations. Environmental Data Resources, Inc. (EDR), a specialized research firm, was contracted to provide an electronic search of these databases. A listing of the databases searched is provided in the EDR Radius Map report included in Appendix B.

### **5.2 Site Records**

The Site (listed as “Circle K Ranch”) was reported on the Leaking Underground Fuel Tank (LUFT) and Cortese databases. The LUFT database indicated that the case (case # 5T20000083) was for a release of diesel to soil only due to overfill of a UST historically present on-Site. The responsible party was reported to be Debenedetto Farms. The release was detected during UST closure activities when soil on the top and sides of the UST excavation was reported to be obviously contaminated. Contaminated soil reportedly was removed from the sidewalls, top, and bottom of the excavation and spread for aeration. Soil samples collected from the base of the excavation reportedly showed minimal concentrations of hydrocarbon contamination.

The map included in the EDR report depicted 230 kv power lines traversing the northeastern portion of the Site. These power lines were not observed on-Site at the time of the reconnaissance. The report also depicted a wetland area at the far northwestern corner of the Site.

### **5.3 Vicinity Facility Records**

Listings for off-Site facilities in the EDR report were reviewed for their potential to impact the Site. No vicinity facilities, including those identified as “orphan” facilities unable to be plotted due to incorrect or insufficient address information, likely to have a significant impact on the Site were identified within the search radius of each database.

### **5.4 Local Regulatory Agency Record Sources**

Strategic Engineering and Science, Inc. requested a review of available hazardous materials files and documents related to the presence or absence of past or present environmental conditions and activities on the Site from local regulatory agencies, including the Madera County Environmental Health Department (MCEHD) and the Madera County Resource Management Agency (MCRMA). The following responses were received.



## 5.5 MCEHD

One file regarding removal of two USTs from the Site was provided to us by the MCEHD. The file was limited to a report prepared by Norman Hanson and Associates, Inc., dated June 10, 1989: *Removal of Underground Tanks, Circle K Ranch, Madera, California*, and several other pages of related documentation. A copy of the report and other documents is included in Appendix C.

The UST removal documents stated that one 2,000-gallon gasoline UST and one 5,000-gallon diesel UST as well as an associated fuel island (removed with no available documentation prior to removal of the USTs) reportedly were located near the middle of the “shop building”, approximately 11 feet from the eastern wall (Figure 3). Based on an aerial photograph of the site, dated 1987, the location of the shop building appeared to be generally the same as the current location of the on-Site shop building, but the building appeared to be a different structure than the one currently present and to have an adjacent fenced enclosure. The installation date of the tanks appeared to be 1984. The USTs were removed on May 4, 1989 under the oversight of the MCEHD. Upon removal, a “trace” of hydrocarbons reportedly was observed at the fill end of the tanks (ends closest to the shop building). Following removal of the tanks, verification soil samples were collected from beneath the fill ends of the gasoline and diesel tanks, at 15 and 17 feet, respectively. Analysis of the sample from beneath the diesel UST did not detect the presence of total petroleum hydrocarbons above 10 parts per million (ppm). Analysis of the sample from beneath the gasoline UST detected 22 ppm total volatile hydrocarbons, 0.37 ppm toluene, 0.21 ppm ethylbenzene, and 2.6 ppm xylenes; benzene was not detected above 0.02 ppm.

Soil from the top, bottom, and sidewalls of the UST excavation reportedly was removed and spread on the dirt roads in the fig orchards for aeration. It was unclear from the available documentation, but following removal of the impacted soil, it did not appear that additional verification samples were collected. Analytical data for two additional soil samples appearing to be post-aeration samples from the excavated soil, dated September 1989, indicated that residual contaminant concentrations were limited to 14 ppm total petroleum hydrocarbons and 0.17 ppm toluene. A MCEHD document dated October 2, 1989 stated that aerated soil was clean and the file was closed. It was unable to be determined from the available information if the aerated soil was replaced into the excavation or disposed off-site; no details on compaction of the fill placed into the excavation were available.

## 5.6 MCRMA

A representative of the MCRMA stated that no records existed for the Site.

## 5.7 Department Of Oil and Gas Maps

Department of Oil and Gas (DOG) map W5-3 included the Site (township 11S, range 18E, section 6). No oil or gas wells or plugged/abandoned dry holes were depicted on the Site.

## **5.8 State and Federal Radon Testing Data**

Federal and State radon screening test data for the Site zip code of 93638 was in the EDR radius map report included in Appendix B. Six State and five Federal radon screening tests reportedly did not detect radon concentrations exceeding 4 picocuries per liter (pCi/l). The United States Environmental Protection Agency (EPA) has established a recommended action level for radon of 4 pCi/l. The average radon concentration reported for the first floor living area in the five Federal tests was 0.9 pCi/l.

## **5.9 Environmental Lien Search**

An environmental lien search was conducted by EDR and is included in Appendix B. The search revealed no environmental liens or other activity and use limitations.

## **5.10 State and Federal Well Data**

Federal, State, and public well location data was obtained from EDR in the radius map report included in Appendix B. No such wells were recorded on-Site.

## 6.0 HISTORICAL REVIEW

### 6.1 Topographic Maps and Aerial Photographs

A review of historical information was performed to identify past uses of the Site and adjacent properties that may pose an environmental concern. The following historical sources were reviewed.

- Aerial photographs from the years 1950, 1972, 1981, 1987, and 1998 obtained from EDR, Inc.
- USGS 7.5- and 15-minute topographic maps from the years 1920, 1961, 1981, and 1987.

Copies of the aerial photographs and topographic maps are included in Appendix D. Sanborn fire insurance map coverage was unavailable for the Site. The following observations were made from the available photos and maps.

#### 6.1.1 Site Observations

*1920:* The 1920 topographic map showed the Site to be undeveloped with several meandering creeks.

*1950:* The 1950 aerial photograph showed the Site to be undeveloped and very wet, standing water visible in numerous locations and a small stream present flowing across the northwestern corner. Small roads were visible along the Site boundaries and the railroad tracks appeared present along the southwestern property line. On the southwestern quarter of the Site was a perfectly-shaped circular outline of similar small black dots of undetermined origin.

*1961:* No development was depicted on-Site on the 1961 topographic map, but the main east-west road through the Site was depicted.

*1972:* Only the southern portion of the site was covered by the 1972 aerial photograph and the quality of the photo was very poor. The southern portion of the site appeared undeveloped.

*1981 through 1987:* On the 1981 aerial photograph, the site had been divided into what appeared to be 15 fields cultivated with row crops. Dirt roads were visible between the fields including the main east-west road. A structure in the location of the current shop building was present as well, but appeared to have a different shape than the current building. Very small, white objects were visible in the fields, appearing likely to be farming equipment. The poor quality of the 1987 photograph made detailed observations impossible, but Pump #2 appeared to be present in its current location.

Two structures were depicted in the location of the shop building on the 1987 topographic map and a creek was depicted across the far northwestern corner of the Site; the structures were not depicted on the 1981 topographic map.

*1998:* The site on the 1998 aerial photograph appeared generally similar to its current development, with the orchards and what appeared to be the current shop building present. Pump #2 and what appeared likely to be Pump #1 were visible.

*2006:* The site on the 2006 aerial photograph looked generally as described from the Site reconnaissance performed for this study.

### **6.1.2 Site Vicinity Observations**

*1920:* The Site vicinity appeared generally undeveloped at this time, with a very few structures depicted. The current railroad tracks were present, as was Road 27 and Madera Road (currently Road 28½).

*1950:* The Site vicinity appeared very similar to the Site at this time, primarily undeveloped and very wet, with visible pooled water. Small roads were present and some sparsely distributed structures were present southwest of the railroad tracks.

*1961:* The Site vicinity remained largely undeveloped, with structures depicted throughout. The Madera Air Force Station was depicted to the distant north.

*1972:* Agricultural cultivation of the entire Site vicinity to the south, southwest, and southeast of the site was apparent by 1972. Small roads and what appeared to be rural residential structures were present throughout the vicinity as well.

*1981 through 1987:* The Site vicinity on these photographs and maps appeared similar to that described on the 1972 photograph. The vicinity to the north, northwest, and northeast was not shown on the 1971 photograph and appeared to remain undeveloped.

*1998:* The Site vicinity remained generally similar to that described during the 1980s; however orchards were present to the east of the Site by 1998.

*2006:* The Site vicinity on the 2006 aerial photograph looked generally as described from the Site vicinity reconnaissance performed for this study.

## **6.2 City Directories**

A review of city directories for the Site address of 17628 Road 27, Madera was performed by EDR and the summary report is included in Appendix B. The Site address was not included in city directories dated 1965 through 1995.

## **7.0 PHASE II INVESTIGATION**

### **7.1 Soil Sampling**

#### **7.1.1 Shallow Soil Sampling**

Soil sampling was conducted between January 17 and 19, 2007. Fifteen surface samples were collected from randomly-selected locations in the agricultural areas (Figure 2); seven surface samples were collected from the shop area (Figure 3), and eight samples were collected from the areas around the agricultural wells (Figures 4 through 7). Surface samples were collected by advancing a 6-inch by 2-inch brass liner into the soil using a steel drive sampler. Recovered samples were immediately sealed and labeled, then stored in air-tight, plastic bags in a cooler on ice. Samples were stored on ice until shipped to a California-certified analytical laboratory under appropriate chain-of-custody protocol.

#### **7.1.2 Soil Borings**

Subsurface soil sampling was conducted on January 19, 2007. Eight borings were advanced at the wellhead areas, and three borings were advanced in the shop area to evaluate the vertical extent of petroleum hydrocarbons where surface soil staining was observed. A boring was also completed in the area of the former UST. Soil borings were advanced to a maximum depth of 15 feet using truck-mounted, direct push equipment. Soil sampling was completed using a 2-inch diameter core barrel with acetate liners to contain the soil cores. Soil samples were collected continuously in 4-foot intervals to the total depths drilled at each boring. Samples were collected for lithologic logging in accordance with the Unified Soil Classification System (ASTM D-2487). Selected samples for laboratory analysis were immediately sealed and labeled, then stored in air-tight, plastic bags in a cooler on ice. Samples were stored on ice until shipped to the laboratory under appropriate chain-of-custody protocol. Following completion of soil boring activities, each boring was sealed to the surface using hydrated bentonite pellets or neat cement grout.

### **7.2 Groundwater Sampling**

To evaluate the groundwater quality at the Site and its' suitability for use to possibly supply an artificial lake, groundwater samples were collected from three of the four agricultural water supply wells. The wells were first pumped at a constant rate to remove stagnant water prior to sampling. The pumps were operated for at least 1 hour before samples were collected. Several water parameters were measured with field instruments every 15 minutes of pumping to evaluate the discharge water for stagnant water. The well sampling records are included in Appendix E. There was no access into the well casing and no flow meter was attached to the discharge pipe, therefore, it was not possible to measure drawdown of the flow rate. The typical flow rate for these wells was reported by the foreman to be about 650 to 700 gallons per minute. The collected samples were stored in a chilled container during shipment to a California-certified analytical laboratory and under appropriate chain-of-custody protocol.

## 8.0 SOIL ANALYTICAL RESULTS

Analytical results are summarized in Tables 1 through 7. Laboratory analytical reports and chain-of-custody documentation are included in Appendix F.

### 8.1 Agricultural Areas

Surficial soil samples collected from the 15 farmed area sample locations (Figure 2) were analyzed for the following:

- Pesticides by EPA Method 8081A
- Arsenic and Lead by EPA Method 6010B
- Mercury by EPA Method 7471A

Analytical results for pesticides in the agricultural areas are presented in Table 1. Very low concentrations of pesticides, including DDT, DDE, Endosulfan I and Endosulfan II were detected in five of the samples. All pesticide concentrations were several orders of magnitude less than the U.S. EPA Residential Preliminary Remediation Goals (residential PRG) for soil (USEPA, 2004) and the California Human Health Screening Levels (Cal/EPA, 2005).

Low concentrations of arsenic and lead were detected in most of the soil samples (Table 2); however, lead concentrations were well below the residential PRG, CHSSL, and hazardous waste concentrations. Arsenic concentrations were generally within typical published background concentrations for soil in this general area of the San Joaquin Valley (Bradford et al, 1996) which range up to 2.1 ppm. Mercury was not detected exceeding the laboratory detection limits.

### 8.2 Shop Area

Soil samples collected from the ten shop area (Figure 3) were analyzed for a combination of the following depending on the potential concern:

- Pesticides by EPA Method 8081A
- Arsenic and Lead by EPA Method 6010B
- Mercury by EPA Method 7471A
- CAM 17 Metals
- Total Petroleum Hydrocarbons as Gasoline by EPA Method 8015
- Benzene, Toluene, Ethyl Benzene and Total Xylenes by EPA Method 8260B

Two surface samples (SS-1 and SS-2) were collected from an area with equipment and parts storage area, located north of the shop area, and analyzed for CAM 17 metals. The results are shown in Table 4 and no concentrations exceed regulatory standards except for arsenic. Arsenic concentrations were generally within typical published naturally-occurring background concentrations for soil in this general area of the San Joaquin Valley (Bradford et al, 1996) which range up to 2.1 ppm.

Three surface samples (SS-3, SS-4, and SS-5) were collected in the area of the former building that was located north and adjacent to the existing shop building, and analyzed for organochlorine pesticides, arsenic, lead, and mercury. Analytical results for pesticides in these samples are presented in Table 3, and the metals are presented in Table 4. Only one sample (SB-3 at the surface) had detectable pesticides, but at a concentration well below the residential PRGs, CHHSLs, and hazardous waste concentrations. The metals results did not exceed the regulatory standards except for arsenic, which were generally within typical published background concentrations.

Three borings were drilled to 15 feet in the shop area (SB-1, SB-2, and SB-3), as shown on Figure 3, to evaluate the vertical extent of hydrocarbon staining from three areas as follows, 1) fuel ASTs at the western portion of the shop area (SB-1); 2) backfilled soil associated with previously removed USTs near the northeast corner of the shop (SB-2), and 3) 55-gallon drums and a waste oil UST at the northwest corner of the shop (SB-3). The lab analytical results are shown in Table 5. Below the obvious surface staining in these three areas, no hydrocarbons were observed during drilling and no, or very low hydrocarbon concentrations were detected in the samples.

### **8.3 Wellhead Areas**

#### **8.3.1 Soil Sampling**

Shallow soil samples collected adjacent to the four agricultural wells (Figures 4 through 7) were analyzed for a combination of the following:

- Pesticides by EPA Method 8081A
- Arsenic and Lead by EPA Method 6010B
- Mercury by EPA Method 7471A
- Total Petroleum Hydrocarbons as Gasoline by EPA Method 8015
- Benzene, Toluene, Ethyl Benzene and Total Xylenes by EPA Method 8260B

The purpose of this sampling was to evaluate the wellhead areas for residual contamination of pesticides that may have been spilled during tank and sprayer mixing, and to evaluate the vertical extent of contamination at two of the wells where surface staining was observed. An additional sample was also collected from a drainage structure observed at Well #1 and analyzed for a variety of possible contaminants that may have been in surface water runoff from the pump area.

Analytical results for pesticides in the wellhead areas are presented in Table 6. Pesticides (DDE, DDT) were detected in surface samples only at Wells #1 and #2 but at a maximum concentration of 0.0095 mg/kg which is well below regulatory standards. No contaminants were detected in sample SS-7 collected from the drainage structure at Well #1.

Low concentrations of arsenic and lead were detected in most of the soil samples (Table 7) but did not exceed the regulatory standards except for arsenic, which were generally within typical published background concentrations.

Soil borings were completed to 15 feet at Wells #1 and 4 where hydrocarbon staining was observed to evaluate the affected soils. The surface sample collected at Well #1 had motor oil at 1,930 mg/kg which exceeds the regulatory standard of 1,000 mg/kg. No hydrocarbons were detected at 5 feet. Concentrations of diesel and motor oil were detected in the surface sample collected in the stained area at Well #4, but not exceeding the regulatory standard.

### 8.3.2 Groundwater Samples

Groundwater samples from Wells #1, #2 and #4 were analyzed for the following:

- Organochlorine Pesticides by EPA Method 8081A
- Organophosphorus Pesticides by EPA Method 3535A/8141B
- Chlorinated Herbicides by EPA Method 3510C/8151A
- General Chemistry (cations, anions, select metals) by E200.7D
- Mercury by EPA Method E245.1
- Total Petroleum Hydrocarbons as Gasoline by EPA Method 8015
- Total Petroleum Hydrocarbons as Diesel by EPA Method 8015
- Total Petroleum Hydrocarbons as Motor Oil by EPA Method 8015
- BTEX and MTBE by EPA Method 8260B
- Chlorinated VOCs by EPA Method 8260B
- Total Dissolved Solids, pH and Dissolved Oxygen
- Nitrogen, Nitrate, Nitrite, TKN by EPA Methods E300 and E351.2
- Phosphorus by EPA Method E365.1
- Ammonia by EPA Method SM4500-NH3G

Summary results are presented in Table 8 and are compared to ideal lake water quality standards provided by Pacific Advanced Civil Engineering, Inc., and to California drinking water standards. With the exception of TPH as Motor Oil, mercury, and nitrate, the groundwater analytical results were less than the two standards. TPH-MO was detected only in agricultural Well #3 at a concentration of 0.217  $\mu\text{g/L}$ . This concentration is low and does not exceed regulatory standards, and will degrade by naturally-occurring biodegradation processes. The source of the oil is likely from oil drip lubrication which is common for this type of well. Mercury was detected in all three wells that does not exceed drinking water standards, but does exceed the recommended ideal lake water quality standard. Low concentrations of nitrate, up to 1.3 mg/L, was detected in the wells which does not exceed drinking water standards, but does slightly exceeds the recommended ideal lake water quality standard of 1 mg/L.



## **9.0 CONCLUSIONS AND RECOMMENDATIONS**

Strategic Engineering and Science has performed a Phase I Environmental Site Assessment of the subject Site in Madera, APNs 031-221-001 and 031-222-001, in conformance with the scope and limitations of ASTM Practice E 1527-05. Any exceptions to, or deviations from, this practice are described in Section 10.0 and 10.1 below. Phase II soil and groundwater sampling was also performed to evaluate potential environmental concerns that could affect the planned residential use of the site. The environmental conditions in connection with property are described below.

In summary, only very limited soil contamination was identified at this site. There was only a small area of surface staining of petroleum hydrocarbons at some waste oil drums and at two fuel ASTs at the shop area of the site, and similar surface staining at two of the wells. This contamination in these areas can be removed simply with only hand tools, drummed, and off-hauled from the site.

Sampling of three of the four water supply wells revealed that the groundwater is generally of good quality and yield, and no drinking water standards were exceeded. Nitrate was slightly above the ideal lake standard in two of the wells, and mercury exceeded the recommended lake standard in two of the wells. We recommend that the Wellington have their lake specialist review the data and provide an opinion regarding the significance of these concentrations and compounds for the planned lake.

### **9.1 Site Use**

#### **9.1.1 Current**

The Site currently is cultivated with fig and almond orchards, and an equipment maintenance shop also present. Mr. and Mrs. Kevin and Diane Herman, the current property owners, reportedly have operated the Site since 1996. Four agricultural water supply wells and one domestic supply well are present on-Site, as are multiple fuel and primarily empty agricultural chemical ASTs.

#### **9.1.2 Historic**

The Site appeared to be undeveloped land prior to cultivation with row crops in the mid- to late-1970s/early 1980s. A shop building was present in the general location of the current shop building by 1981, but appeared to be a different building than the one currently present. Orchards first appeared present on-Site on the 1998 aerial photograph, but appear to have been planted as early as 1996. At least two fuel USTs historically were present on-site, and are discussed further in Section 9.2.2 below.

## **9.2 Hazardous Substance/Petroleum Product Storage and Use**

### **9.2.1 Agricultural Chemicals**

Agricultural chemicals used on-Site during operation of the orchards by the current Site owners reportedly are stored at off-Site locations. Fertilizers and herbicides reportedly are mixed in spray

tanks at the wellheads and at random locations on the dirt roads in the orchards prior to application. Two 5,000-gallon fertilizer ASTs were observed east of the shop building. Gypsum reportedly is used for soil improvement and herbicides are used reportedly include Roundup, Surflan, and Goal. Sampling of the orchard areas and at the wellheads did not identify elevated concentrations of residual pesticides or pesticide-related metals.

### **9.2.2 Petroleum Hydrocarbons/Equipment Maintenance Materials**

Diesel fuel for each of the four diesel-powered well pumps is stored in a secondarily-contained ASTs (3,000- to 5,000-gallons each) adjacent to each well. Small drums of motor oil were also present at the wellheads. Staining of the concrete slab around the wellhead and pump and on the adjacent soil was observed at Wells #1 and #4. Borings and soil sampling where staining was observed revealed that only surface soils were affected in these areas. Two 10,000-gallon diesel ASTs were observed east of the shop building and minor staining was observed around spouts/hand pumps for the tanks. The contamination did not penetrate deeply into the soils at any of these locations suggesting the lack of a large release. We recommend that the contamination in these areas be removed, which can be done with hand tools, and off-hauled from the site to a landfill for disposal. Confirmation soil samples should also be collected to confirm that soils affected by concentrations exceeding regulatory standards have been removed.

A solvent parts cleaning sink, three “lube cube” virgin oil ASTs, three 55-gallon drums of virgin oil, and four smaller drums and other assorted containers of oil and other miscellaneous equipment maintenance materials were stored within the on-Site shop building. Stained concrete was observed in the vicinity of the oil drums, but the underlying soil is protected by the concrete slab. No evidence of dumping of spent solvent or other chemicals was observed at the site, and the groundwater collected from nearby Well #2 was not contaminated.

A hazardous materials storage area was present outside the northwestern corner of the shop building. Eighteen 55-gallon drums (two labeled as pump oil, the rest unlabeled) were stored on soil and a 1,000-gallon waste oil AST was present on a concrete pad in this area. Stained soil was observed in the drum storage area and a boring was completed (SB-3) to evaluate the depth of hydrocarbons. Soil sampling revealed that only surface soils were affected in this area. We recommend that the contamination in these areas be removed and off-hauled from the site to a landfill for disposal. Confirmation soil samples should also be collected to confirm that soils affected by concentrations exceeding regulatory standards have been removed.

### **9.3 Drain Sampling**

Adjacent to Well #1 was reportedly a drain that extended vertically into the ground. The drain reportedly was used to dispose filter flush water from the adjacent pump. Due to the presence of oil and other apparent hydrocarbon material in the areas surrounding the wellhead and pump, it is possible that this material may have been introduced into the ground through the drain. A soil sample was collected from this drain and no contamination was detected.

### **9.4 Former USTs**

One 2,000-gallon gasoline UST and one 5,000-gallon diesel UST historically were located adjacent to the east side of the shop building. The shop building at the time the USTs were removed was located in the same general location as the current shop building, but appeared to be a different building. The two USTs, reportedly installed in 1984, were removed in May 1989 and low concentrations of gasoline-ranged hydrocarbons, toluene, ethylbenzene, and xylenes reportedly were detected in verification soil samples collected from the base of the excavation. Impacted soil from the top, base, and sidewalls of the excavation reportedly was removed and aerated on-site. Following aeration of the soil for several months, hydrocarbon concentrations appeared to have diminished slightly and the case was reported closed in October 1989. The hydrocarbon concentrations initially detected in the UST excavation appeared low and at least a portion of the residually-impacted soil appears to have been removed. It is unclear from the records if the aerated soil, with relatively similar hydrocarbon concentrations to that initially encountered, was replaced into the excavation or off-hauled.

To evaluate this area for residual contamination, a boring (SB-2) was completed as close as possible to the approximate location of the former USTs as part of the Phase II site investigation. No visual or olfactory indications of contamination were observed in the continuous core sampling completed to 20 feet. *We recommend that your geotechnical consultant be notified of this former excavation because the backfilling and compaction were not documented and could result in settlement.*

## **9.5 Historical Structures**

A different shop building was historically present in the general vicinity of the current shop building. Many areas with historic structures are found to have residual metals and/or pesticides present in soil around the location of the perimeter of the historic structure, attributable to application of pesticide application and the flaking of lead-based paint. To evaluate this potential issue, three soil samples were collected from the area of the former building. No elevated concentrations of pesticides or metals were identified in these samples.

## **9.6 Wells**

Four agricultural wells and one domestic supply well are present on-Site. Appropriate closure of these wells, in accordance with local regulatory agency requirements, is required prior to development of the Site if their use is no longer needed. In addition, the areas of shallow hydrocarbon-affected soils at Wells #1 and #4 should be removed, as described above.

## **9.7 Asbestos and Lead-Based Paint**

Due to the apparent age of the current on-site shop building, asbestos-containing materials appear unlikely to be present. Lead-based paint also appears unlikely to be present with respect to the shop building, due to its relatively recent age of construction.

## **9.8 Septic System**

A septic system likely is present for the current shop building. This system should be appropriately closed prior to development of the Site.

## **9.9 Department Of Oil and Gas Wells**

Oil and/or natural gas exploration dry holes or wells do not appear to be located on Site based on the State Oil and Gas maps

## **9.10 Radon**

Radon gas accumulation does not appear to be a significant concern at the Site.

## **9.11 Concerns with Vicinity Properties**

Information contained in the database search report did not reveal the presence of vicinity properties appearing likely to significantly impact the Site.

## 10.0 DATA FAILURE

Data failure is an inability of the available data to meet the objectives of the study. The following data failures were encountered:

- Historical reference sources were available only at approximate 10- to 12-year intervals, with the exception of the 30-year interval between 1920 and 1950. Due to the undeveloped state of the Site prior to the 1970s and the consistent agricultural development of the Site after that time, the less than 5-year frequency of the historical sources appears not to be significant.
- The exact location of the former UST excavation at the shop area was not able to be determined. Confirmation soil samples were obtained after excavation and the residual concentrations were low. The contaminated soils from the excavation were aerated and may have been placed back in the excavation; however, any residual concentrations will degrade by natural processes and therefore are unlikely to be a concern to future site development.

## 10.1 Data Gaps

Data gaps result from insufficient information availability for the Site, which may hinder the ability of the study to adequately distinguish recognized environmental concerns. The following data gaps were encountered.

- No access to the steel storage container adjacent to the shop building was available. As both the Site owner and farm foreman stated that no agricultural chemicals were stored on-Site, this data gap does not appear significant.

## 11.0 LIMITATIONS

The conclusions and recommendations presented in this ESA were based on reasonably observable Site conditions and publicly accessible information, including information documented and provided by others. Strategic Engineering and Science is not responsible for the accuracy of the data provided by others. Publicly accessible information cannot be relied upon to definitively confirm or deny the existence of recognized environmental conditions at the Site. No warranty, expressed or implied, has been made, except that the services have been performed in general accordance with ASTM E 1527-05, Standard Practice for Environmental Site Assessment. Our Phase II sampling was designed using generally accepted environmental practices and our judgment for the performance of a soil quality evaluation.

## 12.0 REFERENCES

Bradford, G.R., Chang, A.C., Page, A.L., Bakhtar, D., Frampton, J.A., and Wright, H., March 1996. *Background Concentrations of Trace and Major Elements in California Soils*. Kearney Foundation of Soil Science, Division of Agriculture and Natural Resources, University of California.

U.S. Environmental Protection Agency, Region 9, October 2004. *Preliminary Remediation Goals*.

Cal/EPA, January 2005. *Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties*.

### 13.0 SIGNATURES

We declare that we have the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the subject Site. We have developed and performed the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

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Belinda P. Blackie, R.E.A.,  
P.E.  
Senior Project Engineer

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Thomas F. McCloskey, P.G.,  
C.E.G., C.HG.  
Director of Property  
Development Services



**Table 1**  
**Analytical Results from Agricultural Areas – Pesticides**  
Madera-Herman Parcel, Madera, CA  
(concentration in mg/kg or ppm)

Sample ID	Depth	4,4'-DDD	4,4'-DDE	4,4'-DDT	Total DDT	Endosulfan I	Endosulfan II	Endosulfan sulfate
Ag 1	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
Ag 2	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
Ag 3	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
Ag 4	surface	ND<0.002	ND<0.002	0.013	ND<0.002	ND<0.002	ND<0.002	ND<0.002
Ag 5	surface	ND<0.002	0.00237	ND<0.002	ND<0.002	0.00536	0.00456	ND<0.002
Ag 6	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
Ag 7	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
Ag 8	surface	ND<0.002	ND<0.002	0.007	ND<0.002	ND<0.002	ND<0.002	ND<0.002
Ag 9	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
Ag 10	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
Ag 11	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
Ag 12	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
Ag 13	surface	ND<0.002	0.0094	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
Ag 14	surface	ND<0.002	ND<0.002	0.0625	ND<0.002	ND<0.002	ND<0.002	ND<0.002
Ag 15	surface	ND<0.002	0.00279	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
USEPA PRG		2.4	1.7	1.7	NE	340	340	340
CHHSLs		2.3	1.6	1.6	NE	NE	NE	NE

Notes:

-- Indicates no analysis conducted

ND Indicates that the compound was not detected at or above the stated laboratory detection limit

PRG Preliminary Remediation Goal for residential site use-USEPA Region 9, October 2004

CHHSLs California Human Health Screening Levels in Evaluation of Contaminated Properties, January 2005

NE Not established

**Table 2**  
**Analytical Results from Agricultural Areas – Metals**  
Madera-Herman Parcel, Madera, CA  
(concentrations in mg/kg or ppm)

<b>Sample ID</b>	<b>Depth</b>	<b>Arsenic*</b>	<b>Lead</b>	<b>Mercury</b>
Ag-1	surface	1.8	5	ND<0.10
Ag-2	surface	2.5	5.6	ND<0.10
Ag-3	surface	ND<1.7	4.6	ND<0.10
Ag-4	surface	ND<1.7	4.4	ND<0.10
Ag-5	surface	3.1	7	ND<0.10
Ag-6	surface	2.3	6.6	ND<0.10
Ag-7	surface	2.4	7.6	ND<0.10
Ag-8	surface	1.8	5.6	ND<0.10
Ag-9	surface	ND<1.7	5	ND<0.10
Ag-10	surface	1.8	5.4	ND<0.10
Ag-11	surface	ND<1.7	5.6	ND<0.10
Ag-12	surface	2.2	7.2	ND<0.10
Ag-13	surface	2.3	6.9	ND<0.10
Ag-14	surface	1.9	5.2	ND<0.10
Ag-15	surface	2.4	7.1	ND<0.10
USEPA PRG		0.39*	400	23
CHHSLs		0.07*	150	18
TTLc		500	1,000	20

Notes:

-- Indicates no analysis conducted

ND Indicates that the compound was not detected at or above the stated laboratory detection limit

PRG Preliminary Remediation Goal for residential site use-USEPA Region 9, October 2004

CHHSLs California Human Health Screening Levels in Evaluation of Contaminated Properties, January 2005

TTLc Total threshold limit concentration for hazardous waste classification

NE Not established

\* Published background concentrations range up to 2.1 ppm (Bradford, et al, 1996)

**Table 3**  
**Analytical Results from**  
**Shop Area – Pesticides**  
Madera-Herman Parcel, Madera, CA  
(concentrations in mg/ kg or mmp)

<b>Sample ID</b>	<b>Depth</b>	<b>4,4'- DDD</b>	<b>4,4'-DDE</b>	<b>4,4'-DDT</b>	<b>Total DDT</b>	<b>Endosulfan I</b>	<b>Endosulfan II</b>	<b>Endosulfan sulfate</b>
SB-3	surface	ND<0.002	0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND< 0.002
SS-3	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND< 0.002
SS-4	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND< 0.002
SS-5	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND< 0.002
USEPA PRG		2.4	1.7	1.7	NE	340	340	340
CHHSLs		2.3	1.6	1.6	NE	NE	NE	NE

Notes:

-- Indicates no analysis conducted

ND Indicates that the compound was not detected at or above the stated laboratory detection limit

PRG Preliminary Remediation Goal for residential site use-USEPA Region 9, October 2004

CHHSLs California Human Health Screening Levels in Evaluation of Contaminated Properties, January 2005

TTLc Total threshold limit concentration for hazardous waste classification

NE Not established

**Table 4**  
**Analytical Results from Shop Area – Metals**  
Madera-Herman Parcel, Madera, CA  
(concentrations in mg/kg or mmp)

Sample ID	Depth (fbg)	Arsenic *	Lead	Mercury	Antimony	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
SB-3	surface	--	--	--	ND<5.0	ND<5.0	ND<2.0	ND<1.0	13	8	10	ND<5.0	6.2	ND<5.0	ND<1.0	ND<5.0	29	18
SS-1	surface	1.7	14	0.1	ND<5.0	65	ND<2.0	ND<1.0	12	5.1	11	ND<5.0	8.7	ND<5.0	ND<1.0	ND<5.0	24	50
SS-2	surface	1.7	7.8	ND<0.1	ND<5.0	72	ND<2.0	ND<1.0	9.8	ND<5.0	14	ND<5.0	5	ND<5.0	ND<1.0	ND<5.0	21	120
SS-3	surface	2	5.2	ND<0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SS-4	surface	2.4	11	ND<0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SS-5	surface	ND<1.7	7	ND<0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
USEPA PRG		0.39*	400	23	31	5400	150	37	100000	900	3100	390	1600	390	390	5.2	780	23000
CHHSLs		0.07*	150	18	30	5200	150	1.7	100000	660	3000	150	1600	380	380	5	530	23000
TTLc		500	1,000	20	500	10000	75	100	2500	8000	2500	3500	2000	100	500	700	2400	5000

Notes:

- Indicates no analysis conducted
- ND Indicates that the compound was not detected at or above the stated laboratory detection limit
- PRG Preliminary Remediation Goal for residential site use-USEPA Region 9, October 2004
- CHHSLs California Human Health Screening Levels in Evaluation of Contaminated Properties, January 2005
- TTLc Total threshold limit concentration for hazardous waste classification
- NE Not established
- \* Published background concentrations range up to 2.1 ppm (Bradford, et al, 1996)

**Table 5**  
**Analytical Results from Shop Area – Petroleum Hydrocarbons**  
Madera-Herman Parcel, Madera, CA  
(concentrations in ug/kg or ppm)

Sample ID	Depth (fbg)	TPH-G	TPH-D	TPH-Motor Oil	Benzene	Toluene	Ethyl Benzene	Xylenes
SB-1	surface	ND<100	--	--	ND<5.0	ND<5.0	ND<5.0	ND<15
SB-1	5	ND<100	--	--	ND<5.0	ND<5.0	ND<5.0	ND<15
SB-1	10	ND<100	--	--	ND<5.0	ND<5.0	ND<5.0	ND<15
SB-1	15	ND<100	--	--	ND<5.0	ND<5.0	ND<5.0	ND<15
SB-2	surface	ND<100	--	--	ND<5.0	ND<5.0	ND<5.0	ND<15
SB-3	surface	ND<100	ND<2.0	13.6	--	--	--	--
	5	--	ND<2.0	5.34	--	--	--	--
	10	--	ND<2.0	ND<4.0	--	--	--	--
USEPA PRG		NE			NE	NE	NE	NE
CHHSLs		NE			NE	NE	NE	NE
TTLc		NE			NE	NE	NE	NE
Notes: -- Indicates no analysis conducted ND Indicates that the compound was not detected at or above stated laboratory detection limit PRG Preliminary Remediation Goal for residential site use-USEPA Region 9, October 2004 CHHSLs California Human Health Screening Levels in Evaluation of Contaminated Properties, January 2005 TTLc Total threshold limit concentration for hazardous waste classification NE Not established								

**Table 6**  
**Analytical Results from Wellhead Areas – Pesticides**  
Madera-Herman Parcel, Madera, CA  
(concentrations in mg/kg or ppm)

Sample ID	Depth	4,4'-DDD	4,4'-DDE	4,4'-DDT	Total DDT	Dieldrin	Endosulfan II	Endosulfan sulfate
SS-1 Ag well 1	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
SS-2 Ag well 1	surface	ND<0.002	0.00275	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
SS-1 Ag well 2	surface	ND<0.002	ND<0.002	0.00951	ND<0.002	ND<0.002	ND<0.002	ND<0.002
SS-2 Ag well 2	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
SS-1 Ag well 3	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
SS-2 Ag well 3	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
SS-1 Ag well 4	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
SS-2 Ag well 4	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002
SS-7	surface	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND
USEPA PRG		2.4	1.7	1.7	NE	0.03	340	340
CHHSLs		2.3	1.6	1.6	NE	0.035	NE	NE
TTLc		NE	NE	NE	1	8	NE	NE

Notes:

ND Indicates that the compound was not detected at or above stated laboratory detection limit of 2 ug/kg

PRG Preliminary Remediation Goal for residential site use-USEPA Region 9, October 2004

CHHSLs California Human Health Screening Levels in Evaluation of Contaminated Properties, January 2005

TTLc Total threshold limit concentration for hazardous waste classification

NE Not established

**Table 7**  
**Analytical Results from Wellhead Areas – Metals and Petroleum Hydrocarbons**  
Madera-Herman Parcel, Madera, CA  
(concentrations in mg/kg or ppm)

Sample ID	Depth	Arsenic*	Lead	Mercury	TPH-G	TPH-D	TPH-Motor Oil	Benzene	Toluene	Ethyl Benzene	Xylenes
SB Ag well 1	surface	--	--	--	ND<0.1	ND<40	1930	ND<0.005	ND<0.005	ND<0.005	ND<0.015
SB Ag well 1	5	--	--	--	ND<0.1	ND<2.0	ND<4.0	ND<0.005	ND<0.005	ND<0.005	ND<0.015
SB Ag well 1	10	--	--	--	ND<0.1	ND<2.0	ND<4.0	ND<0.005	ND<0.005	ND<0.005	ND<0.015
SB Ag well 1	15	--	--	--	ND<0.1	--	--	ND<0.005	ND<0.005	ND<0.005	ND<0.015
SS-7 Ag well 1	surface	ND<2.3	5.4	ND<0.1	ND<100	--	--	ND<0.005	ND<0.005	ND<0.005	--
SB Ag well 4	surface	--	--	--	ND<0.1	4.4*	20*	ND<0.005	ND<0.005	ND<0.005	ND<0.015
SB Ag well 4	5	--	--	--	ND<0.1	ND<2.0	ND<4.0	ND<0.005	ND<0.005	ND<0.005	ND<0.015
SB Ag well 4	10	--	--	--	ND<0.1	ND<2.0	ND<4.0	ND<0.005	ND<0.005	ND<0.005	ND<0.015
SS-1 Ag well 1	surface	2.2	6.0	ND<0.1	--	--	--	--	--	--	ND<0.015
SS-2 Ag well 1	surface	1.8	4.5	ND<0.1	--	--	--	--	--	--	--
SS-1 Ag well 2	surface	2.2	5.4	ND<0.1	--	--	--	--	--	--	--
SS-2 Ag well 2	surface	1.9	13	ND<0.1	--	--	--	--	--	--	--
SS-1 Ag well 3	surface	ND<1.7	2.1	ND<0.1	--	--	--	--	--	--	--
SS-2 Ag well 3	surface	ND<1.7	1.8	ND<0.1	--	--	--	--	--	--	--
SS-1 Ag well 4	surface	ND<1.7	10	ND<0.1	--	--	--	--	--	--	--
SS-2 Ag well 1	surface	ND<1.7	5.1	ND<0.1	--	--	--	--	--	--	--
USEPA PRG	surface	0.39	400	23	NE	NE	NE	NE	NE	NE	NE
CHHSLs		0.07	150	18	NE	NE	NE	NE	NE	NE	NE
TTLc		500	1,000	20	NE	NE	NE	NE	NE	NE	NE

Notes:

ND Indicates no analysis conducted

PRG Indicates that the compound was not detected at or above stated laboratory detection limit

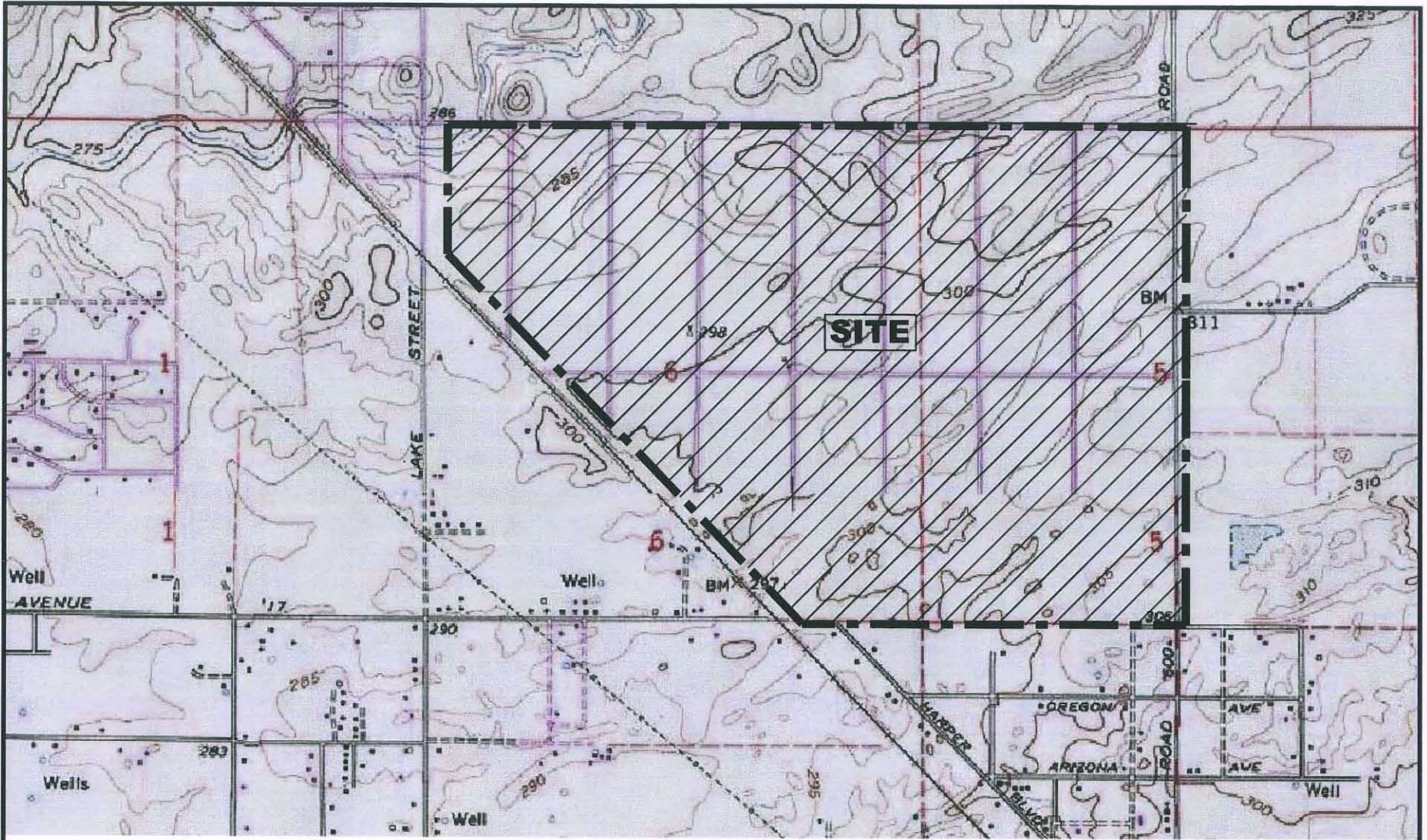
CHHSLs Preliminary Remediation Goal for residential site use-USEPA Region 9, October 2004

TTLc California Human Health Screening Levels in Evaluation of Contaminated Properties, January 2005

NE Total threshold limit concentration for hazardous waste classification

\* Published background concentrations range up to 2.1 ppm (Bradford, et al, (1996)





SOURCE:

UNITED STATES GEOLOGICAL SURVEY  
7.5 MINUTE TOPOGRAPHIC MAPS:  
KISMET QUADRANGLES  
CALIFORNIA



QUADRANGLE  
LOCATIONS



Approximate SCALE (FEET)  
0 1500 3000

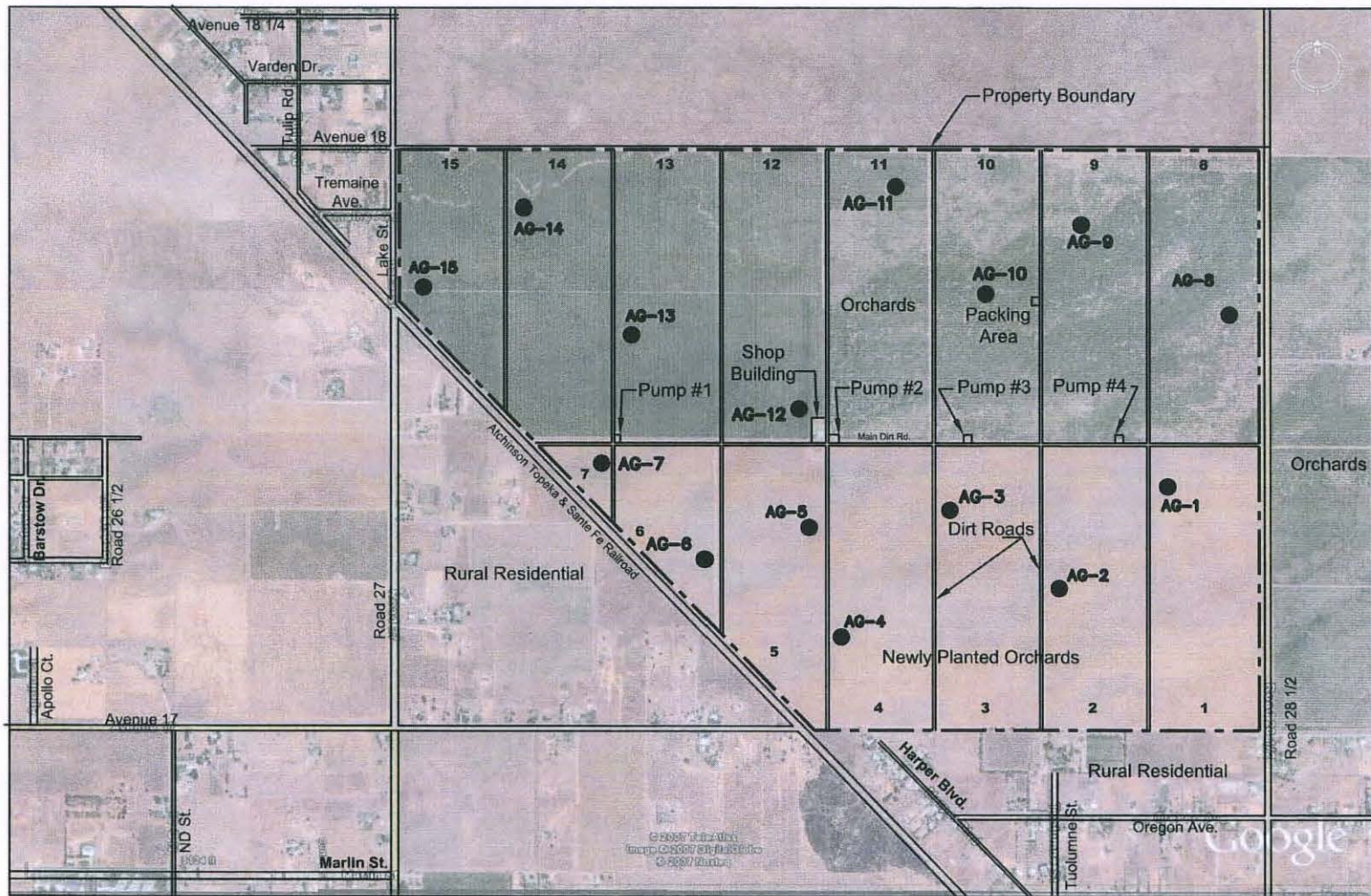
**Vicinity Map**  
Madera Herman  
Madera, California  
SES Project No. 067

**Figure 1**

01/31/07

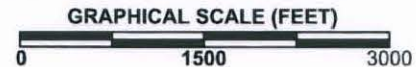




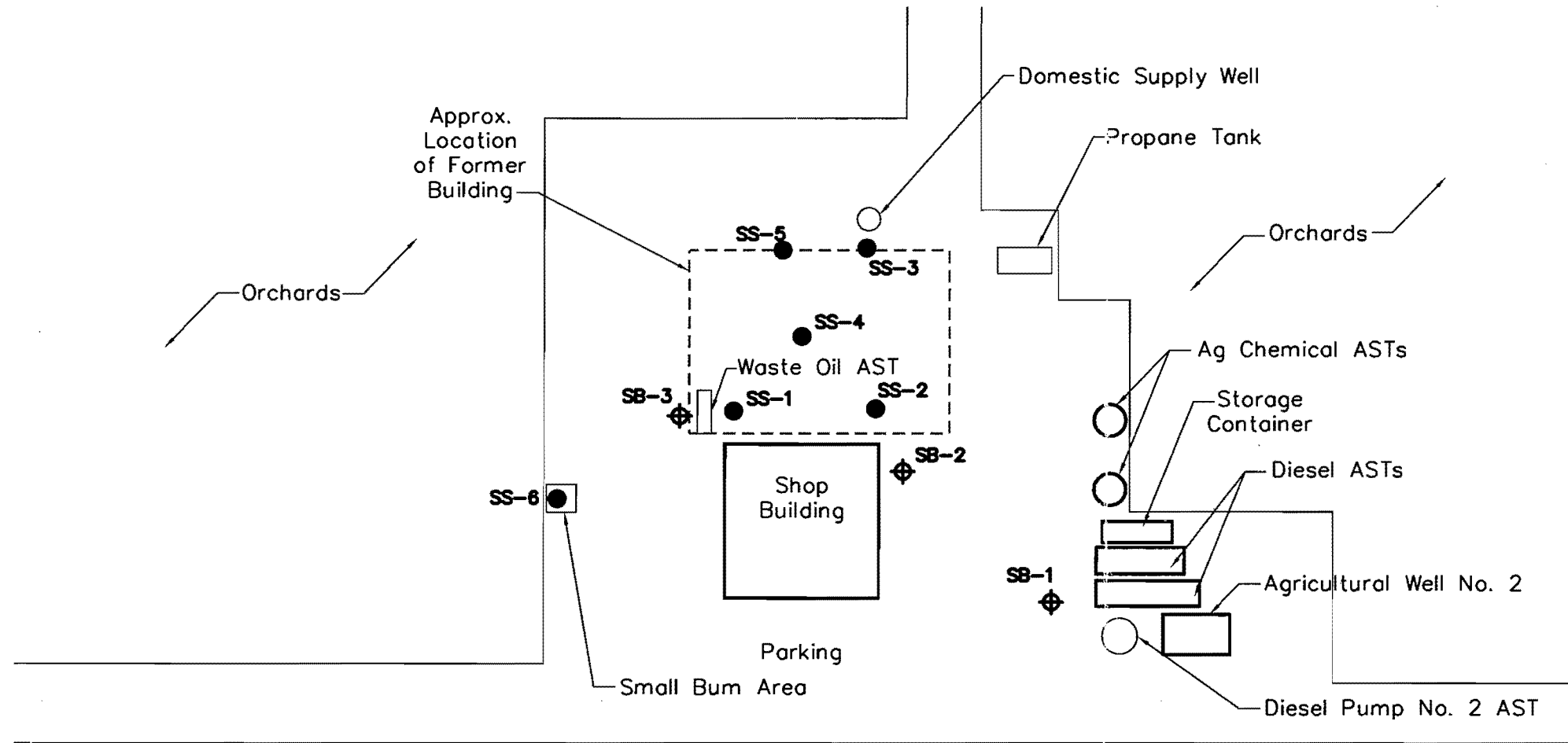


**LEGEND**

- Approximate location of surface soil sample

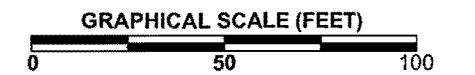


<b>Site Plan and Area Sampling Locations</b> Madera Herman Madera, California SES Project No. 067		
<b>Figure 2</b>	02/12/07	



**LEGEND**

- ◆ Approximate location of soil boring
- Approximate location of surface soil sample

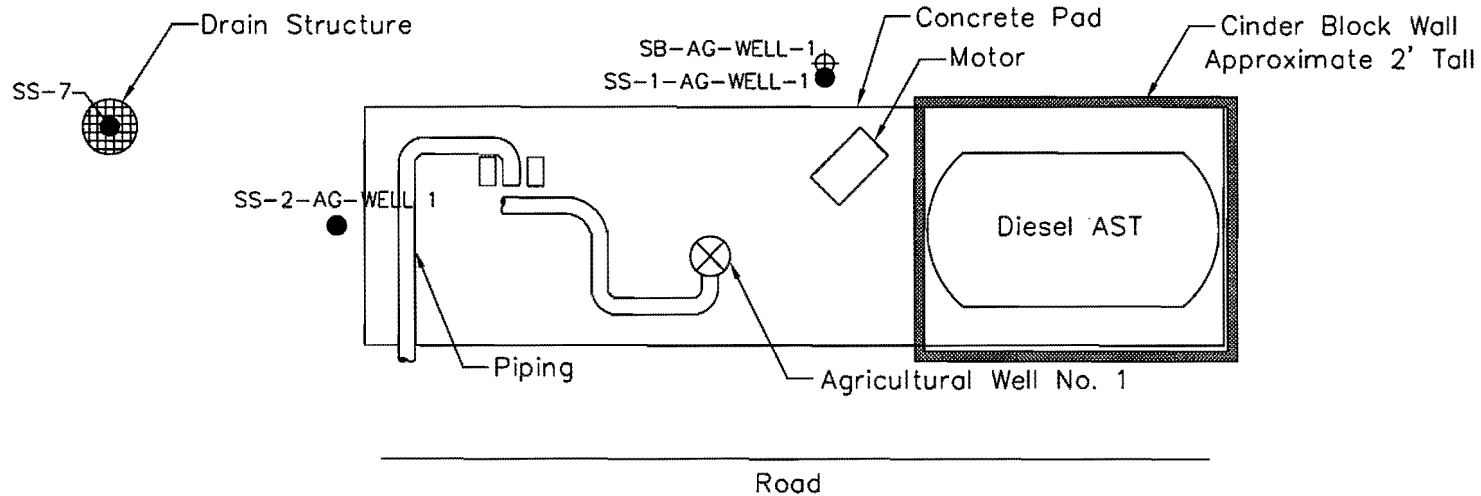


**Shop Area Detail**  
 Madera Herman  
 Madera, California  
 SES Project No. 067

**Figure 3**

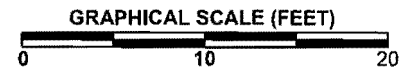
01/30/07



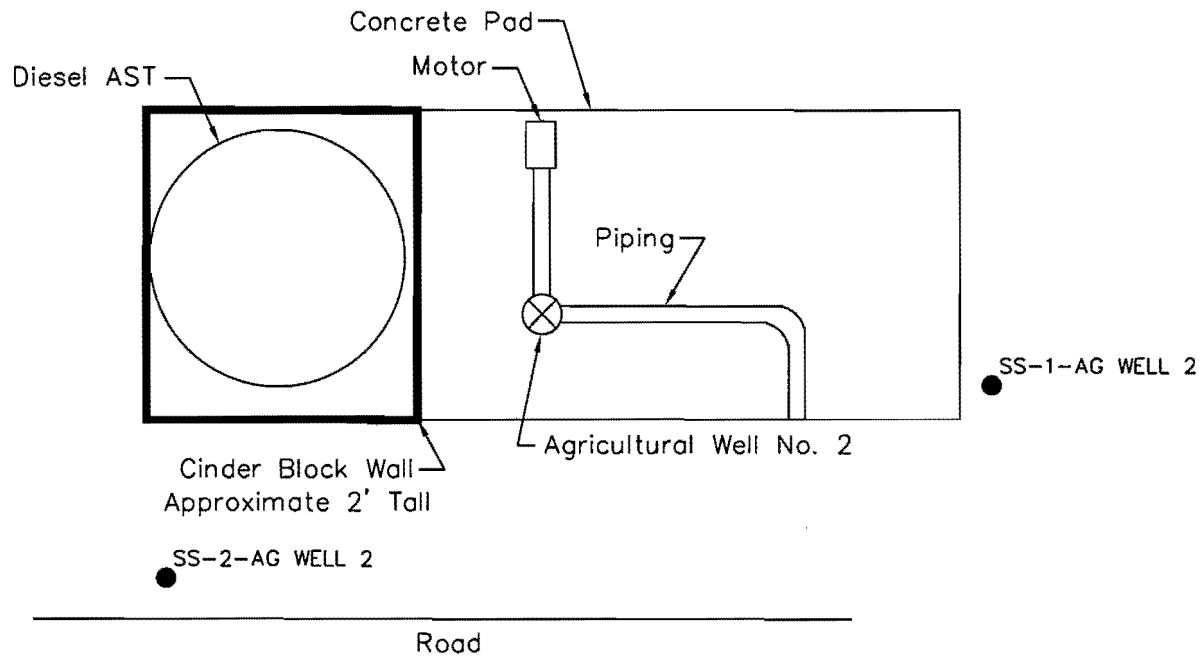


LEGEND

- ⊕ - Approximate location of soil boring
- - Approximate location of surface soil sample

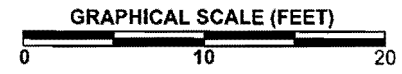


<b>AGRICULTURAL WELL No. 1</b> <b>APN- 031-221-001</b> Madera Herman Madera, California SES Project No. 067		
<b>Figure 4</b>	02/05/07	



LEGEND

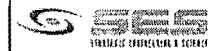
● - Approximate location of surface soil sample

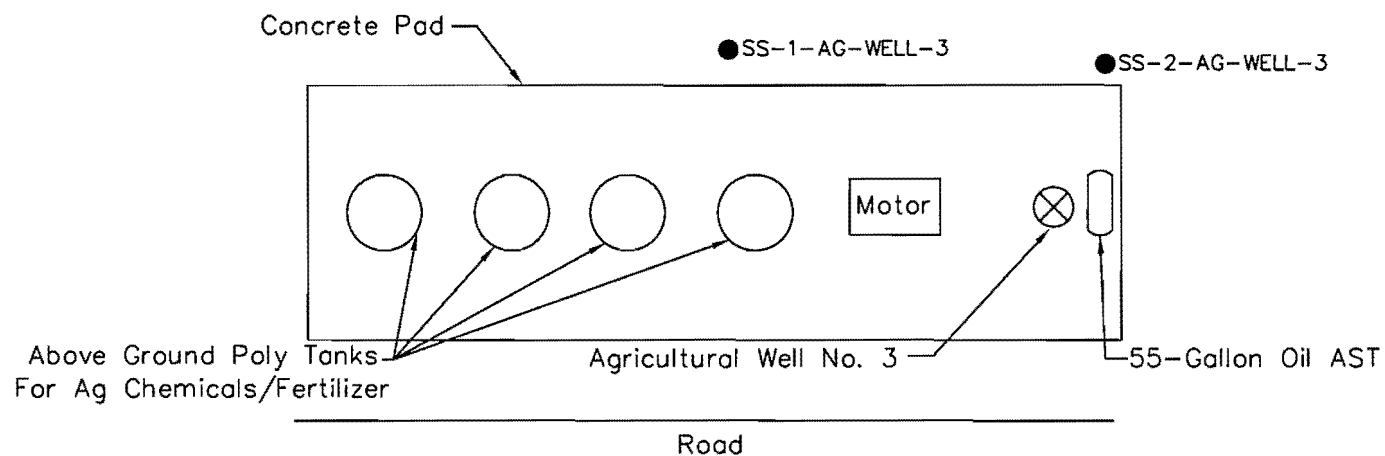


**AGRICULTURAL WELL No. 2**  
**APN- 031-221-001**  
Madera Herman  
Madera, California  
SES Project No. 067

Figure 5

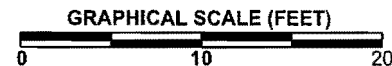
01/31/07





LEGEND

● - Approximate location of surface soil sample

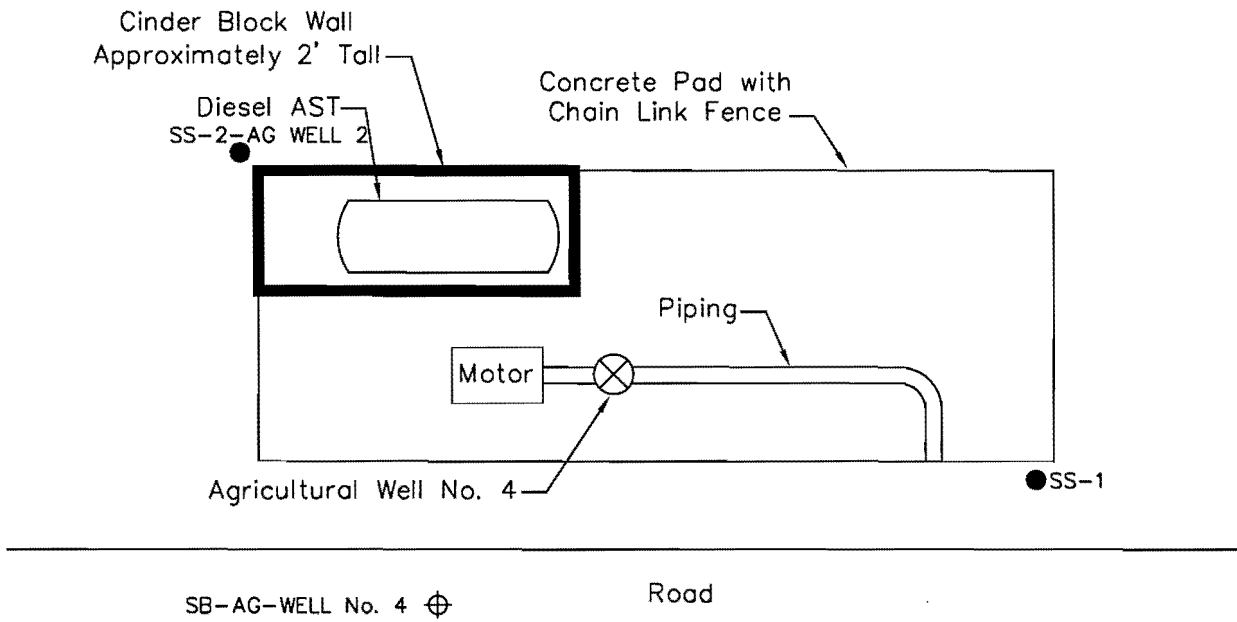


**AGRICULTURAL WELL No. 3**  
**APN- 031-221-001**  
Madera Herman  
Madera, California  
SES Project No. 067

Figure 6

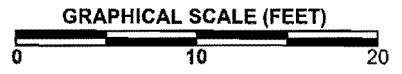
01/31/07





LEGEND

- ⊕ Approximate location of soil boring
- Approximate location of surface soil sample



<b>AGRICULTURAL WELL No. 4</b> <b>APN- 031-222-001</b> Madera Herman Madera, California SES Project No. 067		
<b>Figure 7</b>	01/31/07	



**APPENDIX A**

**COMPLETED PROPERTY OWNER QUESTIONNAIRE**





FROM : BELINDA P. BLACKIE

PHONE NO. : 408 260 8627

Feb. 14 2007 03:31PM P2

DEC-14-2006 THU 02:16 PM SOC & VPI & RTS

FAX NO. 559 691 3254

P. 03

FROM : BELINDA P. BLACKIE

PHONE NO. : 408 260 8627

Dec. 13 2006 04:27PM P3

### AGRICULTURAL SITE QUESTIONNAIRE

All current and historic street addresses: NONE

Current site owner and dates of ownership: KEVIN & DIANE HERMAN 2-14-03

Current site tenant and dates of on-site use: KEVIN & DIANE HERMAN | FARMING

If known, please list former site owners or tenants and dates of occupancy: \_\_\_\_\_

All assessor's parcel numbers (APNs): 031-222-001-000 = 318.54 acres &

Size of parcel(s)/property: 031-221-001-000 = 474.91 acres

Number and square footage of on-site structure(s): \_\_\_\_\_

Types of crops currently grown on-site: figs and almonds

Types of crops historically grown on-site: figs and almonds

List agricultural chemicals currently applied to the site: Roundup, Goal & Surflan

List agricultural chemicals, such as DDT, historically applied to the site: NONE

How is waste from on-site operations currently disposed? WASTE OIL DISPOSAL SERVICE

How was waste from on-site operations historically disposed? ABOVE

Was waste from on-site operations ever burned and/or buried on-site?  Yes  NO  Don't Know  
If yes, describe waste and describe location where it is buried. \_\_\_\_\_

Where were/are agricultural chemicals stored? off the premises

Where were/are agricultural chemicals mixed prior to application? NEAR WELL SITES

FROM : BELINDA P. BLACKIE

PHONE NO. : 408 260 8627

Feb. 14 2007 03:31PM P3

DEC-14-2006 THU 02:17 PM SCD & VPI & RRS

FAX NO. 553 681 3264

P. 04

FROM : BELINDA P. BLACKIE

PHONE NO. : 408 260 8627

Dec. 13 2006 04:27 PM P4

How were/are agricultural chemicals mixed? in application tanks

Were/are the agricultural chemicals applied to the fields per manufacturer's written instructions on the label?  Yes  No  Don't Know

Please describe current and historic application procedures. applied with our own spray rigs & people

What is the current heating source for the on-site buildings? NONE

What was the historical heating source for the on-site buildings? NONE

Has an asbestos or lead paint survey of the on-site structures been performed?  Yes  No  Don't Know  
If yes, please attach any available reports.

Were or are any of these structures on-site?

- Aboveground storage tanks  Yes  No  Don't Know
- Agricultural wells  Yes  No  Don't Know
- Boilers  Yes  No  Don't Know
- Burning areas  Yes  No  Don't Know
- Chemical mixing areas  Yes  No  Don't Know
- Chemical storage areas  Yes  No  Don't Know
- Drainage ditches  Yes  No  Don't Know
- Emergency generators  Yes  No  Don't Know
- Equipment maintenance or auto servicing areas  Yes  No  Don't Know
- Garbage disposal areas  Yes  No  Don't Know
- Petroleum pipelines  Yes  No  Don't Know
- Petroleum wells  Yes  No  Don't Know
- Ponds or streams  Yes  No  Don't Know
- Railroad lines  Yes  No  Don't Know
- Septic System  Yes  No  Don't Know
- Stockpiles of soil or debris  Yes  No  Don't Know
- Sumps  Yes  No  Don't Know
- Transformers  Yes  No  Don't Know
- Underground storage tanks  Yes  No  Don't Know
- Vehicle maintenance areas  Yes  No  Don't Know

If yes to any of the above, please briefly describe: we have above storage tanks at all 4 with sites and we use our shop to maintain vehicles & farm equipment

Have any environmental reports been prepared for the site?  Yes  No  Don't Know  
If yes, please attach available reports.

Completed by: Kevin Herma [Signature] 12-14-06  
Name (Print) Signature Date

FROM : BELINDA P. BLACKIE

PHONE NO. : 408 260 8627

Feb. 14 2007 03:32PM P4

DEC-14-2006 THU 02:16 PM SOC & VPI & RTS

FAX NO. 559 661 8264

P. 02

FROM : BELINDA P. BLACKIE

PHONE NO. : 408 260 8627

Dec. 13 2006 04:26PM P2

Phase I Site Questionnaire

1) LIST OF CURRENT SITE OCCUPANTS INCLUDING CURRENT USE AND YEARS OF OCCUPANCY.  
Occupant Site Use Years of Occupancy (e.g. from 1994 to 2004)

self equipment shop & farms 1996 to present

2) LIST OF PREVIOUS SITE OCCUPANTS INCLUDING PRIOR USE AND YEARS OF OCCUPANCY. IF POSSIBLE, PLEASE PROVIDE CONTACT INFORMATION TO FACILITATE INTERVIEWS.  
Occupant Site Use Years of Occupancy

NONE

3) ARE YOU AWARE OF ANY ENVIRONMENTAL CLEANUPS OR ACTIVITY? NO

4) ARE THERE ANY LIMITATIONS THAT ARE FILED OR RECORDED FOR THE SITE UNDER FEDERAL TRIBAL, STATE OR LOCAL LAW? NO

5) DO YOU HAVE ANY SPECIALIZED KNOWLEDGE OR EXPERIENCE RELATED TO THE PROPERTY OR NEARBY PROPERTIES THAT IS MATERIAL TO THE ENVIRONMENTAL CONDITIONS AT THE SITE? NO

6) ARE YOU AWARE OF COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION ABOUT THE PROPERTY THAT WOULD HELP TO IDENTIFY CONDITIONS INDICATIVE OF RELEASES OR TREATED RELEASES? FOR EXAMPLE,

- a) Do you know of specific chemicals that are present or once were present at the property? NO
- b) Do you know of spills or other chemicals releases that have taken place at the property? NO
- c) Do you know of any environmental cleanups that have taken place at the property? NO

7) DO YOU KNOW WHETHER ANY OF THE DOCUMENTS LIST BELOW EXIST? (Please circle any that are known). IF SO, COPIES SHOULD BE PROVIDED, IF POSSIBLE WITHIN REASONABLE TIME AND COST CONSTRAINTS.

Environment Site Assessment Reports

Geotechnical Reports, Hydrogeologic Studies or Risk Assessments

Compliance Audit Reports or Community Right-to-Know Plans

Safety Plans; Preparedness/Prevention Plans; spill prevention, counter measures, and control plans; etc.

Environmental Related Permits or Violation Notices

Underground or Aboveground storage Tanks Documents or permits

Hazardous material Management /Business Plans or Chemical Inventories





**Phase I "User" Questionnaire**

As the "User" of the Phase I environmental site assessment being performed at the Madera-Herman parcels, we are required to submit this questionnaire to comply with ASTM Practice E 1527-05 for All Appropriate Inquires. Please answer the following questions to the best of your knowledge.

Please attach any relevant reports or other documents to this questionnaire, including environmental site assessment reports, geotechnical reports, hydrogeologic studies, risk assessments, compliance audits, community right-to-know plans, site safety plans, preparedness/prevention plans, spill prevention/countermeasure/control plans, environmental permits or violation notices, underground or aboveground storage tank documents or permits, hazardous material management/business plans, or chemical inventories.

- 1) Based on your knowledge and/or experience with the Site, are there any obvious indications that contamination of the property is or may be present?  
 Yes (if yes, please provide information below)     No

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

- 2) Please provide any information you have regarding current and/or past owners/tenants and uses of the Site.

To the best of my knowledge, the farm is and has been actively cultivated for agricultural purposes.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

- 3) Please provide any information you have regarding chemicals or other hazardous materials currently and/or historically present on the Site.

To the best of my knowledge, the only chemicals and/or hazardous materials that may have been used on site are those relating to the agricultural use of the property.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

- 4) Please provide any information you have regarding spills or other chemical releases that have occurred on the Site and any cleanup activities that have been required and/or performed.

None known  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



- 5) Do you have knowledge of any environmental cleanup liens or activity and land use limitations (including engineering or institutional controls or land use restrictions) filed or recorded for the Site under federal, tribal, state, or local law?

Yes (if yes, please provide information below)  No

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- 6) Do you have any specialized knowledge of, or experience with, similar business, development, or facility types to this Site or nearby properties that would be material to the environmental condition, presence of chemicals, and/or uses of the Site and nearby properties?

Yes (if yes, please provide information below)  No

---

---

---

---

- 7) Does the purchase price being paid for this Site reasonably reflect the fair market value of the property?  Yes  No (if no, please indicate below if the known or suspected presence of contamination may be reflected in the sub-market price)

---

---

---

---

Completed by: Glenn M. Pace, President of Wellington Corporation of Northern California  
Name (Print)

*Glenn M. Pace, President*  
Signature

2/21/07  
Date



**APPENDIX B**  
**ENVIRONMENTAL DATA RESOURCES, INC.**  
**DOCUMENTS**







**EDR**® Environmental  
Data Resources Inc

## **The EDR Radius Map with GeoCheck®**

**Madera-Herman  
Lake Street/Avenue 18  
Madera, CA 93638**

**Inquiry Number: 1813169.2s**

**December 11, 2006**

## **The Standard in Environmental Risk Management Information**

440 Wheelers Farms Road  
Milford, Connecticut 06461

### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)



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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

LAKE STREET/AVENUE 18  
MADERA, CA 93638

#### COORDINATES

Latitude (North): 37.003500 - 37° 0' 12.6"  
Longitude (West): 120.040800 - 120° 2' 26.9"  
Universal Tranverse Mercator: Zone 10  
UTM X (Meters): 763324.9  
UTM Y (Meters): 4099152.2  
Elevation: 306 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 37120-A1 KISMET, CA  
Most Recent Revision: 1987  
  
South Map: 36120-H1 MADERA, CA  
Most Recent Revision: 1987

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable") government records either on the target property or within the search radius around the target property for the following databases:

#### FEDERAL RECORDS

**NPL**..... National Priority List  
**Proposed NPL**..... Proposed National Priority List Sites  
**Delisted NPL**..... National Priority List Deletions  
**NPL RECOVERY**..... Federal Superfund Liens  
**CERCLIS**..... Comprehensive Environmental Response, Compensation, and Liability Information System  
**CERC-NFRAP**..... CERCLIS No Further Remedial Action Planned

## EXECUTIVE SUMMARY

<b>CORRACTS</b> .....	Corrective Action Report
<b>RCRA-TSDF</b> .....	Resource Conservation and Recovery Act Information
<b>RCRA-LQG</b> .....	Resource Conservation and Recovery Act Information
<b>RCRA-SQG</b> .....	Resource Conservation and Recovery Act Information
<b>ERNS</b> .....	Emergency Response Notification System
<b>HMIRS</b> .....	Hazardous Materials Information Reporting System
<b>US ENG CONTROLS</b> .....	Engineering Controls Sites List
<b>US INST CONTROL</b> .....	Sites with Institutional Controls
<b>DOD</b> .....	Department of Defense Sites
<b>FUDS</b> .....	Formerly Used Defense Sites
<b>US BROWNFIELDS</b> .....	A Listing of Brownfields Sites
<b>CONSENT</b> .....	Superfund (CERCLA) Consent Decrees
<b>ROD</b> .....	Records Of Decision
<b>UMTRA</b> .....	Uranium Mill Tailings Sites
<b>ODI</b> .....	Open Dump Inventory
<b>TRIS</b> .....	Toxic Chemical Release Inventory System
<b>TSCA</b> .....	Toxic Substances Control Act
<b>FFTS</b> .....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
<b>SSTS</b> .....	Section 7 Tracking Systems
<b>ICIS</b> .....	Integrated Compliance Information System
<b>PADS</b> .....	PCB Activity Database System
<b>MLTS</b> .....	Material Licensing Tracking System
<b>MINES</b> .....	Mines Master Index File
<b>FINDS</b> .....	Facility Index System/Facility Registry System
<b>RAATS</b> .....	RCRA Administrative Action Tracking System

### STATE AND LOCAL RECORDS

<b>HIST Cal-Sites</b> .....	Historical Calsites Database
<b>CA BOND EXP. PLAN</b> .....	Bond Expenditure Plan
<b>SCH</b> .....	School Property Evaluation Program
<b>Toxic Pits</b> .....	Toxic Pits Cleanup Act Sites
<b>SWF/LF</b> .....	Solid Waste Information System
<b>CA WDS</b> .....	Waste Discharge System
<b>WMUDS/SWAT</b> .....	Waste Management Unit Database
<b>SWRCY</b> .....	Recycler Database
<b>CA FID UST</b> .....	Facility Inventory Database
<b>SLIC</b> .....	Statewide SLIC Cases
<b>UST</b> .....	Active UST Facilities
<b>HIST UST</b> .....	Hazardous Substance Storage Container Database
<b>AST</b> .....	Aboveground Petroleum Storage Tank Facilities
<b>SWEEPS UST</b> .....	SWEEPS UST Listing
<b>CHMIRS</b> .....	California Hazardous Material Incident Report System
<b>Notify 65</b> .....	Proposition 65 Records
<b>DEED</b> .....	Deed Restriction Listing
<b>VCP</b> .....	Voluntary Cleanup Program Properties
<b>CLEANERS</b> .....	Cleaner Facilities
<b>WIP</b> .....	Well Investigation Program Case List
<b>CDL</b> .....	Clandestine Drug Labs
<b>RESPONSE</b> .....	State Response Sites
<b>HAZNET</b> .....	Facility and Manifest Data
<b>EMI</b> .....	Emissions Inventory Data

### TRIBAL RECORDS

<b>INDIAN RESERV</b> .....	Indian Reservations
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## EXECUTIVE SUMMARY

**INDIAN LUST** ..... Leaking Underground Storage Tanks on Indian Land  
**INDIAN UST** ..... Underground Storage Tanks on Indian Land

### EDR PROPRIETARY RECORDS

**Manufactured Gas Plants**... EDR Proprietary Manufactured Gas Plants

### 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.

### STATE AND LOCAL RECORDS

**CORTESE:** This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 Cortese sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>ESPINOSA, RAY</i></b>	<b><i>16475 LAKE N</i></b>	<b><i>1 - 2 SW</i></b>	<b><i>2</i></b>	<b><i>7</i></b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>CIRCLE K RANCH</i></b>	<b><i>RD 27 @ SANTE FE RR TRK</i></b>	<b><i>1/2 - 1 WNW</i></b>	<b><i>1</i></b>	<b><i>6</i></b>

**LUST:** The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 10/11/2006 has revealed that there are 2 LUST sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>ESPINOSA, RAY</i></b> Facility Status: Case Closed	<b><i>16475 LAKE N</i></b>	<b><i>1 - 2 SW</i></b>	<b><i>2</i></b>	<b><i>7</i></b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>CIRCLE K RANCH</i></b> Facility Status: Case Closed	<b><i>RD 27 @ SANTE FE RR TRK</i></b>	<b><i>1/2 - 1 WNW</i></b>	<b><i>1</i></b>	<b><i>6</i></b>

## EXECUTIVE SUMMARY

**ENVIROSTOR:** The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies 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 08/29/2006 has revealed that there is 1 ENVIROSTOR site within approximately 1.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>ELLIS/CHAPIN STREET ELEMENTARY</b> Facility Status: No Further Action	<b>ELLIS/CHAPIN STREET</b>	<b>1 - 2 S</b>	<b>3</b>	<b>9</b>



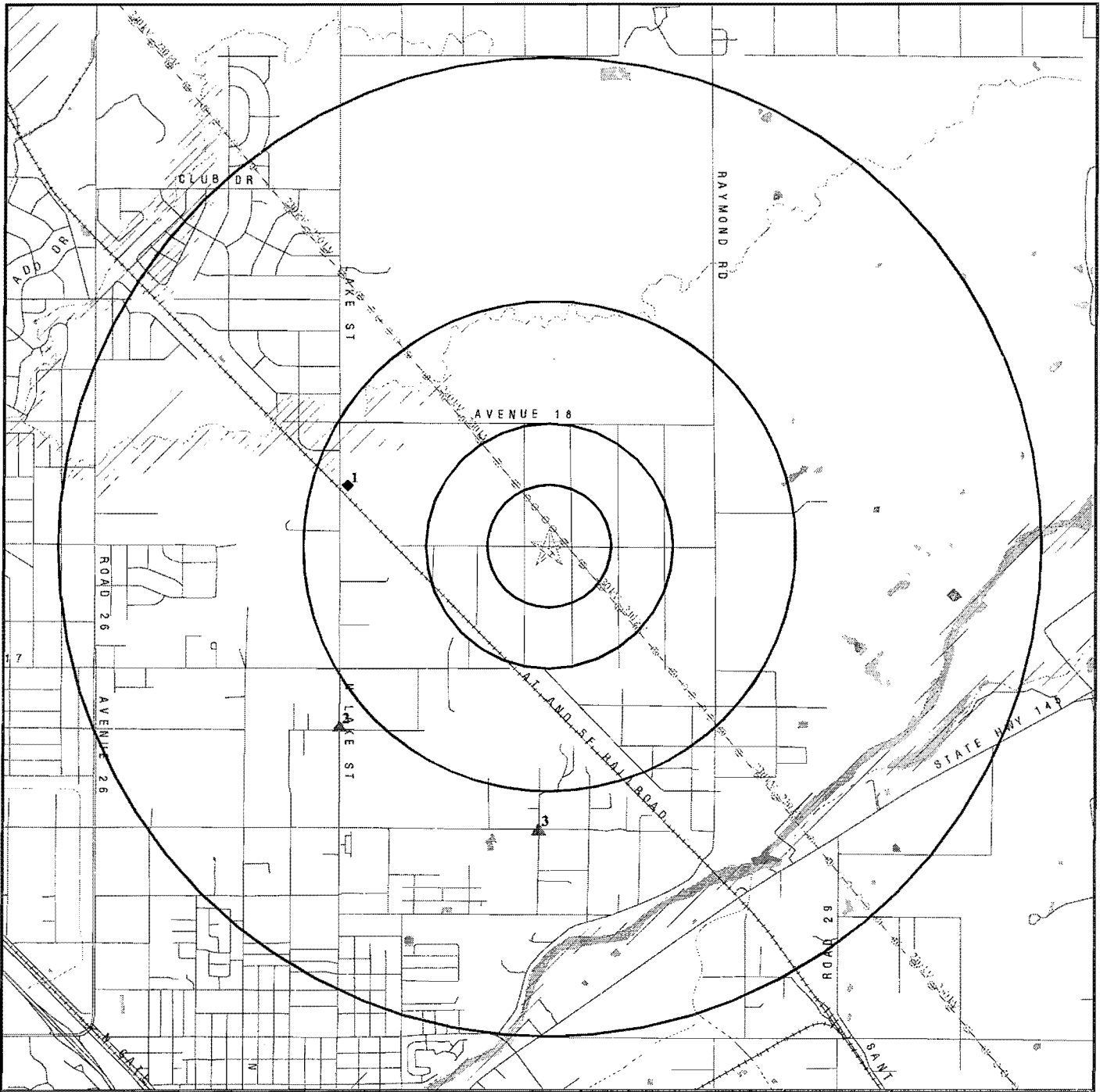
## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
ROAD 11	CDL
ROAD 15	CDL
16319 ROAD 28 1/4	CDL
16414 ROAD 28	CDL
17629 ROAD 28 1/2	CDL
ROAD 27, .5 SOUTH AVENUE 21	CDL
ROAD 28, JUST NO OF AVENUE 13	CDL
MELIKIAN FARMS, INC.	LUST, Cortese
JOHNNY QUIK FOOD STORE #131	FINDS, UST
PILOT TRUCK CENTER	UST
DOT	HAZNET
JP AUTOMOTIVE REPAIR	HAZNET
MADERA SUB STATION	HAZNET
GRAPHIC SCIENCES INC	HAZNET
BETTY CASTRO	HAZNET
ARCANE AUTOMOTIVE	HAZNET
BALTIMORE AIRCOIL COMPANY	SLIC
BEAL PROPERTIES, INC	CA WDS
DIAMOND H DAIRY	CA WDS
STEEL STRUCTURES, INC	ENVIROSTOR



# OVERVIEW MAP - 1813169.2s



☆ 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

▨ Landfill Sites

▨ Dept. Defense Sites

▨ Indian Reservations BIA

— Power transmission lines

— Oil & Gas pipelines

▨ 100-year flood zone

▨ 500-year flood zone

▨ National Wetland Inventory

▨ Areas of Concern

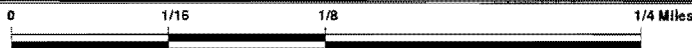
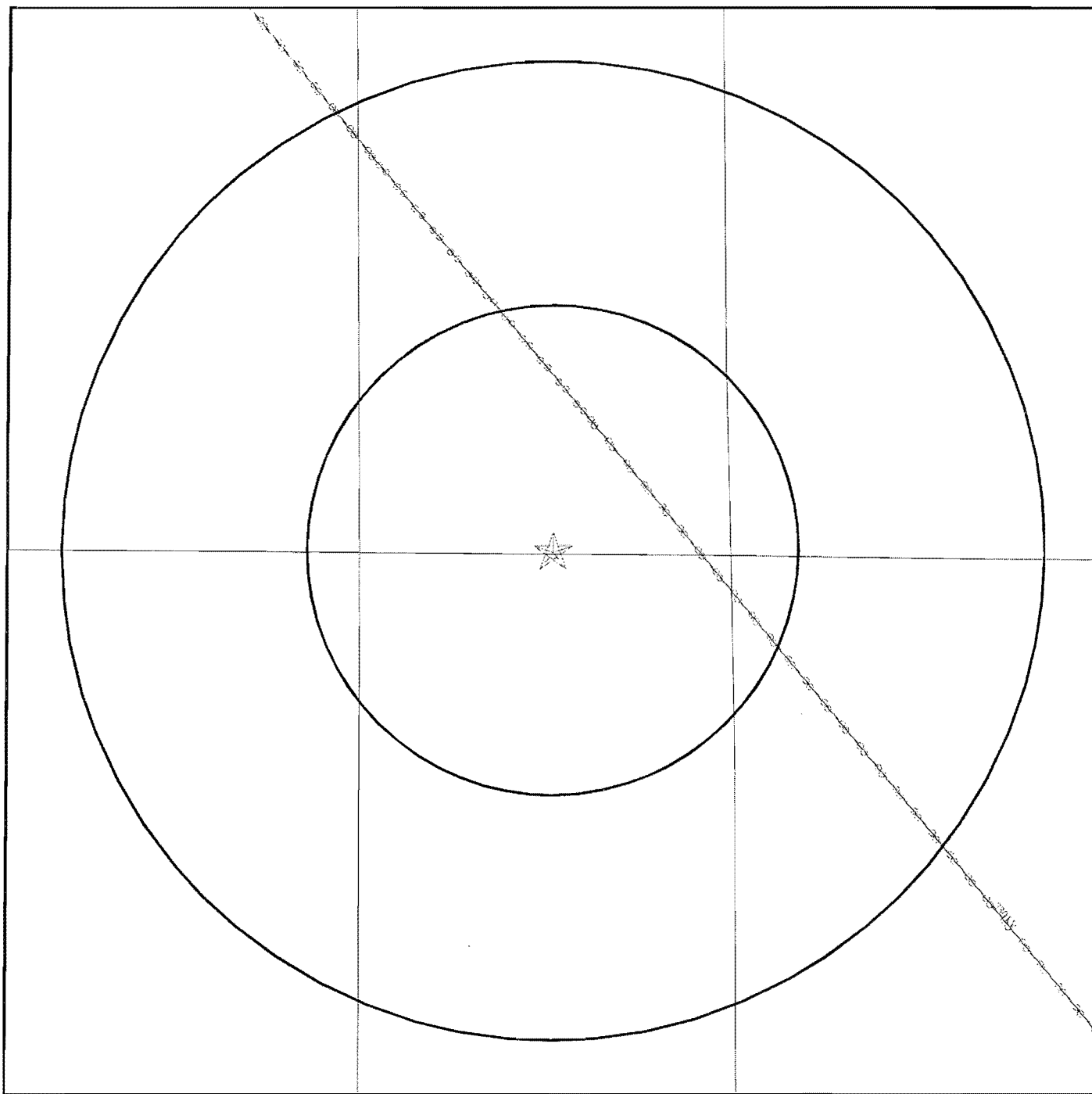


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Madera-Herman  
 ADDRESS: Lake Street/Avenue 18  
 Madera CA 93638  
 LAT/LONG: 37.0035 / 120.0408

CLIENT: Belinda P Blackie, PE, REA  
 CONTACT: Belinda Blackie  
 INQUIRY #: 1813169.2s  
 DATE: December 11, 2006 1:39 pm

# DETAIL MAP - 1813169.2s



- ☆ 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
- ☒ Landfill Sites
- ☒ Dept. Defense Sites

- ☒ Indian Reservations BIA
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ☒ 100-year flood zone
- ☒ 500-year flood zone

- ☒ 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: Madera-Herman  
 ADDRESS: Lake Street/Avenue 18  
 Madera CA 93638  
 LAT/LONG: 37.0035 / 120.0408

CLIENT: Belinda P Blackie, PE, REA  
 CONTACT: Belinda Blackie  
 INQUIRY #: 1813169.2s  
 DATE: December 11, 2006 1:39 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL RECORDS</u></b>								
NPL		1.750	0	0	0	0	0	0
Proposed NPL		1.750	0	0	0	0	0	0
Delisted NPL		1.750	0	0	0	0	0	0
NPL RECOVERY		0.750	0	0	0	0	NR	0
CERCLIS		1.250	0	0	0	0	0	0
CERC-NFRAP		1.250	0	0	0	0	0	0
CORRACTS		1.750	0	0	0	0	0	0
RCRA TSD		1.250	0	0	0	0	0	0
RCRA Lg. Quan. Gen.		1.000	0	0	0	0	NR	0
RCRA Sm. Quan. Gen.		1.000	0	0	0	0	NR	0
ERNS		0.750	0	0	0	0	NR	0
HMIRS		0.750	0	0	0	0	NR	0
US ENG CONTROLS		1.250	0	0	0	0	0	0
US INST CONTROL		1.250	0	0	0	0	0	0
DOD		1.750	0	0	0	0	0	0
FUDS		1.750	0	0	0	0	0	0
US BROWNFIELDS		1.250	0	0	0	0	0	0
CONSENT		1.750	0	0	0	0	0	0
ROD		1.750	0	0	0	0	0	0
UMTRA		1.250	0	0	0	0	0	0
ODI		1.250	0	0	0	0	0	0
TRIS		0.750	0	0	0	0	NR	0
TSCA		0.750	0	0	0	0	NR	0
FTTS		0.750	0	0	0	0	NR	0
SSTS		0.750	0	0	0	0	NR	0
ICIS		0.750	0	0	0	0	NR	0
PADS		0.750	0	0	0	0	NR	0
MLTS		0.750	0	0	0	0	NR	0
MINES		1.000	0	0	0	0	NR	0
FINDS		0.750	0	0	0	0	NR	0
RAATS		0.750	0	0	0	0	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
Hist Cal-Sites		1.750	0	0	0	0	0	0
CA Bond Exp. Plan		1.750	0	0	0	0	0	0
SCH		1.000	0	0	0	0	NR	0
Toxic Pits		1.750	0	0	0	0	0	0
State Landfill		1.250	0	0	0	0	0	0
CA WDS		0.750	0	0	0	0	NR	0
WMUDS/SWAT		1.250	0	0	0	0	0	0
Cortese		1.250	0	0	0	1	1	2
SWRCY		1.250	0	0	0	0	0	0
LUST		1.250	0	0	0	1	1	2
CA FID UST		1.000	0	0	0	0	NR	0
SLIC		1.250	0	0	0	0	0	0
UST		1.000	0	0	0	0	NR	0
HIST UST		1.000	0	0	0	0	NR	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
AST		1.000	0	0	0	0	NR	0
SWEEPS UST		1.000	0	0	0	0	NR	0
CHMIRS		0.750	0	0	0	0	NR	0
Notify 65		1.750	0	0	0	0	0	0
DEED		1.250	0	0	0	0	0	0
VCP		1.250	0	0	0	0	0	0
DRYCLEANERS		1.000	0	0	0	0	NR	0
WIP		1.000	0	0	0	0	NR	0
CDL		0.750	0	0	0	0	NR	0
RESPONSE		1.750	0	0	0	0	0	0
HAZNET		0.750	0	0	0	0	NR	0
EMI		0.750	0	0	0	0	NR	0
ENVIROSTOR		1.750	0	0	0	0	1	1
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.750	0	0	0	0	0	0
INDIAN LUST		1.250	0	0	0	0	0	0
INDIAN UST		1.000	0	0	0	0	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.750	0	0	0	0	0	0

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**1**      **CIRCLE K RANCH**  
**WNW**    **RD 27 @ SANTE FE RR TRK**  
**1/2-1**    **MADERA, CA 93638**  
**4524 ft.**

**LUST**    **S105024792**  
**Cortese**    **N/A**

**Relative:**  
**Lower**

**Actual:**  
**296 ft.**

**LUST:**  
 Region: STATE  
 Case Type: Soil only  
 Cross Street: RD 27  
 Enf Type: Not reported  
 Funding: Not reported  
 How Discovered: Tank Closure  
 How Stopped: Not reported  
 Leak Cause: Overfill  
 Leak Source: UNK  
 Global Id: T0603900083  
 Stop Date: Not reported  
 Confirm Leak: Not reported  
 Workplan: Not reported  
 Prelim Assess: Not reported  
 Pollution Char: Not reported  
 Remed Plan: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: 1990-08-07 00:00:00  
 Discover Date: 1989-05-03 00:00:00  
 Enforcement Dt: 1965-01-01 00:00:00  
 Release Date: 1990-08-07 00:00:00  
 Review Date: 1990-08-07 00:00:00  
 Enter Date: 1990-08-15 00:00:00  
 MTBE Date: Not reported  
 GW Qualifier: Not reported  
 Soil Qualifier: Not reported  
 Max MTBE GW ppb: Not reported  
 Max MTBE Soil ppb: Not reported  
 County: 20  
 Org Name: Not reported  
 Reg Board: 5F  
 Status: Case Closed  
 Chemical: Diesel  
 Contact Person: Not reported  
 Responsible Party: DEBENEDETTO FARMS  
 RP Address: 1547 N. MARKS AVE, FRESNO, CA 93722  
 Interim: Not reported  
 Oversight Prgm: LUST  
 MTBE Class: \*  
 MTBE Conc: 0  
 MTBE Fuel: 0  
 MTBE Tested: Not Required to be Tested.  
 Staff: JWH  
 Staff Initials: JAN  
 Lead Agency: Local Agency  
 Local Agency: 20000  
 Hydr Basin #: SAN JOAQUIN VALLEY (  
 Beneficial: Not reported  
 Priority: 4  
 Cleanup Fund Id: Not reported  
 Work Suspended: No  
 Local Case #: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CIRCLE K RANCH (Continued)**

**S105024792**

Case Number: 5T20000083  
 Qty Leaked: Not reported  
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site  
 Operator: JOE CAMPORATO  
 Water System Name: LODI USD-HOUSTON SCHOOL\*  
 Well Name: Not reported  
 Distance To Lust: 0  
 Waste Discharge Global ID: W0603900850  
 Waste Disch Assigned Name: 2000850-001GEN  
 Summary: SOIL ON TOP AND SIDES OF EXCAVATION WERE OBVIOUSLY CONTAMINATED. SOIL WAS REMOVED FROM SIDE WALLS, TOP AND BOTTOM OF EXCAVATION AND SPREAD FOR AERATION. SAMPLES TAKEN FROM BOTTOM OF EXCAVATION SHOWED MINIMAL LEVELS OF CONTAMINATION.

**LUST:**

Region: 5  
 Case Number: 5T20000083  
 Staff Initials: JWH  
 Substance: DIESEL  
 Case Type: Soil only  
 Status: Case Closed  
 Lead Agency: Local  
 Program: LUST  
 MTBE Code: N/A

**Cortese:**

Region: CORTESE  
 Facility Addr2: RD 27 @ SANTE FE RR TRK

**2**  
**SW**  
**> 1**  
**5926 ft.**

**ESPINOSA, RAY**  
**16475 LAKE N**  
**MADERA, CA 93638**

**LUST** **S104404452**  
**Cortese** **N/A**

**Relative:**  
**Equal**

**Actual:**  
**306 ft.**

**LUST:**

Region: STATE  
 Case Type: Soil only  
 Cross Street: Not reported  
 Enf Type: None Taken  
 Funding: Not reported  
 How Discovered: Not reported  
 How Stopped: Not reported  
 Leak Cause: Not reported  
 Leak Source: Not reported  
 Global Id: T0603900012  
 Stop Date: Not reported  
 Confirm Leak: Not reported  
 Workplan: Not reported  
 Prelim Assess: Not reported  
 Pollution Char: Not reported  
 Remed Plan: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: 1987-10-20 00:00:00  
 Discover Date: 1986-03-20 00:00:00  
 Enforcement Dt: 1965-01-01 00:00:00  
 Release Date: 1987-10-20 00:00:00  
 Review Date: 1987-10-20 00:00:00



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**ESPINOSA, RAY (Continued)**

**S104404452**

Enter Date: 1987-10-30 00:00:00  
MTBE Date: Not reported  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Max MTBE GW ppb: Not reported  
Max MTBE Soil ppb: Not reported  
County: 20  
Org Name: Not reported  
Reg Board: 5F  
Status: Case Closed  
Chemical: Hydrocarbons  
Contact Person: Not reported  
Responsible Party: ESPINOSA, RAY  
RP Address: 16475 N. LAKE, MADERA, CA 93638  
Interim: Not reported  
Oversight Prgm: LUST  
MTBE Class: \*  
MTBE Conc: 0  
MTBE Fuel: 0  
MTBE Tested: Not Required to be Tested.  
Staff: JWH  
Staff Initials: UNK  
Lead Agency: Local Agency  
Local Agency: 20000  
Hydr Basin #: SAN JOAQUIN VALLEY (  
Beneficial: Not reported  
Priority: 4  
Cleanup Fund Id: Not reported  
Work Suspended: No  
Local Case #: Not reported  
Case Number: 5T20000012  
Qty Leaked: Not reported  
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or  
land farming)  
Operator: Not reported  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: Not reported

**LUST:**

Region: 5  
Case Number: 5T20000012  
Staff Initials: JWH  
Substance: HYDROCARBONS  
Case Type: Soil only  
Status: Case Closed  
Lead Agency: Local  
Program: LUST  
MTBE Code: N/A

**Cortese:**

Region: CORTESE  
Facility Addr2: 16475 LAKE N

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s) EDR ID Number  
EPA ID Number

3 ELLIS/CHAPIN STREET ELEMENTARY SCHOOL  
South ELLIS/CHAPIN STREET  
> 1 MADERA, CA 93638  
6103 ft.

SCH S107736289  
ENVIROSTOR N/A

Relative: SCH:  
Equal Facility ID: 60000121  
Site Type: School Investigation  
Actual: Site Type Detail: School  
306 ft. Acres: 18  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: Not reported  
Project Manager: NEAL HUTCHISON  
Supervisor: MARK MALINOWSKI  
Division Branch: School Evaluation - Glendale / Sacramento  
Site Code: 104496-11  
Assembly: 29  
Senate: 14  
Special Program Status: Not reported  
Status: No Further Action  
Status Date: 2006-01-11 00:00:00  
Restricted Use: NO  
Funding: School District  
Latitude: 36.9890373493976  
Longitude: -120.0475  
Alias Name: MADERA USD-ELLIS/CHAPIN STREET ELEM SCL  
60000121  
104496-11  
Alias Type: Alternate Name  
Calsites ID Number  
Project Code (Site Code)  
APN: NONE SPECIFIED  
APN Description: Not reported  
Comments: Not reported  
Completed Area Name: Not reported  
Completed Sub Area Name: Not reported  
Completed Document Type: Not reported  
Completed Date: Not reported  
Confirmed: 30018-NO,30013-NO  
Confirmed Description: Not reported  
Confirmed Description: Not reported  
Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Media Affected: SOIL  
Media Affected Desc: Soil  
Management Required: NONE SPECIFIED  
Management Required Desc: Not reported  
Potential: 30013, 30018  
Potential Description: Lead  
Potential Description: Polychlorinated biphenyls (PCBs)  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ELLIS/CHAPIN STREET ELEMENTARY SCHOOL (Continued)

S107736289

SIC Name: RESIDENTIAL AREA

ENVIROSTOR:

Site Type: School Investigation  
Site Type Detailed: School  
Acres: 18  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: NEAL HUTCHISON  
Supervisor: MARK MALINOWSKI  
Division Branch: School Evaluation - Glendale / Sacramento  
Envirostor ID: 60000121  
Site Code: 104496-11  
Assembly: 29  
Senate: 14  
Special Program: Not reported  
**Status: No Further Action**  
Status Date: 2006-01-11 00:00:00  
Restricted Use: NO  
Funding: School District  
Latitude: 36.9890373493976  
Longitude: -120.0475

CA ENVIROSTOR ALIAS:

Alias Type: Project Code (Site Code)  
Alias Project Name: 104496-11  
  
Alias Type: Alternate Name  
Alias Project Name: MADERA USD-ELLIS/CHAPIN STREET ELEM SCL  
  
Alias Type: Calsites ID Number  
Alias Project Name: 60000121

CA ENVIROSTOR COMPLETE:

Area Name: Not reported  
Sub Area Name: Not reported  
Document Type: Not reported  
Completed Date: Not reported  
Comments: Not reported

CA ENVIROSTOR FUTURE:

Area Name: Not reported  
Sub Area Name: Not reported  
Document Type: Not reported  
Due Date: Not reported

CA ENVIROSTOR SCHEDULE:

Area Name: Not reported  
Sub Area Name: Not reported  
Document Type: Not reported  
Due Date: Not reported  
Revised Date: Not reported

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MADERA	S105024803	MELIKIAN FARMS, INC.	10606 HWY 145	93638	LUST, Cortese
MADERA	S103678957	DOT	HWY 41 / AVE 10	93638	HAZNET
MADERA	S107146586	JP AUTOMOTIVE REPAIR	11040 HWY 41 UNIT B	93638	HAZNET
MADERA	S103866452	BEAL PROPERTIES, INC	AVE 12 / HWY 99		CA WDS
MADERA	U003787003	PILOT TRUCK CENTER	22717 AVENUE 18 1/2	93638	UST
MADERA	S106103895	DIAMOND H DAIRY	9564 AVENUE 18 / A HALF		CA WDS
MADERA	S103975953	MADERA SUB STATION	CORNER OF HWY 145 / AVE 12	93638	HAZNET
MADERA	S104565803	GRAPHIC SCIENCES INC	18 1/2 EXIT ON HWY 99		HAZNET
MADERA	S102803557	BETTY CASTRO	20199 N HWY 41		HAZNET
MADERA	S103950522	ARCANE AUTOMOTIVE	10816 B N HWY 41	93638	HAZNET
MADERA	S107529396		16319 ROAD 28 1/4	93638	CDL
MADERA	S107529440		16414 ROAD 28	93638	CDL
MADERA	S107529817		17629 ROAD 28 1/2	93638	CDL
MADERA	S107540485		ROAD 27, .5 SOUTH AVENUE 21	93638	CDL
MADERA	S107540486		ROAD 28, JUST NO OF AVENUE 13	93638	CDL
MADERA	S106486194	BALTIMORE AIRCOIL COMPANY	ROAD 28-1/2		SLIC
	S107540427		ROAD 11	93638	CDL
	S107540438		ROAD 15	93638	CDL
MADERA	1008235281	JOHNNY QUIK FOOD STORE #131	28650 AVENUE 12	93638	FINDS, UST
MADERA	S101481097	STEEL STRUCTURES, INC	28777 AVENUE 15 1/2	93638	ENVIROSTOR

## 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.

### FEDERAL RECORDS

#### **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: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

Sources:

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL:** Proposed National Priority List Sites

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

#### **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: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **NPL RECOVERY:** 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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 11/17/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: No Update Planned

### **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: 08/09/2006	Source: EPA
Date Data Arrived at EDR: 09/21/2006	Telephone: 703-603-8960
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 09/21/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

### **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: 10/10/2006	Source: EPA
Date Data Arrived at EDR: 10/25/2006	Telephone: 703-603-8960
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

### **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006	Source: EPA
Date Data Arrived at EDR: 03/17/2006	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 12/04/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/05/2007
	Data Release Frequency: Quarterly

### **RCRA:** Resource Conservation and Recovery Act Information

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site 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: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: 800-424-9346
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 12/08/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

### **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: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 10/24/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Annually

### **HMIRS:** Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 08/01/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/18/2006	Telephone: 202-366-4555
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Annually

### **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: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 09/07/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	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: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 09/07/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **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: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 11/10/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 02/05/2007
	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: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/20/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Varies

### **US BROWNFIELDS:** A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/10/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/13/2006	Telephone: 202-566-2777
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 12/11/2006
Number of Days to Update: 55	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Semi-Annually

### **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: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/22/2007
	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: 07/10/2006	Source: EPA
Date Data Arrived at EDR: 07/21/2006	Telephone: 703-416-0223
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 47	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Annually



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 09/05/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Varies

### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### 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: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/22/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/18/2006
	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: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/15/2007
	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: 10/19/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

**FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**

Date of Government Version: 10/19/2006	Source: EPA
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **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: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 11/07/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/15/2007
	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: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/16/2006
	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: 07/07/2006	Source: EPA
Date Data Arrived at EDR: 08/09/2006	Telephone: 202-566-0500
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 11/29/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/05/2007
	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: 07/10/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/20/2006	Telephone: 301-415-7169
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

### **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: 08/09/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/27/2006	Telephone: 303-231-5959
Date Made Active in Reports: 11/27/2006	Last EDR Contact: 09/27/2006
Number of Days to Update: 61	Next Scheduled EDR Contact: 12/25/2006
	Data Release Frequency: Semi-Annually

### **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).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/21/2006	Source: EPA
Date Data Arrived at EDR: 07/25/2006	Telephone: N/A
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 43	Next Scheduled EDR Contact: 01/01/2007
	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 12/04/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/05/2007
	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: 12/31/2003	Source: EPA/NTIS
Date Data Arrived at EDR: 06/17/2005	Telephone: 800-424-9346
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 10/20/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Biennially

### **STATE AND LOCAL RECORDS**

#### **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	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 11/27/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/26/2007
	Data Release Frequency: No Update Planned

#### **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	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	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: 08/29/2006	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/30/2006	Telephone: 916-323-3400
Date Made Active in Reports: 10/05/2006	Last EDR Contact: 11/29/2006
Number of Days to Update: 36	Next Scheduled EDR Contact: 02/26/2007
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 10/30/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: No Update Planned

### **SWF/LF (SWIS):** Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/13/2006	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 09/13/2006	Telephone: 916-341-6320
Date Made Active in Reports: 10/05/2006	Last EDR Contact: 09/13/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Quarterly

### **CA WDS:** Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 09/20/2006	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/21/2006	Telephone: 916-341-5227
Date Made Active in Reports: 10/25/2006	Last EDR Contact: 09/21/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

### **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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 12/07/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 03/05/2007
	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). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 05/29/2001	Telephone: 916-323-3400
Date Made Active in Reports: 07/26/2001	Last EDR Contact: 10/23/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: No Update Planned

### **SWRCY:** Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 10/10/2006	Source: Department of Conservation
Date Data Arrived at EDR: 10/12/2006	Telephone: 916-323-3836
Date Made Active in Reports: 10/25/2006	Last EDR Contact: 10/12/2006
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/08/2007
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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.

Date of Government Version: 10/11/2006	Source: State Water Resources Control Board
Date Data Arrived at EDR: 10/12/2006	Telephone: 916-341-5752
Date Made Active in Reports: 10/25/2006	Last EDR Contact: 10/12/2006
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/08/2007
	Data Release Frequency: Quarterly

### LUST REG 5: Leaking Underground Storage Tank Database

Date of Government Version: 09/30/2006	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 10/25/2006	Telephone: 916-464-3291
Date Made Active in Reports: 11/28/2006	Last EDR Contact: 10/25/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

### LUST REG 6V: Leaking Underground Storage Tank Case Listing

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-346-7491
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 10/02/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: No Update Planned

### LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 951-782-4130
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 11/07/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/05/2007
	Data Release Frequency: Varies

### 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	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-467-2980
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 10/17/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: No Update Planned

### LUST REG 7: Leaking Underground Storage Tank Case Listing

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-346-7491
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 11/16/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/19/2007
	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	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 916-542-5424
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 12/04/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/05/2007
	Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 213-576-6600  
Last EDR Contact: 09/25/2006  
Next Scheduled EDR Contact: 12/25/2006  
Data Release Frequency: No Update Planned

### LUST REG 1: Active Toxic Site Investigation

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

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

Source: California Regional Water Quality Control Board North Coast (1)  
Telephone: 707-576-2220  
Last EDR Contact: 11/16/2006  
Next Scheduled EDR Contact: 02/19/2007  
Data Release Frequency: No Update Planned

### LUST REG 2: Fuel Leak List

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: 510-286-0457  
Last EDR Contact: 10/09/2006  
Next Scheduled EDR Contact: 01/08/2007  
Data Release Frequency: Quarterly

### LUST REG 3: Leaking Underground Storage Tank Database

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: 805-549-3147  
Last EDR Contact: 11/13/2006  
Next Scheduled EDR Contact: 02/12/2007  
Data Release Frequency: No Update Planned

### CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994  
Date Data Arrived at EDR: 09/05/1995  
Date Made Active in Reports: 09/29/1995  
Number of Days to Update: 24

Source: California Environmental Protection Agency  
Telephone: 916-341-5851  
Last EDR Contact: 12/28/1998  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### SLIC: Statewide SLIC Cases

The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 10/11/2006  
Date Data Arrived at EDR: 10/12/2006  
Date Made Active in Reports: 10/25/2006  
Number of Days to Update: 13

Source: State Water Resources Control Board  
Telephone: 916-341-5752  
Last EDR Contact: 10/12/2006  
Next Scheduled EDR Contact: 01/08/2007  
Data Release Frequency: Varies

### SLIC REG 1: Active Toxic Site Investigations

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: 11/16/2006  
Next Scheduled EDR Contact: 02/19/2007  
Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/30/2004	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 10/09/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/08/2007
	Data Release Frequency: Quarterly

### SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 05/18/2006	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 11/13/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/12/2007
	Data Release Frequency: Semi-Annually

### SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/17/2004	Source: Region Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 11/18/2004	Telephone: 213-576-6600
Date Made Active in Reports: 01/04/2005	Last EDR Contact: 10/23/2006
Number of Days to Update: 47	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Varies

### SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 04/01/2005	Source: Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 04/05/2005	Telephone: 916-464-3291
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 10/02/2006
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Semi-Annually

### SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 05/24/2005	Source: Regional Water Quality Control Board, Victorville Branch
Date Data Arrived at EDR: 05/25/2005	Telephone: 619-241-6583
Date Made Active in Reports: 06/16/2005	Last EDR Contact: 10/02/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Semi-Annually

### SLIC REG 6L: SLIC Sites

Date of Government Version: 09/07/2004	Source: California Regional Water Quality Control Board, Lahontan Region
Date Data Arrived at EDR: 09/07/2004	Telephone: 530-542-5574
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 12/04/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/05/2007
	Data Release Frequency: No Update Planned

### SLIC REG 7: SLIC List

Date of Government Version: 11/24/2004	Source: California Regional Quality Control Board, Colorado River Basin Region
Date Data Arrived at EDR: 11/29/2004	Telephone: 760-346-7491
Date Made Active in Reports: 01/04/2005	Last EDR Contact: 11/16/2006
Number of Days to Update: 36	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 04/06/2006	Source: California Region Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 04/06/2006	Telephone: 951-782-3298
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 10/05/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Semi-Annually

## SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 08/30/2006	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 08/31/2006	Telephone: 858-467-2980
Date Made Active in Reports: 10/05/2006	Last EDR Contact: 11/27/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/26/2007
	Data Release Frequency: Annually

## UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 10/11/2006	Source: SWRCB
Date Data Arrived at EDR: 10/12/2006	Telephone: 916-341-5851
Date Made Active in Reports: 11/13/2006	Last EDR Contact: 10/12/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/08/2007
	Data Release Frequency: Semi-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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 11/02/2006	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/03/2006	Telephone: 916-341-5712
Date Made Active in Reports: 12/08/2006	Last EDR Contact: 10/30/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

## 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 1980'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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## 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: 12/31/2004	Source: Office of Emergency Services
Date Data Arrived at EDR: 11/30/2005	Telephone: 916-845-8400
Date Made Active in Reports: 01/19/2006	Last EDR Contact: 11/20/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **NOTIFY 65:** Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993	Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993	Last EDR Contact: 10/16/2006
Number of Days to Update: 18	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: No Update Planned

### **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: 10/04/2006	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/05/2006	Telephone: 916-323-3400
Date Made Active in Reports: 10/25/2006	Last EDR Contact: 10/05/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Semi-Annually

### **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: 08/29/2006	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/30/2006	Telephone: 916-323-3400
Date Made Active in Reports: 10/05/2006	Last EDR Contact: 11/29/2006
Number of Days to Update: 36	Next Scheduled EDR Contact: 02/26/2007
	Data Release Frequency: Quarterly

### **DRYCLEANERS:** Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 04/18/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 04/18/2005	Telephone: 916-327-4498
Date Made Active in Reports: 05/06/2005	Last EDR Contact: 10/02/2006
Number of Days to Update: 18	Next Scheduled EDR Contact: 01/01/2007
	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: 10/25/2006	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 10/31/2006	Telephone: 213-576-6726
Date Made Active in Reports: 11/28/2006	Last EDR Contact: 10/23/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **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: 05/17/2006	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/17/2006	Telephone: 916-255-6504
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 10/23/2006
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Varies

### **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: 08/29/2006	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/30/2006	Telephone: 916-323-3400
Date Made Active in Reports: 10/05/2006	Last EDR Contact: 11/29/2006
Number of Days to Update: 36	Next Scheduled EDR Contact: 02/26/2007
	Data Release Frequency: Quarterly

### **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: 12/31/2003	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 10/11/2005	Telephone: 916-255-1136
Date Made Active in Reports: 10/31/2005	Last EDR Contact: 11/20/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 02/05/2007
	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: 12/31/2004	Source: California Air Resources Board
Date Data Arrived at EDR: 04/14/2006	Telephone: 916-322-2990
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 10/20/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Varies

### **ENVIROSTOR: EnviroStor Database**

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies 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: 08/29/2006	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/30/2006	Telephone: 916-323-3400
Date Made Active in Reports: 10/05/2006	Last EDR Contact: 11/29/2006
Number of Days to Update: 36	Next Scheduled EDR Contact: 02/26/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## TRIBAL RECORDS

### **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: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 202-208-3710
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 11/10/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 02/05/2007
	Data Release Frequency: Semi-Annually

### **INDIAN LUST R1:** Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006	Source: EPA Region 1
Date Data Arrived at EDR: 09/08/2006	Telephone: 617-918-1313
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 61	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

### **INDIAN LUST R10:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/11/2006	Source: EPA Region 10
Date Data Arrived at EDR: 09/11/2006	Telephone: 206-553-2857
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

### **INDIAN LUST R9:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2006	Telephone: 415-972-3372
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

### **INDIAN LUST R8:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 09/06/2006	Telephone: 303-312-6271
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/19/2007
	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: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

### **INDIAN LUST R6:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005	Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**INDIAN LUST R4:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-8677
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

**INDIAN UST R4:** Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

**INDIAN UST R9:** Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 9
Date Data Arrived at EDR: 10/04/2006	Telephone: 415-972-3368
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

**INDIAN UST R7:** Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

**INDIAN UST R8:** Underground Storage Tanks on Indian Land

Date of Government Version: 08/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 09/06/2006	Telephone: 303-312-6137
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

**INDIAN UST R5:** Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

**INDIAN UST R10:** Underground Storage Tanks on Indian Land

Date of Government Version: 09/11/2006	Source: EPA Region 10
Date Data Arrived at EDR: 09/11/2006	Telephone: 206-553-2857
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

**INDIAN UST R1:** Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/07/2006  
Date Data Arrived at EDR: 09/08/2006  
Date Made Active in Reports: 11/08/2006  
Number of Days to Update: 61

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 11/17/2006  
Next Scheduled EDR Contact: 02/19/2007  
Data Release Frequency: Varies

### **INDIAN UST R6: Underground Storage Tanks on Indian Land**

Date of Government Version: 08/28/2006  
Date Data Arrived at EDR: 08/29/2006  
Date Made Active in Reports: 11/08/2006  
Number of Days to Update: 71

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 11/17/2006  
Next Scheduled EDR Contact: 02/19/2007  
Data Release Frequency: Semi-Annually

### **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

### **COUNTY RECORDS**

#### **ALAMEDA COUNTY:**

##### **Contaminated Sites**

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/26/2006  
Date Data Arrived at EDR: 10/27/2006  
Date Made Active in Reports: 11/28/2006  
Number of Days to Update: 32

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 10/23/2006  
Next Scheduled EDR Contact: 01/22/2007  
Data Release Frequency: Semi-Annually

##### **Underground Tanks**

Date of Government Version: 10/26/2006  
Date Data Arrived at EDR: 10/27/2006  
Date Made Active in Reports: 11/13/2006  
Number of Days to Update: 17

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 10/23/2006  
Next Scheduled EDR Contact: 01/22/2007  
Data Release Frequency: Semi-Annually

#### **CONTRA COSTA COUNTY:**

##### **Site List**

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/05/2006  
Date Data Arrived at EDR: 09/05/2006  
Date Made Active in Reports: 10/05/2006  
Number of Days to Update: 30

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 11/27/2006  
Next Scheduled EDR Contact: 02/26/2007  
Data Release Frequency: Semi-Annually

## FRESNO COUNTY:

### CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/11/2006  
Date Data Arrived at EDR: 07/12/2006  
Date Made Active in Reports: 07/27/2006  
Number of Days to Update: 15

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 11/20/2006  
Next Scheduled EDR Contact: 02/05/2007  
Data Release Frequency: Semi-Annually

## KERN COUNTY:

### Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 09/05/2006  
Date Data Arrived at EDR: 09/05/2006  
Date Made Active in Reports: 09/18/2006  
Number of Days to Update: 13

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 12/04/2006  
Next Scheduled EDR Contact: 03/05/2007  
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: 12/31/1998  
Date Data Arrived at EDR: 07/07/1999  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: EPA Region 9  
Telephone: 415-972-3178  
Last EDR Contact: 05/16/2006  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/31/2006  
Date Data Arrived at EDR: 10/30/2006  
Date Made Active in Reports: 11/28/2006  
Number of Days to Update: 29

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 11/13/2006  
Next Scheduled EDR Contact: 02/12/2007  
Data Release Frequency: Semi-Annually

### List of Solid Waste Facilities

Date of Government Version: 08/15/2006  
Date Data Arrived at EDR: 08/25/2006  
Date Made Active in Reports: 10/05/2006  
Number of Days to Update: 41

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 11/15/2006  
Next Scheduled EDR Contact: 02/12/2007  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## City of Los Angeles Landfills

Date of Government Version: 03/01/2006  
Date Data Arrived at EDR: 04/06/2006  
Date Made Active in Reports: 05/11/2006  
Number of Days to Update: 35

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 12/11/2006  
Next Scheduled EDR Contact: 03/12/2007  
Data Release Frequency: Varies

## Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/05/2006  
Date Data Arrived at EDR: 02/16/2006  
Date Made Active in Reports: 03/13/2006  
Number of Days to Update: 25

Source: Community Health Services  
Telephone: 323-890-7806  
Last EDR Contact: 11/13/2006  
Next Scheduled EDR Contact: 02/12/2007  
Data Release Frequency: Annually

## City of El Segundo Underground Storage Tank

Date of Government Version: 09/11/2006  
Date Data Arrived at EDR: 09/22/2006  
Date Made Active in Reports: 11/06/2006  
Number of Days to Update: 45

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236  
Last EDR Contact: 12/08/2006  
Next Scheduled EDR Contact: 02/12/2007  
Data Release Frequency: Semi-Annually

## City of Long Beach Underground Storage Tank

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: 11/21/2006  
Next Scheduled EDR Contact: 02/19/2007  
Data Release Frequency: Annually

## City of Torrance Underground Storage Tank

Date of Government Version: 08/15/2006  
Date Data Arrived at EDR: 08/17/2006  
Date Made Active in Reports: 09/18/2006  
Number of Days to Update: 32

Source: City of Torrance Fire Department  
Telephone: 310-618-2973  
Last EDR Contact: 11/13/2006  
Next Scheduled EDR Contact: 02/12/2007  
Data Release Frequency: Semi-Annually

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 08/08/2006  
Date Data Arrived at EDR: 08/29/2006  
Date Made Active in Reports: 09/18/2006  
Number of Days to Update: 20

Source: Public Works Department Waste Management  
Telephone: 415-499-6647  
Last EDR Contact: 10/30/2006  
Next Scheduled EDR Contact: 01/29/2007  
Data Release Frequency: Semi-Annually

## NAPA COUNTY:

### Sites With Reported Contamination

Date of Government Version: 10/09/2006  
Date Data Arrived at EDR: 10/09/2006  
Date Made Active in Reports: 10/25/2006  
Number of Days to Update: 16

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 09/25/2006  
Next Scheduled EDR Contact: 12/25/2006  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Closed and Operating Underground Storage Tank Sites

Date of Government Version: 10/09/2006  
Date Data Arrived at EDR: 10/09/2006  
Date Made Active in Reports: 11/06/2006  
Number of Days to Update: 28

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 09/25/2006  
Next Scheduled EDR Contact: 12/25/2006  
Data Release Frequency: Annually

## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 09/01/2006  
Date Data Arrived at EDR: 09/18/2006  
Date Made Active in Reports: 10/25/2006  
Number of Days to Update: 37

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 12/06/2006  
Next Scheduled EDR Contact: 03/05/2007  
Data Release Frequency: Annually

### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 09/01/2006  
Date Data Arrived at EDR: 09/20/2006  
Date Made Active in Reports: 10/25/2006  
Number of Days to Update: 35

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 12/06/2006  
Next Scheduled EDR Contact: 03/05/2007  
Data Release Frequency: Quarterly

### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 09/01/2006  
Date Data Arrived at EDR: 09/20/2006  
Date Made Active in Reports: 10/20/2006  
Number of Days to Update: 30

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 12/06/2006  
Next Scheduled EDR Contact: 03/05/2007  
Data Release Frequency: Quarterly

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 08/30/2006  
Date Data Arrived at EDR: 08/31/2006  
Date Made Active in Reports: 10/05/2006  
Number of Days to Update: 35

Source: Placer County Health and Human Services  
Telephone: 530-889-7312  
Last EDR Contact: 08/14/2006  
Next Scheduled EDR Contact: 12/19/2006  
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: 11/09/2006  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 11/28/2006  
Number of Days to Update: 18

Source: Department of Public Health  
Telephone: 951-358-5055  
Last EDR Contact: 10/16/2006  
Next Scheduled EDR Contact: 01/15/2007  
Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Storage Tank Tank List

Date of Government Version: 08/08/2006  
Date Data Arrived at EDR: 08/08/2006  
Date Made Active in Reports: 09/18/2006  
Number of Days to Update: 41

Source: Health Services Agency  
Telephone: 951-358-5055  
Last EDR Contact: 10/16/2006  
Next Scheduled EDR Contact: 01/15/2007  
Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### Contaminated Sites

Date of Government Version: 08/02/2006  
Date Data Arrived at EDR: 08/18/2006  
Date Made Active in Reports: 10/05/2006  
Number of Days to Update: 48

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 11/17/2006  
Next Scheduled EDR Contact: 01/29/2007  
Data Release Frequency: Quarterly

### ML - Regulatory Compliance Master List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2006  
Date Data Arrived at EDR: 08/25/2006  
Date Made Active in Reports: 10/05/2006  
Number of Days to Update: 41

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 11/17/2006  
Next Scheduled EDR Contact: 01/29/2007  
Data Release Frequency: Quarterly

## SAN BERNARDINO COUNTY:

### Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/26/2006  
Date Data Arrived at EDR: 10/17/2006  
Date Made Active in Reports: 10/25/2006  
Number of Days to Update: 8

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 12/04/2006  
Next Scheduled EDR Contact: 03/05/2007  
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: 05/16/2005  
Date Data Arrived at EDR: 05/18/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 29

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 12/04/2006  
Next Scheduled EDR Contact: 01/01/2007  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2005  
Date Data Arrived at EDR: 12/29/2005  
Date Made Active in Reports: 01/19/2006  
Number of Days to Update: 21

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 11/20/2006  
Next Scheduled EDR Contact: 02/19/2007  
Data Release Frequency: Varies

## SAN FRANCISCO COUNTY:

### Local Oversight Facilities

Date of Government Version: 09/18/2006  
Date Data Arrived at EDR: 09/20/2006  
Date Made Active in Reports: 10/25/2006  
Number of Days to Update: 35

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 12/04/2006  
Next Scheduled EDR Contact: 03/05/2007  
Data Release Frequency: Quarterly

### Underground Storage Tank Information

Date of Government Version: 09/18/2006  
Date Data Arrived at EDR: 09/20/2006  
Date Made Active in Reports: 10/20/2006  
Number of Days to Update: 30

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 12/04/2006  
Next Scheduled EDR Contact: 03/05/2007  
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: 07/25/2006  
Date Data Arrived at EDR: 08/10/2006  
Date Made Active in Reports: 09/18/2006  
Number of Days to Update: 39

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 10/30/2006  
Next Scheduled EDR Contact: 01/15/2007  
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: 08/25/2006  
Date Data Arrived at EDR: 08/25/2006  
Date Made Active in Reports: 10/05/2006  
Number of Days to Update: 41

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 10/09/2006  
Next Scheduled EDR Contact: 01/08/2007  
Data Release Frequency: Annually

### Fuel Leak List

Date of Government Version: 10/10/2006  
Date Data Arrived at EDR: 10/11/2006  
Date Made Active in Reports: 10/25/2006  
Number of Days to Update: 14

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 10/09/2006  
Next Scheduled EDR Contact: 01/08/2007  
Data Release Frequency: Semi-Annually

## SANTA CLARA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: Santa Clara Valley Water District
Date Data Arrived at EDR: 03/30/2005	Telephone: 408-265-2600
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 09/25/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/25/2006
	Data Release Frequency: No Update Planned

## LOP Listing

A listing of open leaking underground storage tanks.

Date of Government Version: 09/29/2006	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/02/2006	Telephone: 408-918-3417
Date Made Active in Reports: 10/25/2006	Last EDR Contact: 09/25/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 12/25/2006
	Data Release Frequency: Varies

## Hazardous Material Facilities

Date of Government Version: 09/07/2006	Source: City of San Jose Fire Department
Date Data Arrived at EDR: 09/08/2006	Telephone: 408-277-4659
Date Made Active in Reports: 10/05/2006	Last EDR Contact: 12/04/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/05/2007
	Data Release Frequency: Annually

## SOLANO COUNTY:

### Leaking Underground Storage Tanks

Date of Government Version: 07/05/2006	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 07/25/2006	Telephone: 707-784-6770
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/25/2006
	Data Release Frequency: Quarterly

### Underground Storage Tanks

Date of Government Version: 07/03/2006	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 07/26/2006	Telephone: 707-784-6770
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/25/2006
	Data Release Frequency: Quarterly

## SONOMA COUNTY:

### Leaking Underground Storage Tank Sites

Date of Government Version: 10/23/2006	Source: Department of Health Services
Date Data Arrived at EDR: 10/24/2006	Telephone: 707-565-6565
Date Made Active in Reports: 11/28/2006	Last EDR Contact: 10/23/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Quarterly

## SUTTER COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Underground Storage Tanks

Date of Government Version: 12/31/0005  
Date Data Arrived at EDR: 01/05/2006  
Date Made Active in Reports: 01/31/2006  
Number of Days to Update: 26

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500  
Last EDR Contact: 10/27/2006  
Next Scheduled EDR Contact: 01/01/2007  
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: 08/28/2006  
Date Data Arrived at EDR: 09/26/2006  
Date Made Active in Reports: 10/25/2006  
Number of Days to Update: 29

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 09/13/2006  
Next Scheduled EDR Contact: 12/11/2006  
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: 08/01/2006  
Date Data Arrived at EDR: 09/05/2006  
Date Made Active in Reports: 10/05/2006  
Number of Days to Update: 30

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 11/16/2006  
Next Scheduled EDR Contact: 02/19/2007  
Data Release Frequency: Annually

#### Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 08/28/2006  
Date Data Arrived at EDR: 09/22/2006  
Date Made Active in Reports: 10/25/2006  
Number of Days to Update: 33

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 09/13/2006  
Next Scheduled EDR Contact: 12/11/2006  
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: 06/28/2006  
Date Data Arrived at EDR: 07/27/2006  
Date Made Active in Reports: 08/24/2006  
Number of Days to Update: 28

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 10/12/2006  
Next Scheduled EDR Contact: 01/08/2007  
Data Release Frequency: Quarterly

### YOLO COUNTY:

#### Underground Storage Tank Comprehensive Facility Report

Date of Government Version: 07/19/2006  
Date Data Arrived at EDR: 08/01/2006  
Date Made Active in Reports: 08/24/2006  
Number of Days to Update: 23

Source: Yolo County Department of Health  
Telephone: 530-666-8646  
Last EDR Contact: 11/13/2006  
Next Scheduled EDR Contact: 01/15/2007  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 12/31/2004  
Date Data Arrived at EDR: 02/17/2006  
Date Made Active in Reports: 04/07/2006  
Number of Days to Update: 49

Source: Department of Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 12/11/2006  
Next Scheduled EDR Contact: 03/12/2007  
Data Release Frequency: Annually

#### **NJ MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/01/2006  
Date Data Arrived at EDR: 07/06/2006  
Date Made Active in Reports: 08/01/2006  
Number of Days to Update: 26

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 11/13/2006  
Next Scheduled EDR Contact: 01/01/2007  
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: 08/01/2006  
Date Data Arrived at EDR: 08/30/2006  
Date Made Active in Reports: 10/16/2006  
Number of Days to Update: 47

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/29/2006  
Next Scheduled EDR Contact: 02/26/2007  
Data Release Frequency: Annually

#### **PA MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 03/17/2006  
Date Made Active in Reports: 06/06/2006  
Number of Days to Update: 81

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 09/11/2006  
Next Scheduled EDR Contact: 12/11/2006  
Data Release Frequency: Annually

#### **RI MANIFEST:** Manifest information

Hazardous waste manifest information

Date of Government Version: 09/30/2005  
Date Data Arrived at EDR: 05/09/2006  
Date Made Active in Reports: 05/24/2006  
Number of Days to Update: 15

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 09/18/2006  
Next Scheduled EDR Contact: 12/18/2006  
Data Release Frequency: Annually

#### **WI MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 03/17/2006  
Date Made Active in Reports: 05/02/2006  
Number of Days to Update: 46

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 10/23/2006  
Next Scheduled EDR Contact: 01/08/2007  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**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: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

**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 1999 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.

## **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

### **STREET AND ADDRESS INFORMATION**

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## GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

MADERA-HERMAN  
LAKE STREET/AVENUE 18  
MADERA, CA 93638

### TARGET PROPERTY COORDINATES

Latitude (North): 37.00350 - 37° 0' 12.6"  
Longitude (West): 120.0408 - 120° 2' 26.9"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 763324.9  
UTM Y (Meters): 4099152.2  
Elevation: 306 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map: 37120-A1 KISMET, CA  
Most Recent Revision: 1987  
  
South Map: 36120-H1 MADERA, CA  
Most Recent Revision: 1987

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

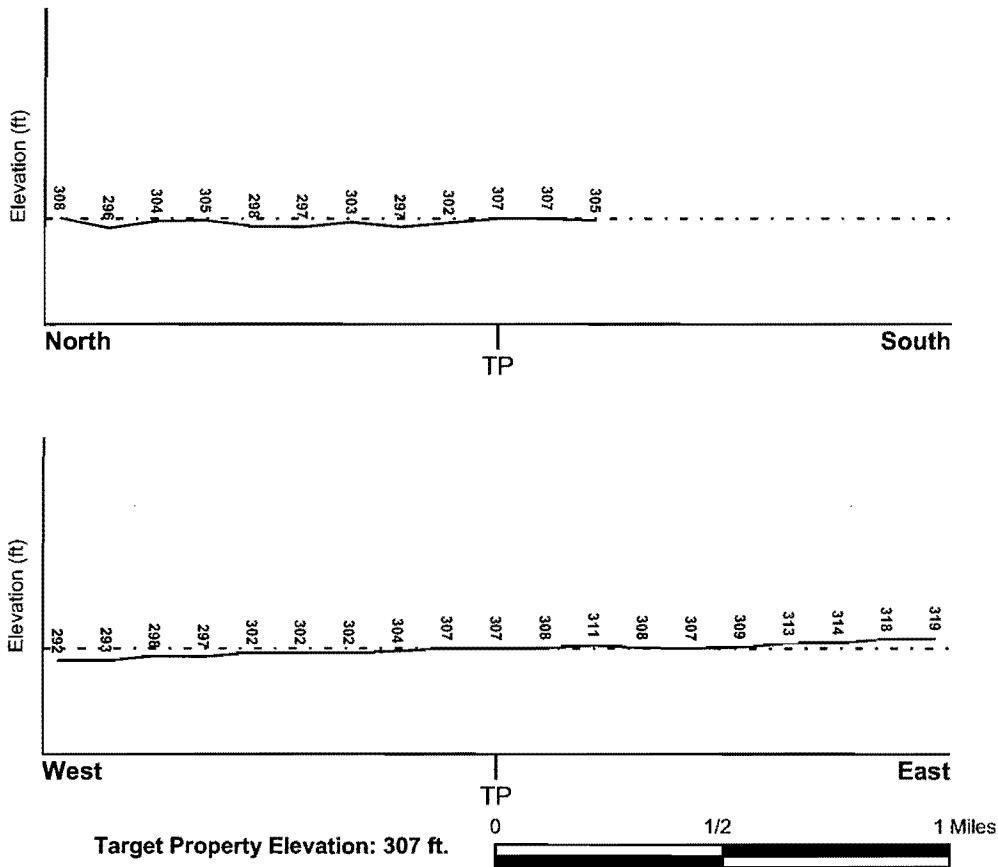
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### **FEMA FLOOD ZONE**

<u>Target Property County</u> MADERA, CA	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	0601700605B
Additional Panels in search area:	Not Reported

### **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u> KISMET	NWI Electronic <u>Data Coverage</u> 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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

\* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (decoded above as Era, System & Series)

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: SAN JOAQUIN  
Soil Surface Texture: sandy loam  
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.  
Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 6.50 Min: 5.60
2	16 inches	19 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 7.30 Min: 6.10
3	19 inches	28 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.06 Min: 0.01	Max: 7.80 Min: 6.10
4	28 inches	60 inches	indurated	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00
5	60 inches	70 inches	stratified	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.20 Min: 0.06	Max: 7.80 Min: 6.10

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

- Soil Surface Textures: loam  
fine sandy loam  
clay
- Surficial Soil Types: loam  
fine sandy loam  
clay
- Shallow Soil Types: clay loam  
fine sandy loam  
gravelly - loam  
clay  
indurated
- Deeper Soil Types: gravelly - sandy loam  
weathered bedrock  
sandy loam

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## 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

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS3207957	1/4 - 1/2 Mile South
A2	USGS3208019	1/2 - 1 Mile East
A3	USGS3208029	1/2 - 1 Mile ENE

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

## OTHER STATE DATABASE INFORMATION

## STATE OIL/GAS WELL INFORMATION

<u>DISTANCE FROM TP (Miles)</u>	<u>DISTANCE FROM TP (Miles)</u>
1 - 2 Miles NE	1/2 - 1 Mile East

# PHYSICAL SETTING SOURCE MAP - 1813169.2s



- 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
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

No contour lines were detected within this map area.

**SITE NAME:** Madera-Herman  
**ADDRESS:** Lake Street/Avenue 18  
 Madera CA 93638  
**LAT/LONG:** 37.0035 / 120.0408

**CLIENT:** Belinda P Blackie, PE, REA  
**CONTACT:** Belinda Blackie  
**INQUIRY #:** 1813169.2s  
**DATE:** December 11, 2006 1:39 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**  
**South**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS3207957**

Agency cd:	USGS	Site no:	365951120022501
Site name:	011S018E06P001M		
Latitude:	365951		
Longitude:	1200225	Dec lat:	36.99744701
Dec lon:	-120.04127304	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	039
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	294.00	Altitude method:	M
Altitude accuracy:	2.5	Altitude datum:	NGVD29
Hydrologic:	Middle San JoaquinLower Chowchilla. California. Area = 2640 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19570101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	96.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Real time data flag:	0	Project number:	Not Reported
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0	Daily flow data end date:	0000-00-00
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1965-04-01	Ground water data end date:	1965-04-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1965-04-01	73.00		1965-04-01	73.00	

**A2**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS3208019**

Agency cd:	USGS	Site no:	370019120013101
Site name:	011S018E05G001M		
Latitude:	370019		
Longitude:	1200131	Dec lat:	37.00522485
Dec lon:	-120.02627255	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	039
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	311.00	Altitude method:	M
Altitude accuracy:	2.5	Altitude datum:	NGVD29
Hydrologic:	Middle San JoaquinLower Chowchilla. California. Area = 2640 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1965-03-01	Ground water data end date:	1965-03-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1965-03-01	72.00	

**A3**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS3208029**

Agency cd:	USGS	Site no:	370022120012901
Site name:	011S018E05G002M		
Latitude:	370022		
Longitude:	1200129	Dec lat:	37.00605818
Dec lon:	-120.02571699	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	039
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	310.00	Altitude method:	M
Altitude accuracy:	2.5	Altitude datum:	NGVD29
Hydrologic:	Middle San JoaquinLower Chowchilla. California. Area = 2640 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1965-03-01	Ground water data end date:	1965-03-01
Ground water data count:	1		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1965-03-01	61.00	

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction \_\_\_\_\_ Database \_\_\_\_\_ FDR ID Number \_\_\_\_\_  
 Distance \_\_\_\_\_

**NE**  
**1 - 2 Miles**

**OIL\_GAS CA10176880**

Apinumber:	03900116	Operator:	Success Oil Company
Lease:	Andrews	Well no:	1
Field:	Madera County	Cagaso m3 area:	Not Reported
Map:	W5-3	Status cod:	006
Source:	hud		
Latitude:	37.020196		
Longitude:	-120.020951		
Td:	2200	Sec:	32
Twn:	10S	Rge:	18E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	5

**East**  
**1/2 - 1 Mile**

**OIL\_GAS CA10176888**

Apinumber:	03900138	Operator:	Nuevo Energy Company
Lease:	Floto	Well no:	1
Field:	Madera County	Cagaso m3 area:	Not Reported
Map:	W5-3	Status cod:	006
Source:	hud		
Latitude:	37.005083		
Longitude:	-120.026715		
Td:	2670	Sec:	5
Twn:	11S	Rge:	18E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	5

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
93638	6	0	0.00

Federal EPA Radon Zone for MADERA 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: 93638

Number of sites tested: 5

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.900 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 1999 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<sup>R</sup> 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

#### **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

### 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.

### 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.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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**APPENDIX C**  
**MCEHD DOCUMENTS**



UNDERGROUND TANK REMOVAL

CIRCLE K RANCH

MADERA, CALIFORNIA



NORMAN HANSON & ASSOCIATES, INC.  
Consulting Civil Engineers  
105 Berry Drive  
Madera, California 93637  
(209) 674-2297

June 10, 1989

OUR JOB: 10023

Neil Heely  
All American Trenching  
1501 Tollhouse #3,  
Clovis, CA 93612

SUBJECT: REMOVAL OF UNDERGROUND TANKS  
CIRCLE (K) RANCH  
MADERA, CALIFORNIA

Dear Sir:

This report transmits the results of soil testing at the time of underground tank removal for the Circle (K) Ranch in Madera County, California. The results indicate that no significant hydrocarbon contamination was encountered.

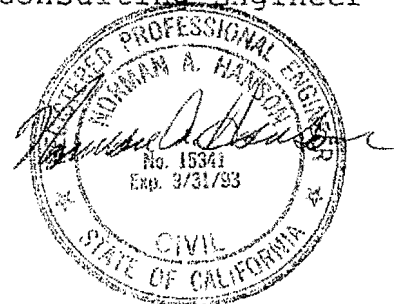
If you have any questions or comments in this regard, please do not hesitate to contact us.

Respectfully submitted

Norman A. Hanson, Consulting Engineer

  
Norman A. Hanson

CE 15341



NAH/ovc

Enclosures

Distribution: Madera County Department of Environmental Health



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CONCLUSIONS	3
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FIGURE 2	Site Plan
FIGURE 3	Chain of Custody
FIGURE 4	LUFT Manual, Table 2-1
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FIGURE 6	Gasoline soil analysis

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UNDERGROUND TANK REMOVAL  
CIRCLE (K) RANCH  
MADERA COUNTY CALIFORNIA

INTRODUCTION

This report presents the results of soil testing for underground tank removal at the Circle (K) Ranch in Madera County California. The testing has been performed in accordance with the requirements of the Madera County Environmental Health Department.

PROJECT DESCRIPTION

Circle (K) Ranch is located east of county road 27 at the intersection of the Santa Fe railroad tracks and Road 27 as identified on the parcel map on Figure 1. The site plan, figure 2 identifies the tank location in relation to the shop building.

The area closest to the main building consisted of two underground tanks and a pump island. At the day of tank removal, the pump island had already been removed. The underground tanks contained diesel and gasoline. The diesel tank was 5,000 gallons. The gasoline tank capacity was 2,000 gallons. The island was said to be almost totally over the tanks at one end. The date of installation was unknown.

After removal of the tanks, the excavations will be backfilled. No Buildings are proposed to be constructed near the excavation cite.

FIELD OBSERVATIONS

The tanks were removed on May 4, 1989. The tanks and piping were observed in the field at the time of removal. Rust was observed on both the tanks and piping, but the corrosion was not sufficient to penetrate either the tanks or piping.

The soils in the base of the excavation were observed. A trace of hydrocarbons were noted at the fill end of the underground gas and diesel tanks: these hydrocarbon levels are typically

associated with minor overfills of the tanks. No other significant hydrocarbon odors were detected.

#### SAMPLING

Sampling was performed by Norman Hanson & Associates, Consulting Engineers. Sampling locations were determined in the field by the Madera County Department of Health. Samples were obtained using the backhoe bucket from the excavator.

At the diesel and gas tanks, the samples were selected from under the fill pipe. For underground gas and diesel tanks, the typically required sampling program is one sample per tank if the tanks are less than 6,000 gallons in size. All tanks were less than 6,000 gallons in size; therefore one sample per tank was obtained.

For under ground piping, samples are obtained only where the piping is located outside the tank excavation; all underground piping was located within the tank excavation. No samples were taken for the underground piping.

The depth of the sampling (sample #1) was 17 feet below the existing site grade at the diesel filler pipe. The depth of the sampling (sample #2) was 15 feet below the existing site grade at the gasoline filler pipe.

The samples were stored in clean mason jars. Samples were stored styrofoam containers with blue ice until delivered to the testing laboratory. See figure #3, Chain Of Custody.

#### TESTING

For diesel tanks, the Madera County Environmental Health Department typically requires the soil to be tested for total hydrocarbons. For gas tanks, the required testing is total hydrocarbons and benzene, toluene, xylene and ethylbenzene.

The analyses were performed by BSK and Associates, which is

certified by the State Department of Health Services for the procedures used.

#### CONCLUSIONS

The depth to groundwater at the site is approximately 169 feet from the existing site grade, according to the Madera Irrigation district. The district also states the annual rainfall since 1985 has been less than 10 inches. There are no unusual recharge features. The closest well is approximately 75 feet from the gas tanks.

According to general guidelines established by the State Water Resources Control Board in the Leaking Underground Fuel Tank (LUFT) manual, the following summarizes the general risk appraisal for the site:

1. The site does not lie in a mountainous area or in a moist area.
2. The site is flat. It would not collect surface runoff or intercept water from a source other than natural precipitation.
3. The area of soil contamination is effectively zero.
4. The fuel concentrations do not exceed 100 ppm benzene, 80 ppm toluene, 40 ppm xylene or 40 ppm ethylbenzene.
5. There are no man-made or natural objects which could provide a conduit for vertical migration of leachate.
6. No fractures, joints or faults were evidenced by the excavations.
7. There were no soil layers in excess of 5 feet thick which contained in excess of 75% sand and or gravel.
8. There is no contaminated soil within 5 feet of the groundwater table.

According to the LUFT Manual, typical action levels for fuels are determined. Table 2-1 from the manual is included rating this site for its level. Based on this table, no constituents were detected at levels which approached or exceeded the action

levels cited above. This is consistent with the observed condition of the tanks and excavation. We conclude that no remedial cleanup or investigation should be required. We recommend that the project be completed by backfilling with new soil, and the contaminated soil removed during excavation be spread in a thin layer on open ground to evaporate.

#### LIMITATIONS

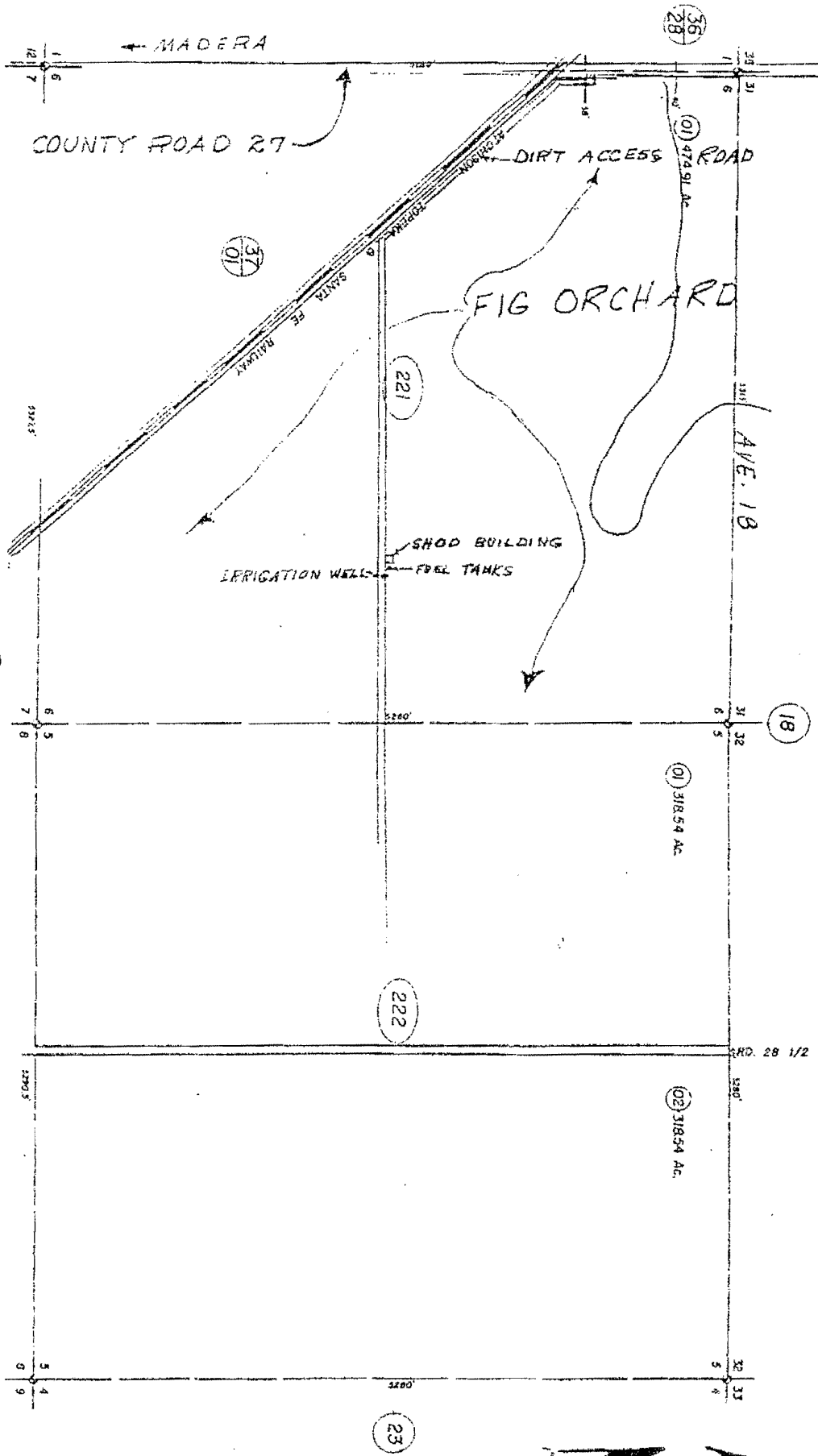
The findings and conclusions presented in this report are based upon the data obtained from observations made at the time of tank removal and tests performed at the locations shown in the site plan Figure #2. The report does not reflect variations which may exist between sampling points.

This report has been prepared in accordance with generally accepted engineering practice for the area, based upon guidelines of local jurisdictions. No warranties, either expressed or implied, are made.

SEC 6 8 5, T11 S, R 18 E

Tax Area Code: 61-004

31-22

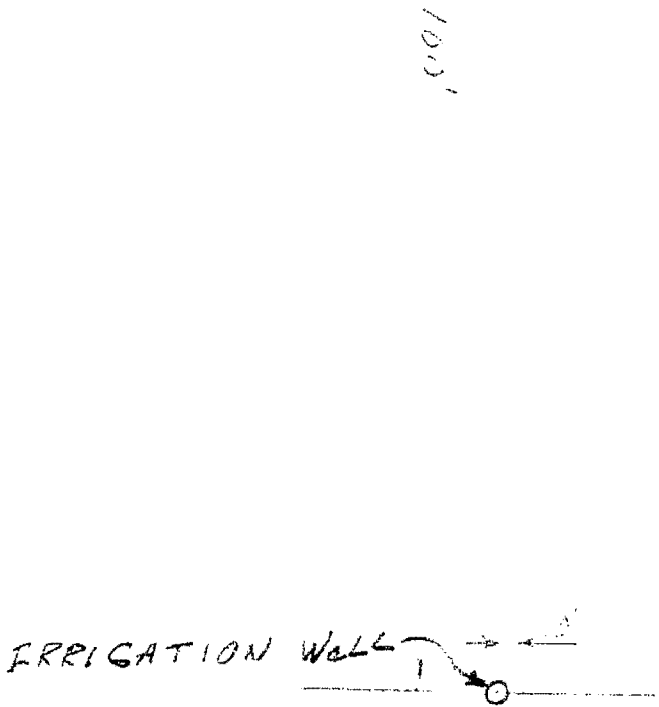
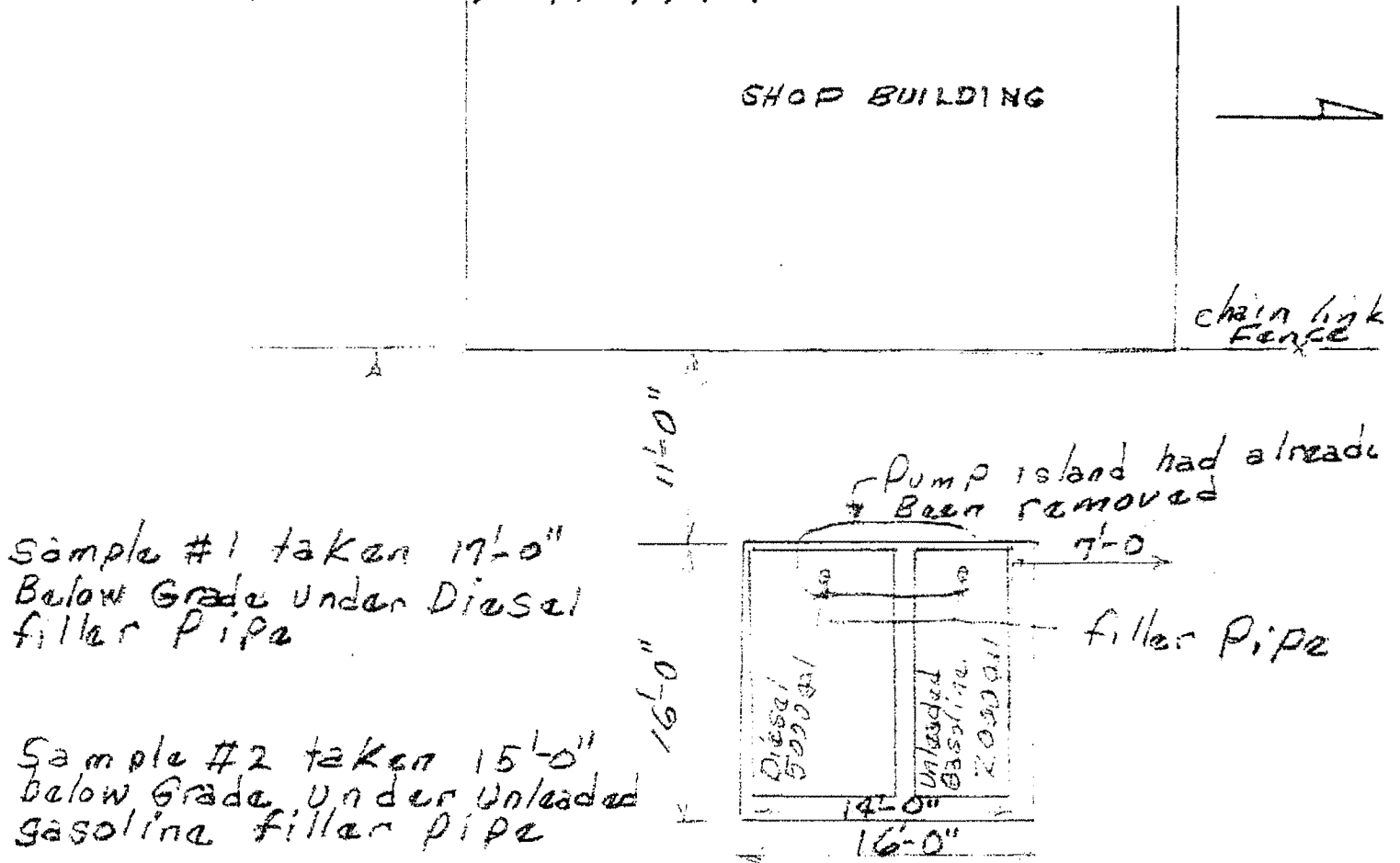


803471.01  
2-02-kmb

Assessor's Map No. 31-22  
Madera Outside  
Madera County, Calif.

LOCATION MAP

Tanks Removed by All America Tranching (Neil Healy)  
1501 Tollhouse #3, Clovis, Ca. 93612  
Telephone (209) 299-7229



SITE PLAN

FIGURE 2

# CHAIN OF CUSTODY

Circle K Ranch

Facility Name Da. Borelletto Farms Phone # 276-2300

Address Road 27 City MADERA

Collector's Name Norman A. Hanson Signature Norman A. Hanson Print Name NORMAN A. HANSON

Date Sampled 5/4/89 Time Sampled 11:00 <sup>9B</sup>

Transported By Norman A. Hanson Signature Norman A. Hanson Print Name NORMAN A. HANSON

Date Transported 5/4/89 Time Transported 11:15 <sup>9B</sup>

X Sample Received By Sub. Elmer Signature Sub. Elmer Print Name Sub. Elmer

X Sample received with madera county seal & signature Address  City  Signature Sub. Elmer

Date Sample Received  Time Sample Received

Collector's Sample No.	Laboratory Sample No.	Sample Description	Analysis Requested
1. <u>1</u>	<u></u>	<u>Oil</u>	<u>TPH TPH</u>
2. <u>2</u>	<u></u>	<u>Unlead</u>	<u>TPH &amp; BTEX/VH</u>
3. <u></u>	<u></u>	<u></u>	<u></u>
4. <u></u>	<u></u>	<u></u>	<u></u>
5. <u></u>	<u></u>	<u></u>	<u></u>
6. <u></u>	<u></u>	<u></u>	<u></u>

Chain of Possession

1. <u>Norman A. Hanson</u> Signature	<u>Norman Hanson &amp; Assoc. Inc.</u> Affiliation	<u>9/4/89</u> Inclusive Dates
2. X <u>Sub. Elmer</u> Signature	<u>BK</u> Affiliation	<u>5/4/89</u> Inclusive Dates
3. <u></u> Signature	<u></u> Affiliation	<u></u> Inclusive Dates
4. <u></u> Signature	<u></u> Affiliation	<u></u> Inclusive Dates

JACKIE BOUDAKIAN Madera County environmental health

Table 2-1  
Leaching Potential Analysis for Gasoline and Diesel  
Using Total Petroleum Hydrocarbons (TPH)  
and Benzene, Toluene, Xylene and Ethylbenzene (BTX&E)

The following table was designed to permit estimating the concentrations of TPH and BTX&E that can be left in place without threatening ground water. Three levels of TPH and BTX&E concentrations were derived (from modeling) for sites which fall into categories of low, medium or high leaching potential. To use the table, find the appropriate description for each of the features. Score each feature using the weighting system shown at the top of each column. Sum the points for each column and total them. Match the total points to the allowable BTX&E and TPH levels.

SITE FEATURE	S	SCORE	S	SCORE	S	SCORE
	C	10 PTS	C	9 PTS	C	5 PTS
	O	IF CON-	O	IF CON-	O	IF CON-
	R	DITION	R	DITION	R	DITION
	E	IS MET	E	IS MET	E	IS MET
Minimum Depth to Ground Water from the Soil Sample (feet)	10	>100		51-100		25-50\1
Fractures in subsurface (applies to foothills or mountain areas)	10	None		Unknown		Present
Average Annual Precipitation (inches)	10	<10		10-25		26-40\2
Man-made conduits which increase vertical migration of leachate	10	None		Unknown		Present
Unique site features: recharge area, coarse soil, nearby wells, etc		None	9	At least one		More than one
COLUMN TOTALS-TOTAL PTS	40	+	9	+	0	= 49
RANGE OF TOTAL POINTS	49pts or more		41 - 48 pts		40pts or less	
MAXIMUM ALLOWABLE B/T/X/E LEVELS (PPM)	1/50/50/50		.3/.3/1/1		NA\3	
MAXIMUM ALLOWABLE TPH LEVELS (PPM)	GASOLINE	1000		100		10
	DIESEL	10000		1000		100

- \1 If depth is greater than 5 ft. and less than 25 ft., score 0 points.  
If depth is 5 ft. or less, this table should not be used.
- \2 If precipitation is over 40 inches, score 0 points.
- \3 Levels for BTX&E are not applicable at a TPH concentration of 100ppm (gasoline) or 100ppm (diesel)



Norman Hanson & Associates  
 105 Berry Drive  
 Madera, CA 93657

Lab No. Ch891381-1

Report Date 5/15/89

Sample Type Soil

Date Sampled 5/4/89

Sample Description Sample #1

Date Received 5/4/89

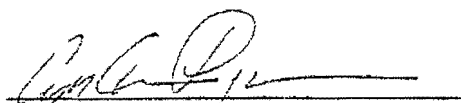
Diesel


Date of Analysis 5/5/89

Soil Analyses for TPH

Compound	Results (mg/kg)	Detection Limit (DLR)
Total Petroleum Hydrocarbons	ND	10

Method: TPH DHS GC/FID  
 ND-None Detected BDL-Below Detection Limit  
 DLR-Detection Limit for the Purposes of Reporting

  
 QA/QC Supervisor

  
 Organics Supervisor

# BSK & Associates Chemical Laboratories

1414 Stanislaus Street • Fresno, California 93706 • Telephone (209) 485-8310 • Fax (209) 485-7427

Norman Hanson & Associates  
105 Berry Drive  
Madera, CA 93657

Lab No. Ch891539

Report Date 5/25/89

Sample Type Soil

Date Sampled 5/4/89

Sample Description Sample 2

Date Received 5/4/89

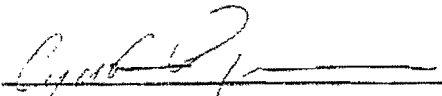
Unlead

Date of Analysis 5/18/89

Soil Analyses for BTXE and TVH

Compound	Results (mg/kg)	Detection Limit (DLR)
Benzene .....	ND	0.02
Toluene .....	0.37	0.02
Ethylbenzene .....	0.21	0.02
Total Xylene Isomers .....	2.6	0.02
Total Volatile Hydrocarbons	22	10.

Method: BTXE-EPA 802D TVH-EPA 8015M  
 ND-None Detected SDL-Below Detection Limit  
 DLR-Detection Limit For the Purposes of Reporting

  
 QA/QC Supervisor


  
 Organic Supervisor

FIGURE 6

# UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25160.7 OF THE HEALTH AND SAFETY CODE. SIGNED: <u>Janice L. Delaney</u> DATE: <u>8-7-90</u>		
REPORT DATE <u>8</u> M <u>07</u> D <u>19</u> Y		CASE # <u>20-10802</u>				
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT <u>Janice L. Delaney</u>		PHONE <u>209-675-7823</u>	SIGNATURE <u>Janice L. Delaney</u>		
	REPRESENTING <input checked="" type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME <u>Madera Co Env Health</u>			
	ADDRESS <u>135 W. Yosemite</u> <u>Madera</u> <u>CA</u> <u>93637</u>					
RESPONSIBLE PARTY	NAME <u>Debenedetto Farms</u> <input type="checkbox"/> UNKNOWN		CONTACT PERSON <u>Joe Comporato</u>		PHONE <u>(209) 276-2300</u>	
	ADDRESS <u>1547 N. Marks Ave.</u>		<u>Fresno</u>		<u>CA</u> <u>93722</u>	
SITE LOCATION	FACILITY NAME (IF APPLICABLE) <u>Circle K Ranch</u>		OPERATOR <u>Joe Comporato</u>		PHONE <u>(209) 276-2300</u>	
	ADDRESS <u>Road 27 at Santa Fe Railroad Tracks</u> <u>Madera</u> <u>Madera</u> <u>93638</u>					
	CROSS STREET <u>Rd 27</u>	TYPE OF AREA <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER		TYPE OF BUSINESS <input checked="" type="checkbox"/> FARM <input type="checkbox"/> OTHER		
IMPLEMENTING AGENCIES	LOCAL AGENCY <u>Madera Co. Env Hlth.</u>		AGENCY NAME		CONTACT PERSON <u>Janice L. Delaney</u>	
	REGIONAL BOARD <u>CV Regional Water Quality CB</u>				PHONE <u>(209) 445-6185</u>	
SUBSTANCES INVOLVED	(1) <u>Diesel</u>		NAME		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN	
	(2) <u>Regular Gasoline</u>				<input checked="" type="checkbox"/> UNKNOWN	
DISCOVERY/ABATEMENT	DATE DISCOVERED <u>015</u> M <u>03</u> D <u>1989</u> Y		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER			
	DATE DISCHARGE BEGAN M M D D Y Y <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER			
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE					
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN		TANKS ONLY/CAPACITY <u>5000 &amp; 3000</u> GAL.		MATERIAL <input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> OTHER	
	<input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		AGE _____ YRS <input checked="" type="checkbox"/> UNKNOWN		CAUSE(S) <input checked="" type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER	
CASE TYPE	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input checked="" type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
	CURRENT STATUS CHECK ONE ONLY <input type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input checked="" type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES					
REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)					
	<input type="checkbox"/> CAP SITE (CD) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT)					
COMMENTS	<u>Soil on top and sides of excavation were obviously contaminated</u>					
	<u>Soil was removed from side walls, top and bottom of excavation and spread for aeration. Samples</u>					

# BSK & Associates Chemical Laboratories

1414 Stanislaus Street \* Fresno, California 93706 \* Telephone (209) 485-8310 \* Fax (209) 485-7427

Norman Hanson & Associates  
105 Berry Drive  
Madera, CA 93637

Lab No. Ch892868-1  
Report Date 9/22/89

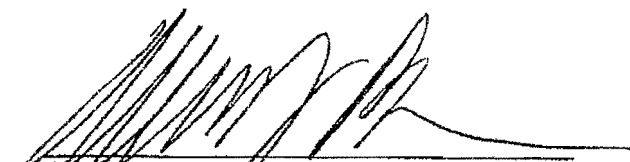
Sample Type Soil Date Sampled 9/11/89  
Sample Description gas & diesel Date Received 9/11/89  
Date of Analyses 9/19/89

Soil Analyses for BTXE and TPH

Compound	Results (mg/kg)	Detection Limit (DLR)
Benzene .....	ND	0.02
Toluene .....	0.09	0.02
Ethylbenzene .....	ND	0.02
Total Xylene Isomers .....	ND	0.02
Total Petroleum Hydrocarbons	14	10.

Method: BTXE-EPA 8020 TPH-DHS GC/FID  
ND-None Detected BDL-Below Detection Limit  
DLR-Detection Limit For the Purposes of Reporting

  
QA/QC Supervisor

  
Organics Supervisor

# BSK & Associates Chemical Laboratories

1414 Stanislaus Street · Fresno, California 93706 · Telephone (209) 485-8310 · Fax

Norman Hanson & Associates  
105 Berry Drive  
Madera, CA 93637

Lab No. Ch892868-2

Report Date 9/22/89

Sample Type Soil Date Sampled 9/11/89

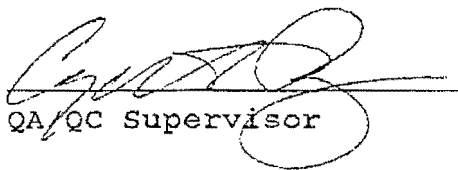
Sample Description gas & diesel Date Received 9/11/89

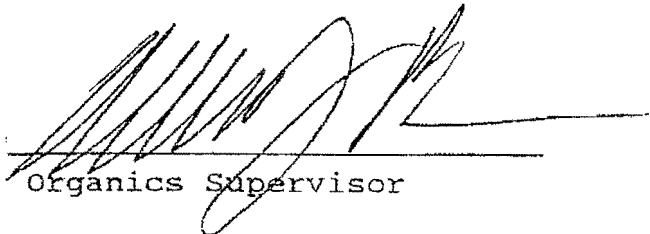
Date of Analyses 9/16/89

Soil Analyses for BTXE and TPH

Compound	Results (mg/kg)	Detection Limit (DLR)
Benzene .....	ND	0.02
Toluene .....	0.17	0.02
Ethylbenzene .....	ND	0.02
Total Xylene Isomers .....	ND	0.02
Total Petroleum Hydrocarbons	10	10.

Method: BTXE-EPA 8020 TPH-DHS GC/FID  
 ND-None Detected BDL-Below Detection Limit  
 DLR-Detection Limit For the Purposes of Reporting

  
QA/QC Supervisor

  
Organics Supervisor

# CHAIN OF CUSTODY

Facility Name DeBenedetto Farms Phone # \_\_\_\_\_

Address Rd 27 City Madera

X Collector's Name Norman A. Hanson Norman A. Hanson  
Signature Print Name Signature PS

Date Sampled 9.11.89 Time Sampled 9:15 am

X Transported By Norman A. Hanson Norman A. Hanson  
Signature Print Name Signature PS

Date Transported 9.11.89 Time Transported 9:30 am

① Sample Received By [Signature] [Signature]  
Signature Print Name

① Received w/ Madera Co. Seal  
 Address \_\_\_\_\_ City \_\_\_\_\_

Date Sample Received 9.11.89 Time Sample Received \_\_\_\_\_

Collector's Sample No.	Laboratory Sample No.	Sample Description	Analysis Requested
1. <u>1</u>	_____	<u>gas chromat</u>	<u>3020</u> <u>max 8015 diesel standard</u>
2. <u>2</u>	_____	<u>gas chromat</u>	<u>3020</u> <u>max 8015 diesel standard</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____

Chain of Possession

X 1. <u>[Signature]</u> <small>Signature</small>	_____	_____	_____
① 2. <u>[Signature]</u> <small>Signature</small>	<u>BSK</u>	_____	<u>09/11/89 1000</u>
3. _____ <small>Signature</small>	_____	_____	_____
4. _____ <small>Signature</small>	_____	_____	_____

**UNIFORM HAZARDOUS WASTE MANIFEST**

California US EPA ID No. **010117251010910**

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address <b>DEBENEDETTO FARMS 1547 N. MARKS AVE., FRESNO, ACA. 93722</b>		A. State Manifest Document Number <b>88537073</b>
4. Generator's Phone (209) 276-2300		B. State Generator's ID <b>EXEMPT</b>
5. Transporter 1 Company Name <b>A.A.T. VACUUM SERVICE</b>	8. US EPA ID Number <b>010117251010910</b>	C. State Transporter's ID <b>007288 005750</b>
7. Transporter 2 Company Name	8. US EPA ID Number	D. Transporter's Phone <b>(209) 299-7229</b>
9. Designated Facility Name and Site Address <b>GIBSON OIL &amp; REFINING CO. END OF COMMERCIAL ST. BAKERSFIELD, CA.</b>	10. US EPA ID Number <b>010117251010910</b>	E. State Transporter's ID
		F. Transporter's Phone
		G. State Facility's ID <b>010117251010910</b>
		H. Facility's Phone <b>(805) 324-0140</b>

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
	No	Type			
a. "CALIFORNIA REGULATED WASTE ONLY"	0101	TITANIC	G		State XX 221 EPA/Other None
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above	K. Handling Codes for Wastes Listed Above
1.) UGST RINSATE	a. <b>01</b>
2.) GIBSON OIL RELEASE # <b>18377-5</b> <i>changed to #9139-5 per Sue</i>	b.
	c.
	d.

15. Special Handling Instructions and Additional Information

1.) SITE ADDRESS: CIRCLE K RANCH, AVE. 27, MADERA, CA.

2.) WEAR GLOVES, GOGGLES AND PROTECTIVE CLOTHING.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. (If I am a small quantity generator, I am not required to have a waste management program in place.)

Printed/Typed Name <b>DEBENEDETTO, M.</b>	Signature <i>[Signature]</i>	Month Day Year <b>10/19/01</b>
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Printed/Typed Name <b>[Name]</b>	Signature <i>[Signature]</i>	Month Day Year <b>[Date]</b>
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Printed/Typed Name <b>[Name]</b>	Signature <i>[Signature]</i>	Month Day Year <b>[Date]</b>
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Printed/Typed Name <b>[Name]</b>	Signature <i>[Signature]</i>	Month Day Year <b>[Date]</b>
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Printed/Typed Name <b>[Name]</b>	Signature <i>[Signature]</i>	Month Day Year <b>[Date]</b>
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IN THE EVENT OF A SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802 WITHIN CALIFORNIA CALL 1-800-852-7550

Madera County Environmental Health  
135 W. Yosemite Ave  
Madera, Ca. 93637  
(209) 675-7823

James C. Bianton, Acting  
Director Environmental  
Health Department

UST OFFICIAL INSPECTION REPORT

- Removal
- Closure in Place
- Temporary Closure

Permit No. 20-10802  
Effective Date 5-2-89

Site Location 27th St, Madera D.B.A. \_\_\_\_\_  
Owner of Facility James L. Raven Phone \_\_\_\_\_  
Contact Person Maria DeBenedictis Phone 776-2300

FIELD INSPECTION

A. Product Removal: Date 5-3-89 Amount 500 gal Disposition \_\_\_\_\_  
Comments: Removed to Gibson oil Recycling

B. Tank Vapors Purged: Yes  No  Amt. of Dry Ice 100 (lbs)  
Comments: 15 lbs/dry ice

C. Condition of Tank: Observable Problems Yes  No   
If yes, describe: \_\_\_\_\_

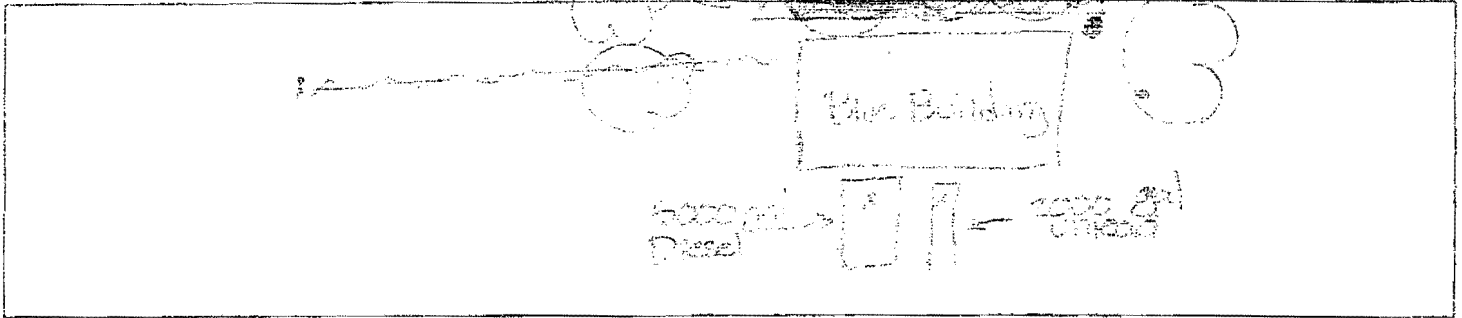
D. Soil samples requested: Yes  No  Number requested 2  
Types of samples taken: Draeger Tube \_\_\_\_\_ Laboratory X Other \_\_\_\_\_  
Samples taken from top of tank location  
west end of tank location

Sample secured by Norman Johnson Iced: Yes  No   
Lab sample number \_\_\_\_\_

Draeger test results:  <10 ppm hydrocarbons  >10 ppm hydrocarbons  
(If draeger tests show soil contamination > 10 ppm, refer case to Director)



E. Plot Plan



In the above area, sketch a picture of the tank(s) and piping that were suspect and place an "X" to show the location(s) of soil and/or water sampling beneath said tank(s) and piping.

F. Closure in Place

Tank filled with Inert Solid Yes  No  Other \_\_\_\_\_

If yes, Composition \_\_\_\_\_ Date \_\_\_\_\_ Quantity \_\_\_\_\_

Soil samples requested Yes  No  Soil sampling waived

If sampling waived, state reasons: \_\_\_\_\_

G. Temporary Closure

Tank Filled with noncorrosive liquid Yes  No  Date \_\_\_\_\_

Fill and access locations and piping sealed Yes  No

Power service disconnected from pumps Yes  No

H. Other Site-Specific Information

Observable water wells located within 100 feet of tank site Y  N   
location: \_\_\_\_\_

Soil profile beneath excavated tank: Soil had an air-pore at the road access to the building. Soil was a mixture of sand, silt and clay layers.

Was high groundwater encountered? Y  N  Depth \_\_\_\_\_ (ft)

Comments: Soil around tanks was removed and discarded using hand-dug close to a trench. Checked for air and found air to be present. Soil will be spread and covered on site (through by exhaust).

INSPECTOR James Deane DATE 5/11/89

DOCUMENTATION OF DISPOSAL OF RESIDUAL LIQUIDS, UNDERGROUND TANKS & PIPING

Facility Name: W. B. Anderson (owner) Pacific of Idaho Phone: (204) 770-2300  
 Address: Box 27 City/State: Idaho

Tanks Removed:	Size	Product Stored	Date Removed
1.	<u>2,000</u>	<u>Gals. CASOLINE</u>	<u>5-4-89</u>
2.	<u>5,000</u>	<u>Gals. DIESEL</u>	<u>5-4-89</u>
3.		Gals.	
4.		Gals.	
5.		Gals.	

RESIDUAL LIQUIDS DISPOSED OF AT:

Name: Anderson Co. & M. Address: Box 27 City: Idaho  
 Hazardous Waste Facility? (  ) YES (  ) NO

\*Attach copy of manifest and/or receipt from disposal location.

TANKS DISPOSED OF AT:

Name: \_\_\_\_\_ Address: \_\_\_\_\_ City: \_\_\_\_\_  
 Hazardous Waste Facility? (  ) YES (  ) NO

\*Attach copy of manifest and/or receipt from disposal location.

TANKS SOLD: (  ) YES (  ) NO TO BE REUSED MORE LATER ON SAME FACILITY

New owner: \_\_\_\_\_ Address: \_\_\_\_\_ City: \_\_\_\_\_

Nature of reuse of tanks to store grain for fertilizer if no leaks

SIGNATURE: M. Anderson Jan. 12, 1989 DATE: 5-2-89

Please return to: Janice L. Delaney, R.S.  
 Madera Co. Environmental Health  
 135 W. Yosemite  
 Madera, Ca. 93637

# MADERA COUNTY

## ENVIRONMENTAL HEALTH DEPARTMENT

JAMES C. BLANTON, Acting  
Director Environmental Health

• 135 WEST YOSEMITE AVENUE  
• MADERA, CALIFORNIA 93537  
• (209) 675-7823

PERMIT FOR TEMPORARY OR PERMANENT  
CLOSURE/ABANDONMENT/REMOVAL OF UNDERGROUND  
HAZARDOUS SUBSTANCES STORAGE TANK

PERMIT# 20-10802

Facility Name and Address

Owners Name and Mailing Address

De Benedetto Farms  
Circle K Ranch, Rd. 27  
Madera, CA

De Benedetto Farms  
1547 Marks Ave  
Fresno, CA 93722

Permit to Abandon/Close or Remove

Effective Date 5-3-89

2 tanks at above location.

Expiration Date 7-3-89

Approved by Jackie Boudakian

.....POST THIS PERMIT ON PREMISES.....

General Permit Conditions:

1. Permittee must obtain a permit from the Madera County Engineering Dept. if the tank(s) are to be relocated above ground.
2. Abandonment must be per approved methods as described in Article 7, Sections 2670, 2671, or 2672 of the California Underground Storage Tank Regulations.
3. Prior to closure, the permittee shall contact this office at least 24 hours in advance for inspection.
4. If soil sample(s) are retrieved from beneath the tank(s), all samples must be analyzed for all constituents of the previously stored hazardous substances.
5. Advise this office of time and date of proposed sampling with 24 hours advance notice.

REMARKS: Tanks to be triple-rinsed and vapors to  
be purged.

Accepted By: \_\_\_\_\_

(applicant's signature)

Date: 5-3-89



FORM 'A':  
SITE

UNDERGROUND STORAGE TANK PROGRAM  
FACILITY/SITE, INFORMATION and/or PERMIT APPLICATION  
COMPLETE THIS FORM FOR EACH FACILITY/SITE

№ 14659

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input checked="" type="checkbox"/> 7 PERMANENTLY CLOSED SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY SITE CLOSURE	

I. FACILITY/SITE INFORMATION & ADDRESS -- (MUST BE COMPLETED)

FACILITY/SITE NAME <i>DEBENEDETTO FARMS CIRCLE "K" ROAD</i>		CARE OF ADDRESS INFORMATION <i>1547 N. MARKS RD. FRESNO</i>		
ADDRESS <i>ROAD 27 W SPRR TRACKS</i>		NEAREST CROSS STREET <i>RD 27</i>	<input checked="" type="checkbox"/> Box to indicate CORPORATION <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> STATE AGENCY <input type="checkbox"/> FEDERAL AGENCY	
CITY NAME <i>Madera, Ca</i>		STATE <b>CA</b>	ZIP CODE	SITE PHONE #, WITH AREA CODE
TYPE OF BUSINESS: <input type="checkbox"/> 1 GAS STATION <input checked="" type="checkbox"/> 2 DISTRIBUTOR <input checked="" type="checkbox"/> 3 FARM <input type="checkbox"/> 4 PROCESSOR <input type="checkbox"/> 5 OTHER		<input checked="" type="checkbox"/> Box if INDIAN RESERVATION or TRUST LANDS <input type="checkbox"/>		EPA ID #  # of TANK's AT THIS SITE <i>2</i>
EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY)		
DAYS: NAME (LAST, FIRST) <i>Joe Comorato</i>		PHONE # WITH AREA CODE <i>(209) 276-2300</i>		DAYS: NAME (LAST, FIRST) <i>SAME</i>
NIGHTS: NAME (LAST, FIRST) <i>SAME</i>		PHONE # WITH AREA CODE		NIGHTS: NAME (LAST, FIRST) <i>SAME</i>

II. PROPERTY OWNER INFORMATION & ADDRESS -- (MUST BE COMPLETED)

NAME <i>DEBENEDETTO FARMS</i>		CARE OF ADDRESS INFORMATION		
MAILING or STREET ADDRESS <i>1547 N. MARKS RD.</i>		<input checked="" type="checkbox"/> Box to indicate CORPORATION <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> STATE AGENCY <input type="checkbox"/> FEDERAL AGENCY		
CITY NAME <i>FRESNO, CA.</i>		STATE	ZIP CODE <i>93722</i>	PHONE #, WITH AREA CODE <i>(209) 276-2300</i>

III. TANK OWNER INFORMATION & ADDRESS -- (MUST BE COMPLETED)

NAME <i>SAME AS ABOVE</i>		CARE OF ADDRESS INFORMATION		
MAILING or STREET ADDRESS <i>" " "</i>		<input checked="" type="checkbox"/> Box to indicate CORPORATION <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> STATE AGENCY <input type="checkbox"/> FEDERAL AGENCY		
CITY NAME <i>" " "</i>		STATE	ZIP CODE	PHONE #, WITH AREA CODE

IV. LEGAL NOTIFICATION AND BILLING ADDRESS

CHECK ONE (1) BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR BOTH LEGAL NOTIFICATION AND BILLING: I.  II.  III.

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE) <i>NEIL HEELY FOR DEBENEDETTO FARMS</i>	DATE <i>5-3-89</i>
---	-----------------------

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	# of TANKS at SITE
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
CURRENT LOCAL AGENCY FACILITY ID #		APPROVED BY NAME		PHONE # WITH AREA CODE
<input type="text"/>		<input type="text"/>		<input type="text"/>
PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE		
<input type="text"/>	<input type="text"/>	<input type="text"/>		
LOCATION CODE	CENSUS TRACT #	SUPERVISOR-DISTRICT CODE	BUSINESS PLAN FILED YES <input type="checkbox"/> NO <input type="checkbox"/>	DATE FILED
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
CHECK #	PERMIT AMOUNT	SURCHARGE AMOUNT	FEE CODE	RECEIPT # BY:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE TANK PERMIT FORM 'B' APPLICATION(S), UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.



FORM 'B':  
TANK

UNDERGROUND STORAGE TANK PROGRAM  
TANK PERMIT APPLICATION INFORMATION  
COMPLETE A SEPARATE FORM WITH THE FOLLOWING INFORMATION FOR EACH TANK.

No 28725

<b>MARK ONLY ONE ITEM</b>	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED TANK
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

FACILITY/SITE NAME WHERE TANK IS INSTALLED: Circle "K" Ranch FARM TANK - YES  NO

I. TANK DESCRIPTION COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

A. OWNERS TANK ID #	B. MANUFACTURED BY: <u>Unit</u>
C. YEAR INSTALLED: <u>1984</u>	D. TANK CAPACITY IN GALLONS: <u>2K/5K</u>

II. TANK CONTENTS IF (A.1), IS MARKED, COMPLETE ITEM C. IF (A.1), IS NOT MARKED, COMPLETE ITEM D.

A. <input checked="" type="checkbox"/> 1 MOTOR VEHICLE FUEL <input checked="" type="checkbox"/> 2 PETROLEUM <input type="checkbox"/> 3 CHEMICAL PRODUCT <input type="checkbox"/> 4 OIL <input type="checkbox"/> 5 HAZARDOUS <input type="checkbox"/> 80 EMPTY <input type="checkbox"/> 95 UNKNOWN	B. <input checked="" type="checkbox"/> 1 PRODUCT <input type="checkbox"/> 2 WASTE	C. <input checked="" type="checkbox"/> 1 UNLEADED <input type="checkbox"/> 2 LEADED <input checked="" type="checkbox"/> 3 DIESEL <input type="checkbox"/> 4 GASAHOL <input type="checkbox"/> 5 JET FUEL <input type="checkbox"/> 6 AVIATION GAS <input type="checkbox"/> 7 METHANOL <input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D, BELOW)
D. IF NOT MOTOR VEHICLE FUEL, ENTER NAME OF HAZARDOUS SUBSTANCE STORED & C.A.S. #		C.A.S. #:

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOX A, B, C, & D

A. TYPE OF SYSTEM <input type="checkbox"/> 1 DOUBLE WALLED <input type="checkbox"/> 3 SINGLE WALLED WITH EXTERIOR LINER <input type="checkbox"/> 95 UNKNOWN <input checked="" type="checkbox"/> 2 SINGLE WALLED <input type="checkbox"/> 4 SECONDARY CONTAINMENT <input type="checkbox"/> 99 OTHER	B. TANK MATERIAL <input checked="" type="checkbox"/> 1 STEEL/IRON <input type="checkbox"/> 2 STAINLESS STEEL <input type="checkbox"/> 3 FIBERGLASS <input type="checkbox"/> 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC <input type="checkbox"/> 5 CONCRETE <input type="checkbox"/> 6 POLYVINYL CHLORIDE <input type="checkbox"/> 7 ALUMINUM <input type="checkbox"/> 8 100% METHANOL COMPATIBLE FRP <input type="checkbox"/> 9 BRONZE <input type="checkbox"/> 10 GALVANIZED STEEL <input type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 99 OTHER	C. INTERIOR LINING <input type="checkbox"/> 1 RUBBER LINED <input type="checkbox"/> 2 ALKYD LINING <input type="checkbox"/> 3 EPOXY LINING <input type="checkbox"/> 4 PHENOLIC LINING <input type="checkbox"/> 5 GLASS LINING <input checked="" type="checkbox"/> 6 UNLINED <input type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 99 OTHER
D. CORROSION PROTECTION <input type="checkbox"/> 1 POLYETHYLENE WRAP <input type="checkbox"/> 2 TAR OR ASPHALT <input type="checkbox"/> 3 VINYL WRAP <input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC <input type="checkbox"/> 5 CATHODIC PROTECTION <input checked="" type="checkbox"/> 91 NONE <input type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 99 OTHER		

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND, U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	<input checked="" type="checkbox"/> A U 1 SUCTION	<input type="checkbox"/> A U 2 PRESSURE	<input type="checkbox"/> A U 3 GRAVITY	<input type="checkbox"/> A U 91 NONE	<input type="checkbox"/> A U 95 UNKNOWN	<input type="checkbox"/> A U 99 OTHER
B. CONSTRUCTION	<input checked="" type="checkbox"/> A U 1 SINGLE WALLED	<input type="checkbox"/> A U 2 DOUBLE WALLED	<input type="checkbox"/> A U 3 LINED TRENCH	<input type="checkbox"/> A U 91 NONE	<input type="checkbox"/> A U 95 UNKNOWN	<input type="checkbox"/> A U 99 OTHER
C. MATERIAL	<input checked="" type="checkbox"/> A U 1 STEEL/IRON	<input type="checkbox"/> A U 2 STAINLESS STEEL	<input type="checkbox"/> A U 3 POLYVINYL CHLORIDE (PVC)	<input type="checkbox"/> A U 4 FIBERGLASS PIPE	<input type="checkbox"/> A U 91 NONE	
	<input type="checkbox"/> A U 5 ALUMINUM	<input type="checkbox"/> A U 6 CONCRETE	<input type="checkbox"/> A U 7 STEEL CLAD W/FRP	<input type="checkbox"/> A U 8 100% METHANOL COMPATIBLE FRP		
	<input type="checkbox"/> A U 9 GALVANIZED STEEL	<input type="checkbox"/> A U 95 UNKNOWN	<input type="checkbox"/> A U 99 OTHER			

V. LEAK DETECTION SYSTEM CIRCLE P FOR PRIMARY, OR S FOR SECONDARY, A PRIMARY LEAK DETECTION SYSTEM MUST BE CIRCLED.

<input type="checkbox"/> P S 1 VISUAL CHECK	<input type="checkbox"/> P S 2 INVENTORY RECONCILIATION	<input type="checkbox"/> P S 3 VADOSE WELLS	<input type="checkbox"/> P S 4 ELECTRONIC MONITOR	<input type="checkbox"/> P S 5 GROUND WATER MONITORING WELLS
<input type="checkbox"/> P S 6 PRECISION TESTING	<input type="checkbox"/> P S 7 PRESSURE TESTING	<input checked="" type="checkbox"/> P S 91 NONE	<input type="checkbox"/> P S 95 UNKNOWN	<input type="checkbox"/> P S 99 OTHER

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED (MO/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING IN GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? <input type="checkbox"/> YES <input type="checkbox"/> NO
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THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE) <u>Neil Kelly For DeBenedetto Farms</u>	DATE <u>5-3-89</u>
---	-----------------------

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	TANK ID #
CURRENT LOCAL AGENCY FACILITY ID #			APPROVED BY NAME	PHONE # WITH AREA CODE
PERMIT NUMBER		PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE	
CHECK #	PERMIT AMOUNT	SURCHARGE AMT.	FEE CODE	RECEIPT #



FORM 'B': TANK

UNDERGROUND STORAGE TANK PROGRAM TANK PERMIT APPLICATION INFORMATION

COMPLETE A SEPARATE FORM WITH THE FOLLOWING INFORMATION FOR EACH TANK.

NO 28725

MARK ONLY ONE ITEM: 1 NEW PERMIT, 2 INTERIM PERMIT, 3 RENEWAL PERMIT, 4 AMENDED PERMIT, 5 CHANGE OF INFORMATION, 6 TEMPORARY TANK CLOSURE, 7 PERMANENTLY CLOSED TANK, 8 TANK REMOVED

FACILITY/SITE NAME WHERE TANK IS INSTALLED: Circle "K" Ranch FARM TANK - YES [X] NO [ ]

TANK DESCRIPTION COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

A. OWNERS TANK ID # B. MANUFACTURED BY: C. YEAR INSTALLED: 1984 D. TANK CAPACITY IN GALLONS: 2K/5K

I. TANK CONTENTS IF (A.1), IS MARKED, COMPLETE ITEM C. IF (A.1), IS NOT MARKED, COMPLETE ITEM D.

A. 1 MOTOR VEHICLE FUEL, 2 PETROLEUM, 3 CHEMICAL PRODUCT, 4 OIL, 5 HAZARDOUS, 80 EMPTY, 95 UNKNOWN, B. 1 PRODUCT, 2 WASTE, C. 1 UNLEADED, 2 LEADED, 3 DIESEL, 4 GASAHOL, 5 JET FUEL, 6 AVIATION GAS, 7 METHANOL, 99 OTHER, D. IF NOT MOTOR VEHICLE FUEL, ENTER NAME OF HAZARDOUS SUBSTANCE STORED & C.A.S. #

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOX A, B, C, & D

A. TYPE OF SYSTEM: 1 DOUBLE WALLED, 2 SINGLE WALLED, 3 SINGLE WALLED WITH EXTERIOR LINER, 4 SECONDARY CONTAINMENT, 95 UNKNOWN, 99 OTHER; B. TANK MATERIAL: 1 STEEL/IRON, 2 STAINLESS STEEL, 3 FIBERGLASS, 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC, 5 CONCRETE, 6 POLYVINYL CHLORIDE, 7 ALUMINUM, 8 100% METHANOL COMPATIBLE FRP, 9 BRONZE, 10 GALVANIZED STEEL, 95 UNKNOWN, 99 OTHER; C. INTERIOR LINING: 1 RUBBER LINED, 2 ALKYD LINING, 3 EPOXY LINING, 4 PHENOLIC LINING, 5 GLASS LINING, 6 UNLINED, 95 UNKNOWN, 99 OTHER; IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES [ ] NO [ ]; D. CORROSION PROTECTION: 1 POLYETHYLENE WRAP, 2 TAR OR ASPHALT, 3 VINYL WRAP, 4 FIBERGLASS REINFORCED PLASTIC, 5 CATHODIC PROTECTION, 91 NONE, 95 UNKNOWN, 99 OTHER

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND, U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION, A U 2 PRESSURE, A U 3 GRAVITY, A U 91 NONE, A U 95 UNKNOWN, A U 99 OTHER; B. CONSTRUCTION: A U 1 SINGLE WALLED, A U 2 DOUBLE WALLED, A U 3 LINED TRENCH, A U 91 NONE, A U 95 UNKNOWN, A U 99 OTHER; C. MATERIAL: A U 1 STEEL/IRON, A U 2 STAINLESS STEEL, A U 3 POLYVINYL CHLORIDE (PVC), A U 4 FIBERGLASS PIPE, A U 5 ALUMINUM, A U 6 CONCRETE, A U 7 STEEL CLAD W/FRP, A U 8 100% METHANOL COMPATIBLE FRP, A U 9 GALVANIZED STEEL, A U 95 UNKNOWN, A U 99 OTHER

V. LEAK DETECTION SYSTEM CIRCLE P FOR PRIMARY, OR S FOR SECONDARY, A PRIMARY LEAK DETECTION SYSTEM MUST BE CIRCLED.

P S 1 VISUAL CHECK, P S 2 INVENTORY RECONCILIATION, P S 3 VADOSE WELLS, P S 4 ELECTRONIC MONITOR, P S 5 GROUND WATER MONITORING WELLS, P S 6 PRECISION TESTING, P S 7 PRESSURE TESTING, P S 91 NONE, P S 95 UNKNOWN, P S 99 OTHER

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED (MO/YR); 2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING IN GALLONS; 3. WAS TANK FILLED WITH INERT MATERIAL? YES [ ] NO [ ]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE): NEIL HEBBY FOR DEBENEDER FARMS DATE: 5-3-89

LOCAL AGENCY USE ONLY

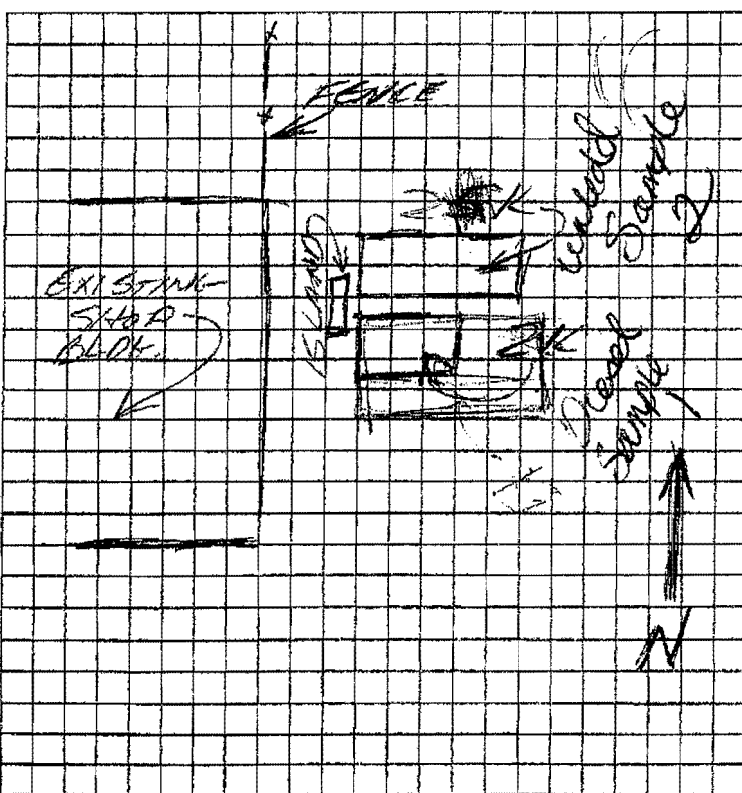
COUNTY #, JURISDICTION #, AGENCY #, FACILITY ID #, TANK ID #, CURRENT LOCAL AGENCY FACILITY ID #, APPROVED BY NAME, PHONE # WITH AREA CODE, PERMIT NUMBER, PERMIT APPROVAL DATE, PERMIT EXPIRATION DATE

UNDERGROUND STORAGE TANK PERMIT APPLICATION

To operate, install, monitor, close, repair, or modify an underground storage tank.

Section I	Section II
Application Date <u>5-3-89</u>	No. of Tanks
Facility Name/Location <u>DE BENEDETTO FARMS</u> <u>CIRCLE K RANCH ROAD 27 MADERA, CALIF.</u>	( ) Operating Permit _____
Phone No. _____	( ) Permit Renewal/Application _____
Owner <u>DE BENEDETTO FARMS</u>	( ) Tank(s) Installation * _____
Address <u>1547 N. MARKS AVE.</u> <u>FRESNO, CA. 93722</u>	<input checked="" type="checkbox"/> Tank(s) Closure * <u>2</u>
Phone No. <u>(209) 276-2300</u>	( ) Temporary _____
Operator <u>SAME AS ABOVE</u>	<input checked="" type="checkbox"/> Permanent _____
Address _____	( ) In Place _____
Phone No. _____	<input checked="" type="checkbox"/> Removal _____
Contractor <u>ALL AMERICA TRENCHING</u>	( ) Tank(s) Repair * _____
Contractor's License # <u>A 319642</u>	( ) Modification * _____
Signature <u>[Signature]</u>	( ) Tank _____
	( ) Piping _____
	( ) Monitoring _____
	*SUBMIT DETAILED SET OF PLANS

Section III  
 DRAW PLOT PLAN (Show location of tank(s) in proximity to structures, wells, property lines, streets, etc. Include direction arrow and approximate distances.)



Section IV  
 FOR OFFICE USE ONLY  
 FEES

Surcharge (State)	\$56/tank/5 yrs.	_____
Operating Permit		
New	\$50/tank/yr	_____
Renewed	\$50/tank/yr	_____
Amended	\$50/tank/yr	_____
Installation	\$90/facility	_____
Closure	\$60/facility	<u>60</u>
Repair	\$30/facility	_____
Modification	\$30/facility	_____
Total		<u>60.00</u>

INSPECTIONS  
 Signature/Date \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_

Comments: Soil around tanks (top & side) was dirty (odor) - Side wall by pumps (nearest building) was dirty. took samples at approx. 4' and tanks (west end of tanks) cleaned inside wall & loose dirt

calls to verify aeration or removal  
(haul)

Samples taken to BSK Lab.

Soil to be aerated on road  
throughout fig orchards.

\* Janes appear to be in good  
condition. If they are, owner  
will use as above ground fertilizer  
Storage.

ACCOUNTING

OFFICIAL RECEIPT  
COUNTY OF MADERA, CALIFORNIA

10802

May 3 19 89 NO. \_\_\_\_\_

Received from all remaining items

On behalf of California State

The sum of Eighty Seven and 00/100 \$ 87.00

For to be done

FUND: General  Trust

Other Paul Heath

Signed [Signature]  
Collector

Check # 4617



# MADERA COUNTY

## ENVIRONMENTAL HEALTH DEPARTMENT

DAVID W. FISHEL, R.S., M.P.H., Director

• 135 WEST YOSEMITE AVENUE  
• MADERA, CALIFORNIA 93637  
• (209) 675-7823

DeBenedetto Farms, Circle K Ranch  
1647 Marks Ave  
Fresno, CA 93722

Re: 2,000 gal , 5,000 gal Underground Storage Tank

The above referenced underground storage tank(s) located at

Circle K Ranch, Road 27, Madera, CA  
were inspected for the purpose indicated below and found to be in compliance with the Underground Storage Tank Regulations (CAC, Title 23, Chapter 3, Subchapter 16) prescribed by California State Water Resources Control Board.

Routine Inspection	
Installation	
Closure - Abandonment in Place	
Closure - Removal	✓
Repair - Tank	
Modification - Tank, Piping, Monitoring	

Date: 10-2-89

Comments:

Leak test is now  
clear. Site closed.

Inspector: Aloudakis





**APPENDIX D**

**HISTORICAL AERIAL PHOTOGRAPHS  
AND TOPOGRAPHIC MAPS**



# **EDR Historical Topographic Map Report**

**Madera-Herman  
Lake Street/Avenue 18  
Madera, CA 93638**

**Inquiry Number: 1813169.4**

**December 11, 2006**



**EDR® Environmental  
Data Resources Inc**

## **The Standard in Environmental Risk Management Information**

**440 Wheelers Farms Rd  
Milford, Connecticut 06461**

### **Nationwide Customer Service**

**Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)**

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

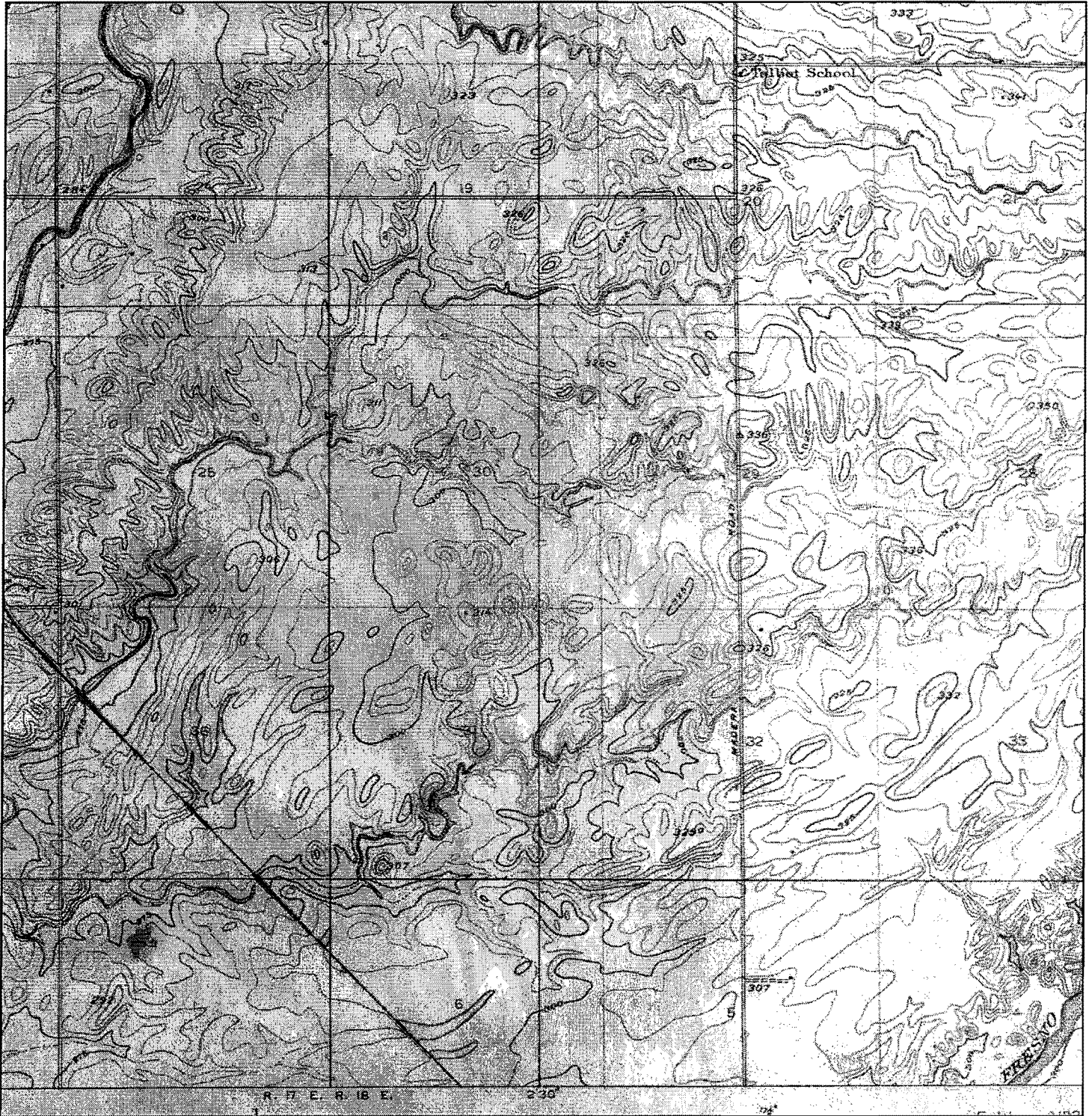
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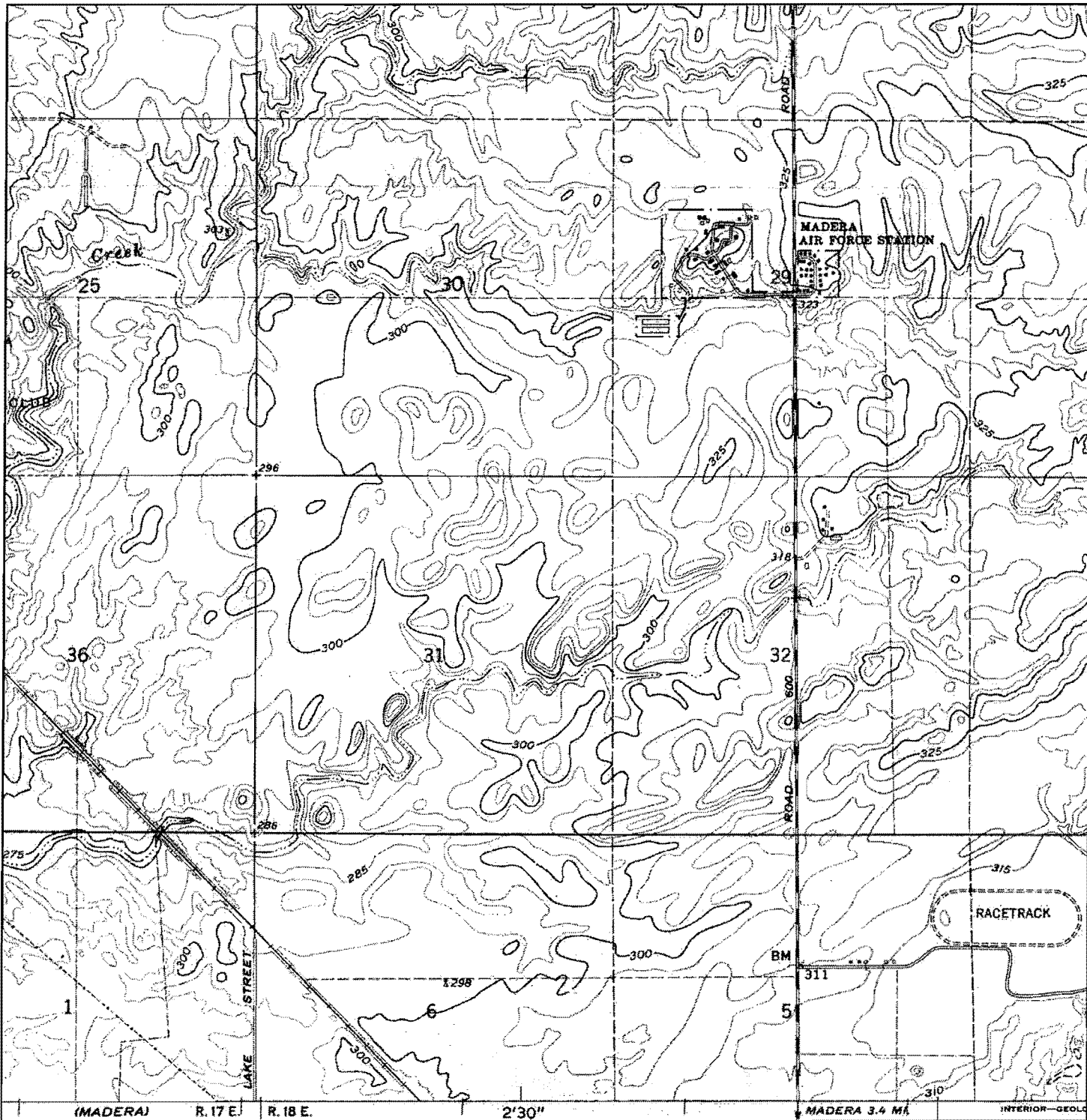
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# Historical Topographic Map



<b>N</b> ↑	TARGET QUAD NAME: KISMET MAP YEAR: 1920	SITE NAME: Madera-Herman ADDRESS: Lake Street/Avenue 18 Madera, CA 93638 LAT/LONG: 37.0035 / 120.0408	CLIENT: Belinda P Blackie, PE, REA CONTACT: Belinda Blackie INQUIRY#: 1813169.4 RESEARCH DATE: 12/11/2006
	SERIES: 7.5 SCALE: 1:31680		

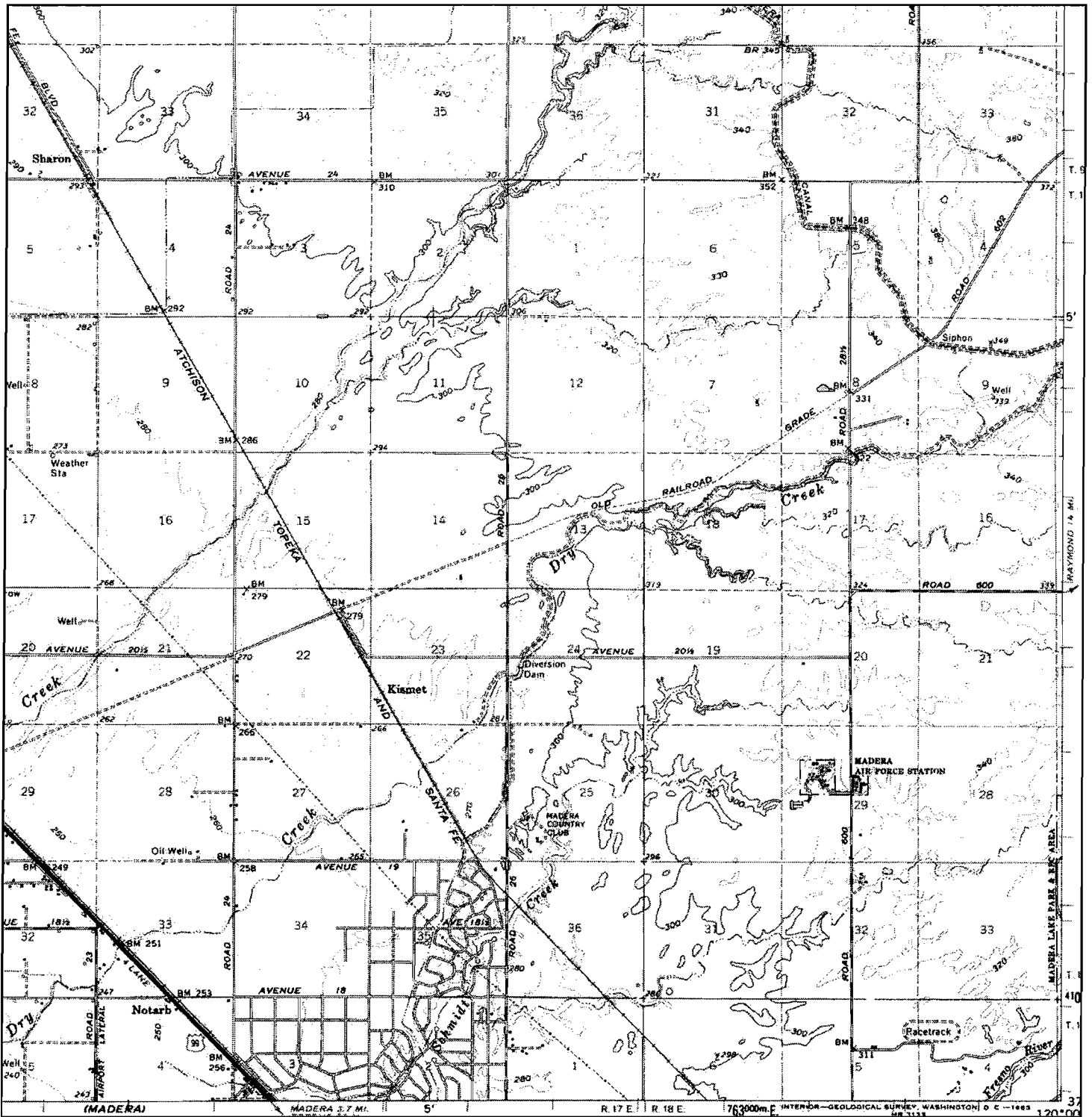
# Historical Topographic Map



<b>N</b> 	<b>TARGET QUAD</b> NAME: KISMET MAP YEAR: 1961	<b>SITE NAME:</b> Madera-Herman <b>ADDRESS:</b> Lake Street/Avenue 18 Madera, CA 93638	<b>CLIENT:</b> Belinda P Blackie, PE, REA <b>CONTACT:</b> Belinda Blackie <b>INQUIRY#:</b> 1813169.4
	SERIES: 7.5 SCALE: 1:24000	<b>LAT/LONG:</b> 37.0035 / 120.0408	<b>RESEARCH DATE:</b> 12/11/2006

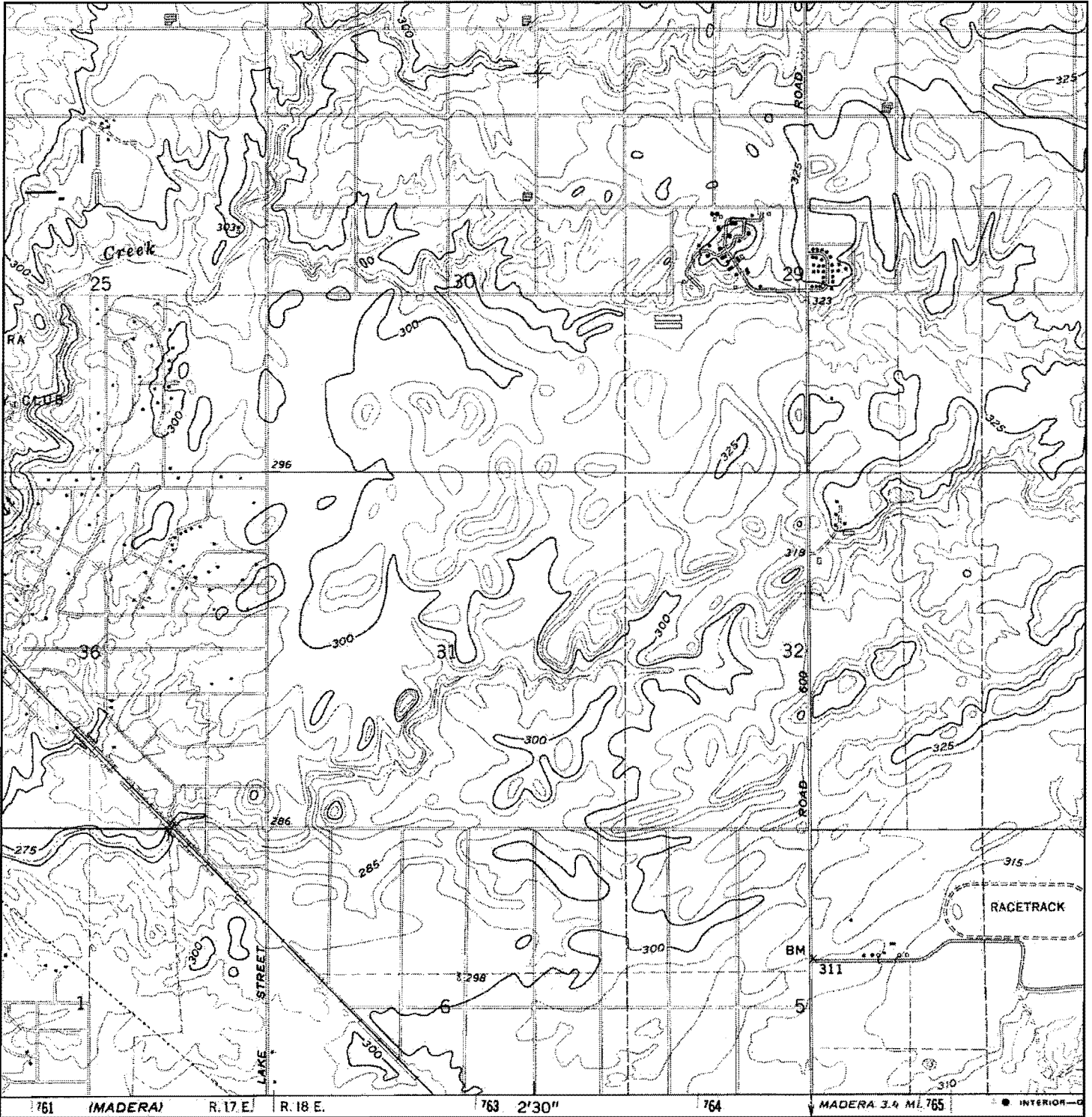


# Historical Topographic Map



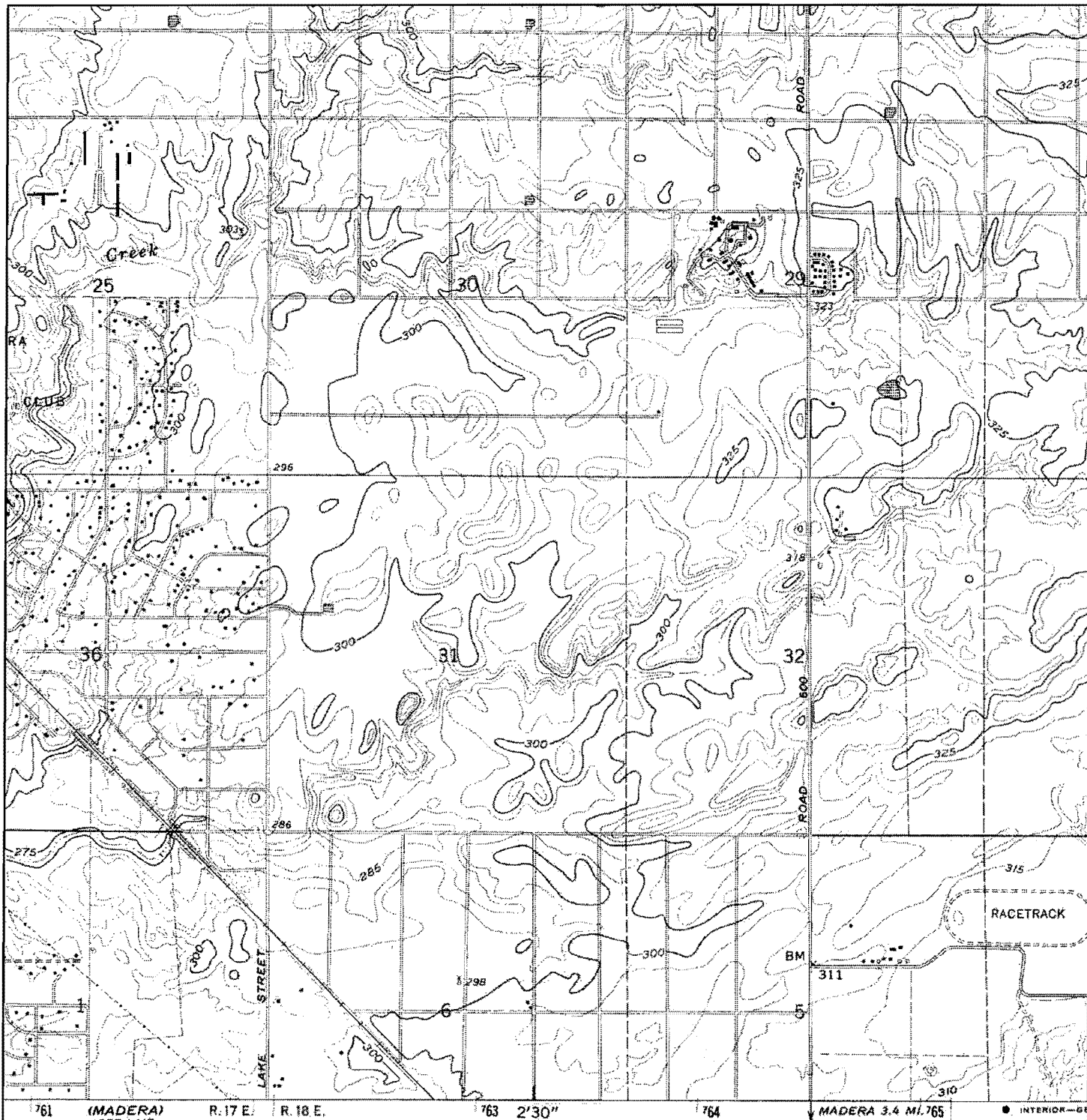
<p>N ↑</p>	<p>TARGET QUAD NAME: LE GRAND MAP YEAR: 1961</p>	<p>SITE NAME: Madera-Herman ADDRESS: Lake Street/Avenue 18 Madera, CA 93638</p>	<p>CLIENT: Belinda P Blackie, PE, REA CONTACT: Belinda Blackie INQUIRY#: 1813169.4</p>
	<p>SERIES: 15 SCALE: 1:62500</p>	<p>LAT/LONG: 37.0035 / 120.0408</p>	<p>RESEARCH DATE: 12/11/2006</p>

# Historical Topographic Map



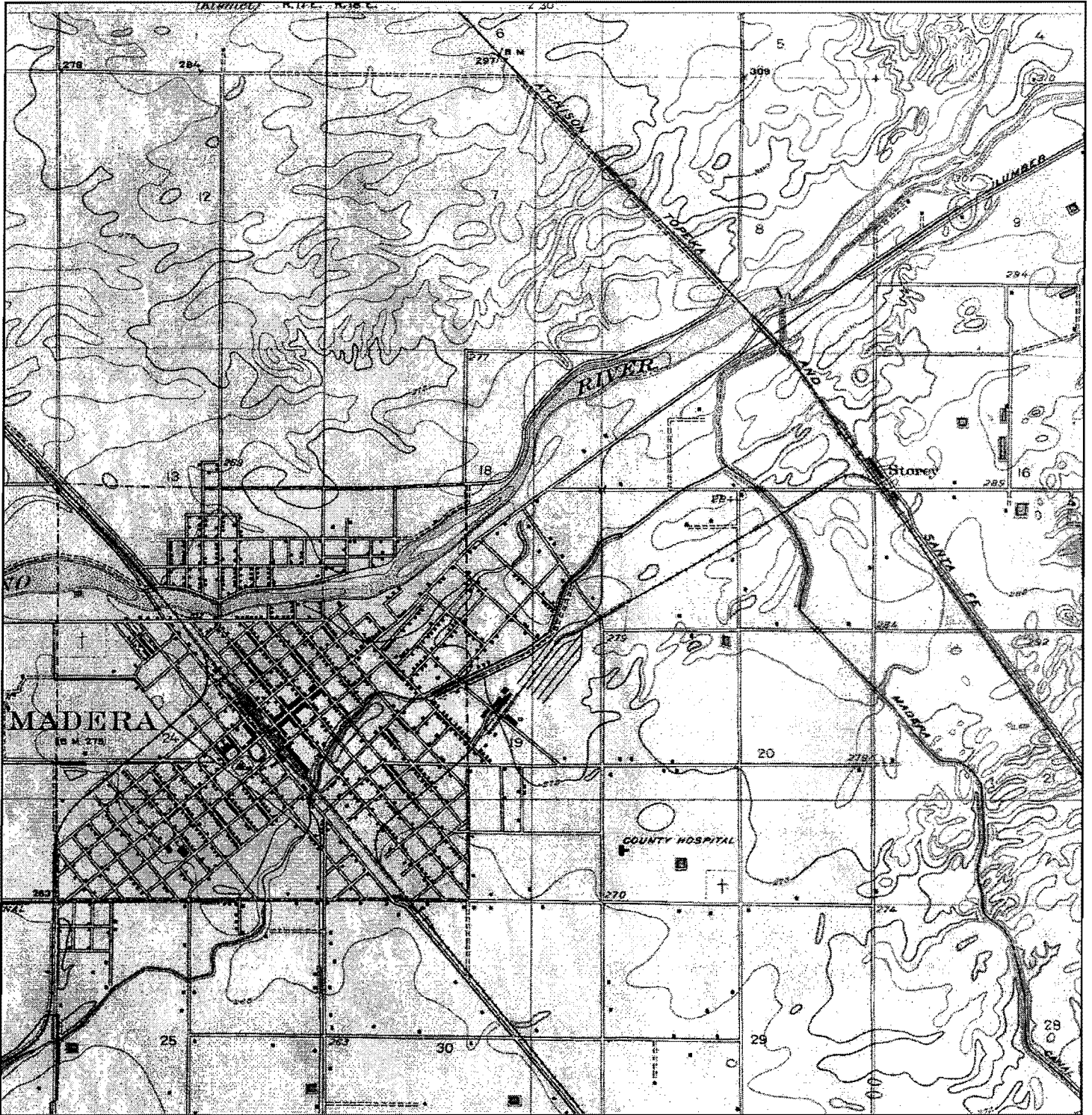
<p>N ↑</p>	TARGET QUAD	SITE NAME:	Madera-Herman	CLIENT:	Belinda P Blackie, PE, REA	
	NAME:	KISMET	ADDRESS:	Lake Street/Avenue 18	CONTACT:	Belinda Blackie
	MAP YEAR:	1981		Madera, CA 93638	INQUIRY#:	1813169.4
	PHOTOREVISED FROM:	1961	LAT/LONG:	37.0035 / 120.0408	RESEARCH DATE:	12/11/2006
	SERIES:	7.5				
	SCALE:	1:24000				


# Historical Topographic Map



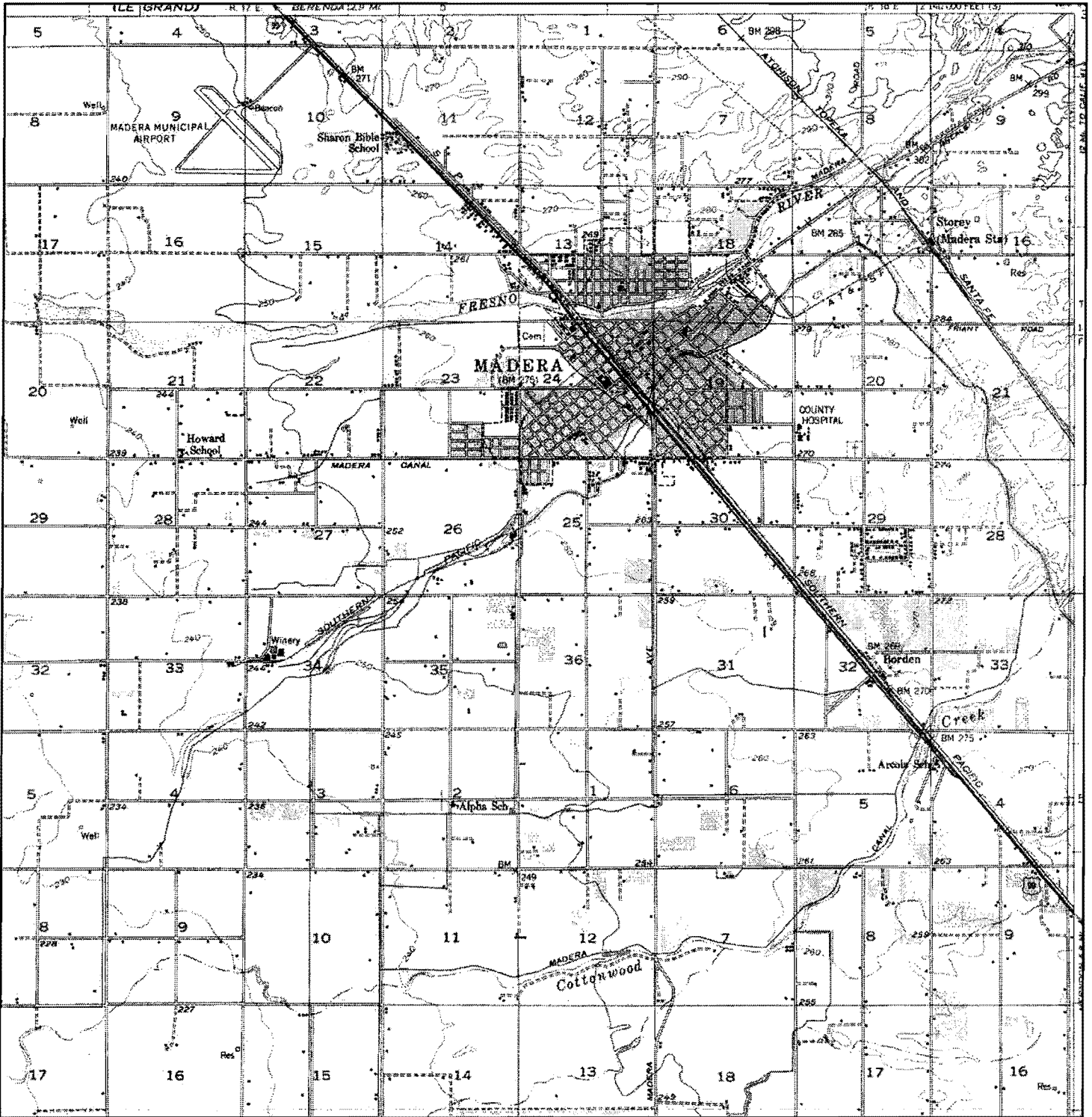
	TARGET QUAD	SITE NAME:	Madera-Herman	CLIENT:	Belinda P Blackie, PE, REA	
	NAME:	KISMET	ADDRESS:	Lake Street/Avenue 18	CONTACT:	Belinda Blackie
	MAP YEAR:	1987		Madera, CA 93638	INQUIRY#:	1813169.4
	PHOTOREVISED FROM:	1961	LAT/LONG:	37.0035 / 120.0408	RESEARCH DATE:	12/11/2006
	SERIES:	7.5				
	SCALE:	1:24000				

# Historical Topographic Map



<b>N</b> 	ADJOINING QUAD NAME: MADERA MAP YEAR: 1922	SITE NAME: Madera-Herman ADDRESS: Lake Street/Avenue 18 Madera, CA 93638 LAT/LONG: 37.0035 / 120.0408	CLIENT: Belinda P Blackie, PE, REA CONTACT: Belinda Blackie INQUIRY#: 1813169.4 RESEARCH DATE: 12/11/2006
	SERIES: 7.5 SCALE: 1:31680		

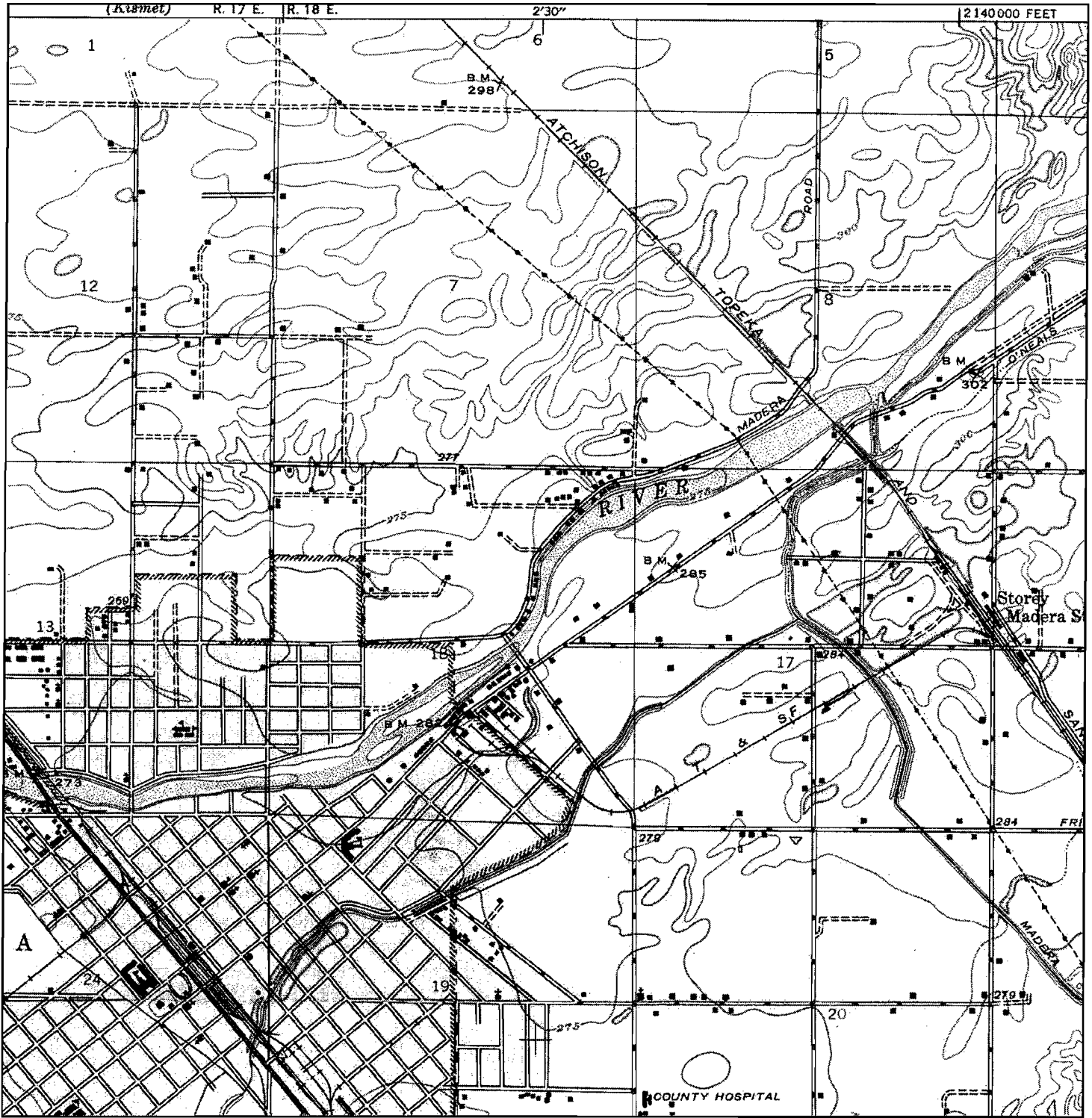
# Historical Topographic Map




<p>N ↑</p>	<p>ADJOINING QUAD NAME: MADERA MAP YEAR: 1946</p>	<p>SITE NAME: Madera-Herman ADDRESS: Lake Street/Avenue 18 Madera, CA 93638 LAT/LONG: 37.0035 / 120.0408</p>	<p>CLIENT: Belinda P Blackie, PE, REA CONTACT: Belinda Blackie INQUIRY#: 1813169.4 RESEARCH DATE: 12/11/2006</p>
	<p>SERIES: 15 SCALE: 1:62500</p>		

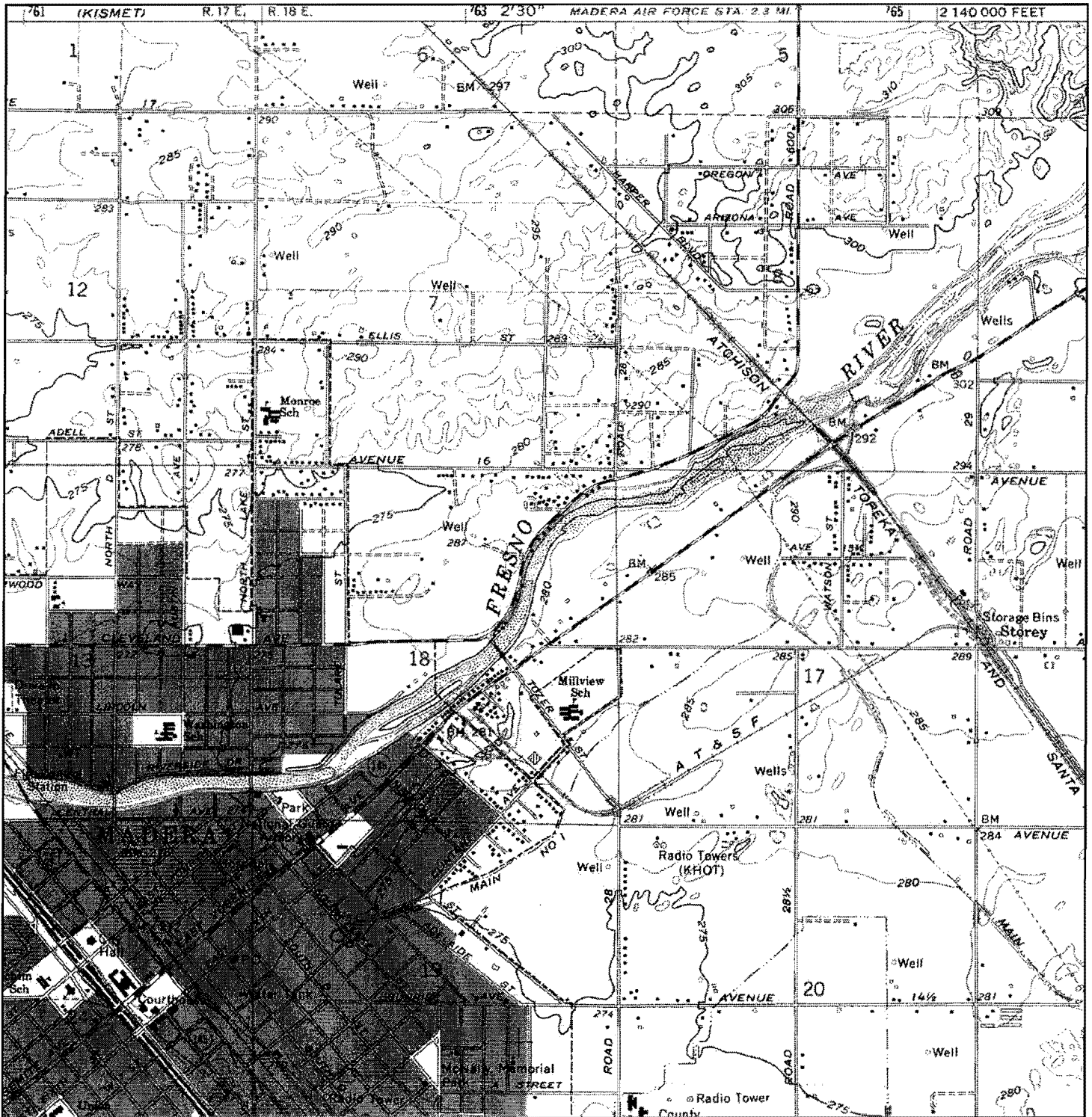


# Historical Topographic Map



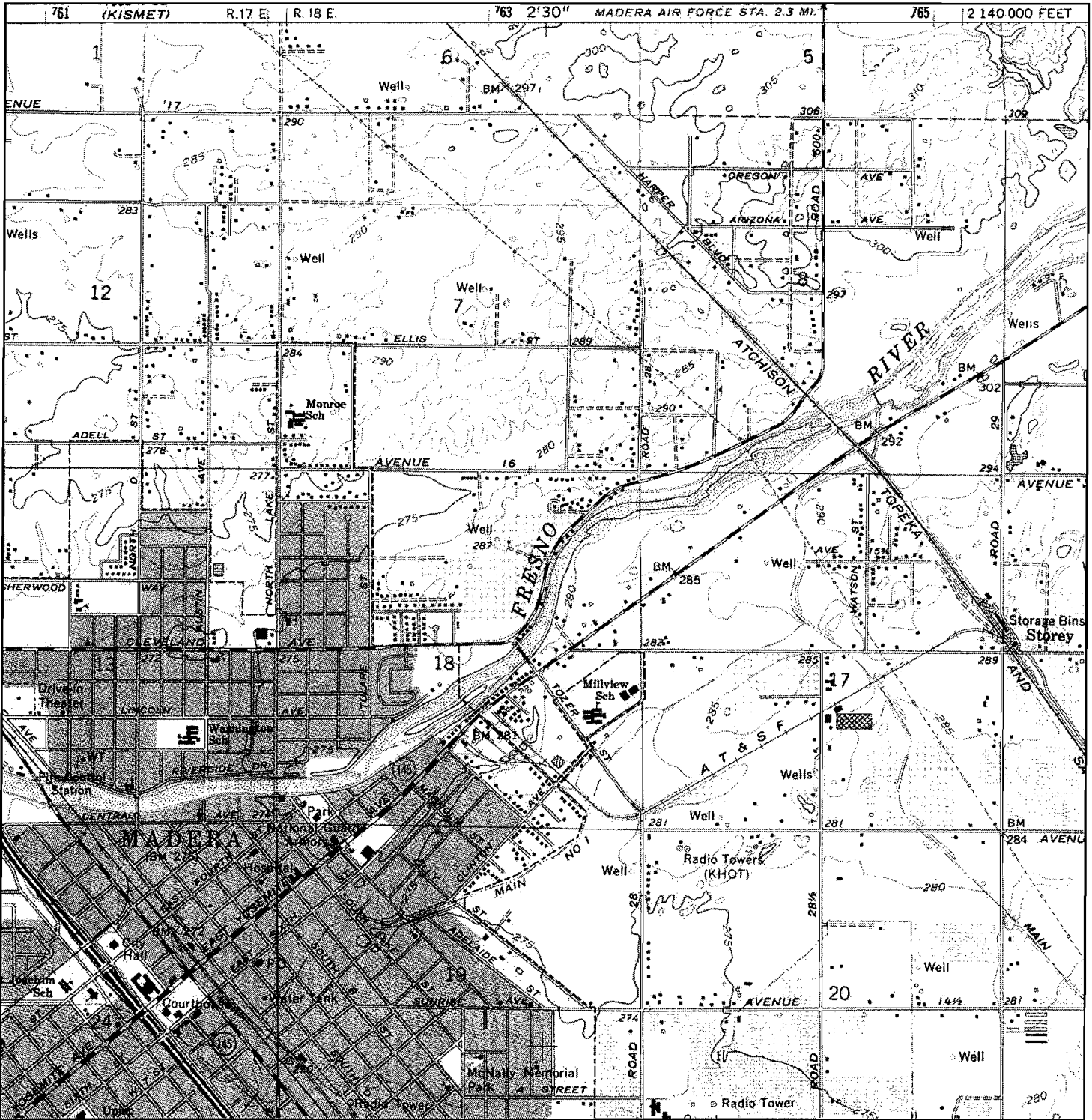
<b>N</b> 	ADJOINING QUAD NAME: MADERA MAP YEAR: 1947	SITE NAME: Madera-Herman ADDRESS: Lake Street/Avenue 18 Madera, CA 93638 LAT/LONG: 37.0035 / 120.0408	CLIENT: Belinda P Blackie, PE, REA CONTACT: Belinda Blackie INQUIRY#: 1813169.4 RESEARCH DATE: 12/11/2006
	SERIES: 7.5 SCALE: 1:24000		

# Historical Topographic Map



<p>N ↑</p>	<p>ADJOINING QUAD NAME: MADERA MAP YEAR: 1963</p>	<p>SITE NAME: Madera-Herman ADDRESS: Lake Street/Avenue 18 Madera, CA 93638 LAT/LONG: 37.0035 / 120.0408</p>	<p>CLIENT: Belinda P Blackie, PE, REA CONTACT: Belinda Blackie INQUIRY#: 1813169.4 RESEARCH DATE: 12/11/2006</p>
	<p>SERIES: 7.5 SCALE: 1:24000</p>		

# Historical Topographic Map



	ADJOINING QUAD	SITE NAME:	Madera-Herman	CLIENT:	Belinda P Blackie, PE, REA	
	NAME:	MADERA	ADDRESS:	Lake Street/Avenue 18	CONTACT:	Belinda Blackie
	MAP YEAR:	1981		Madera, CA 93638	INQUIRY#:	1813169.4
	PHOTOREVISED FROM:	1963	LAT/LONG:	37.0035 / 120.0408	RESEARCH DATE:	12/11/2006
	SERIES:	7.5				
	SCALE:	1:24000				



# **The EDR Aerial Photo Decade Package**

**Madera-Herman  
Lake Street/Avenue 18  
Madera, CA 93638**

**Inquiry Number: 1813169.5**

**December 12, 2006**



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**Date EDR Searched Historical Sources:**

Aerial Photography December 12, 2006

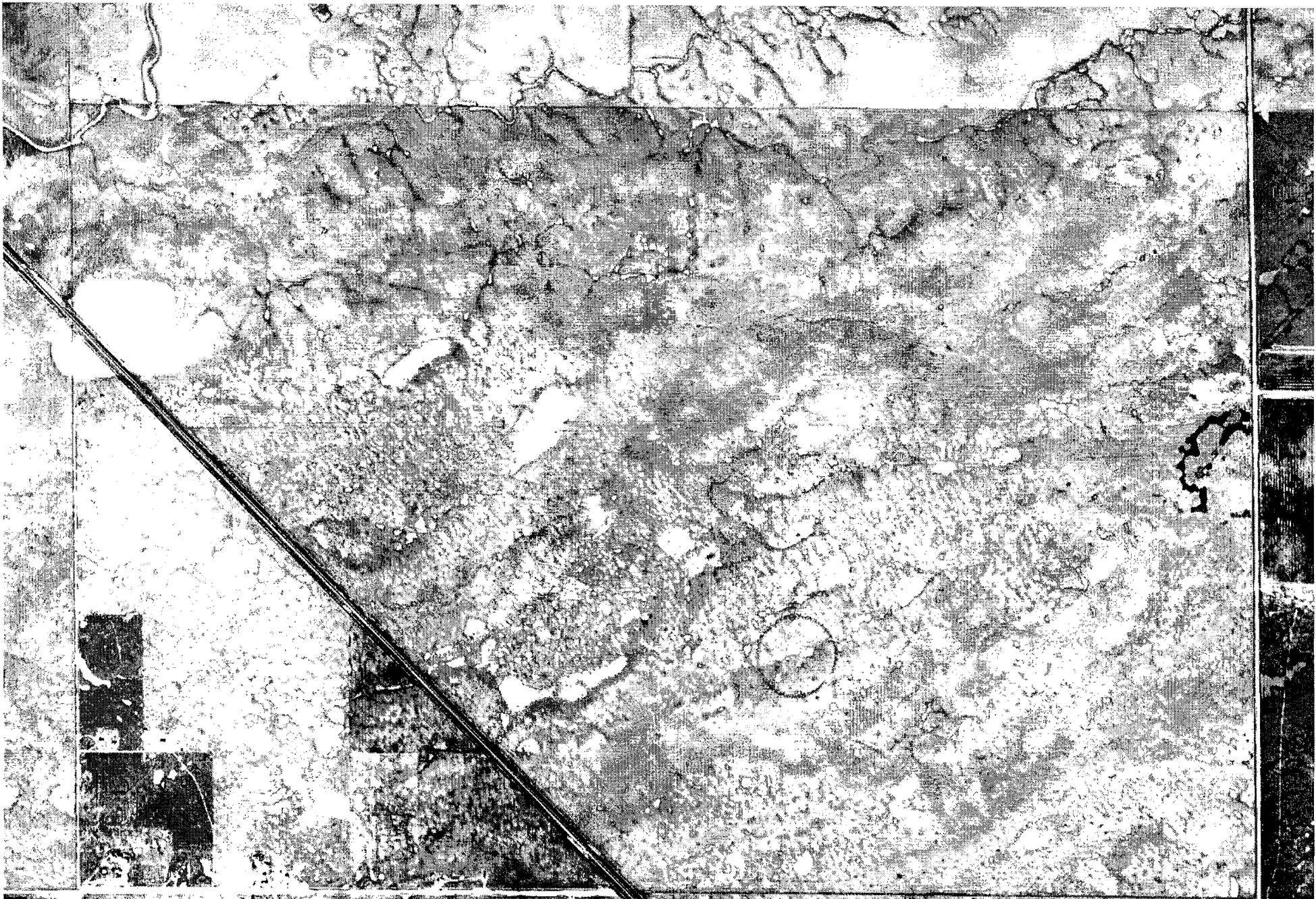
**Target Property:**

Lake Street/Avenue 18

Madera, CA 93638

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1950	Aerial Photograph. Scale: 1"=800'	Flight Year: 1950	Aero
1972	Aerial Photograph. Scale: 1"=800'	Flight Year: 1972 Best Copy Available from original source	Cartwright
1981	Aerial Photograph. Scale: 1"=800'	Flight Year: 1981	WSA
1987	Aerial Photograph. Scale: 1"=800'	Flight Year: 1987	USGS
1998	Aerial Photograph. Scale: 1"=800'	Flight Year: 1998	USGS





INQUIRY #: 1813169.5

YEAR: 1950

| = 800'





3390-1

INQUIRY #: 1813169.5

YEAR: 1972

| = 800'





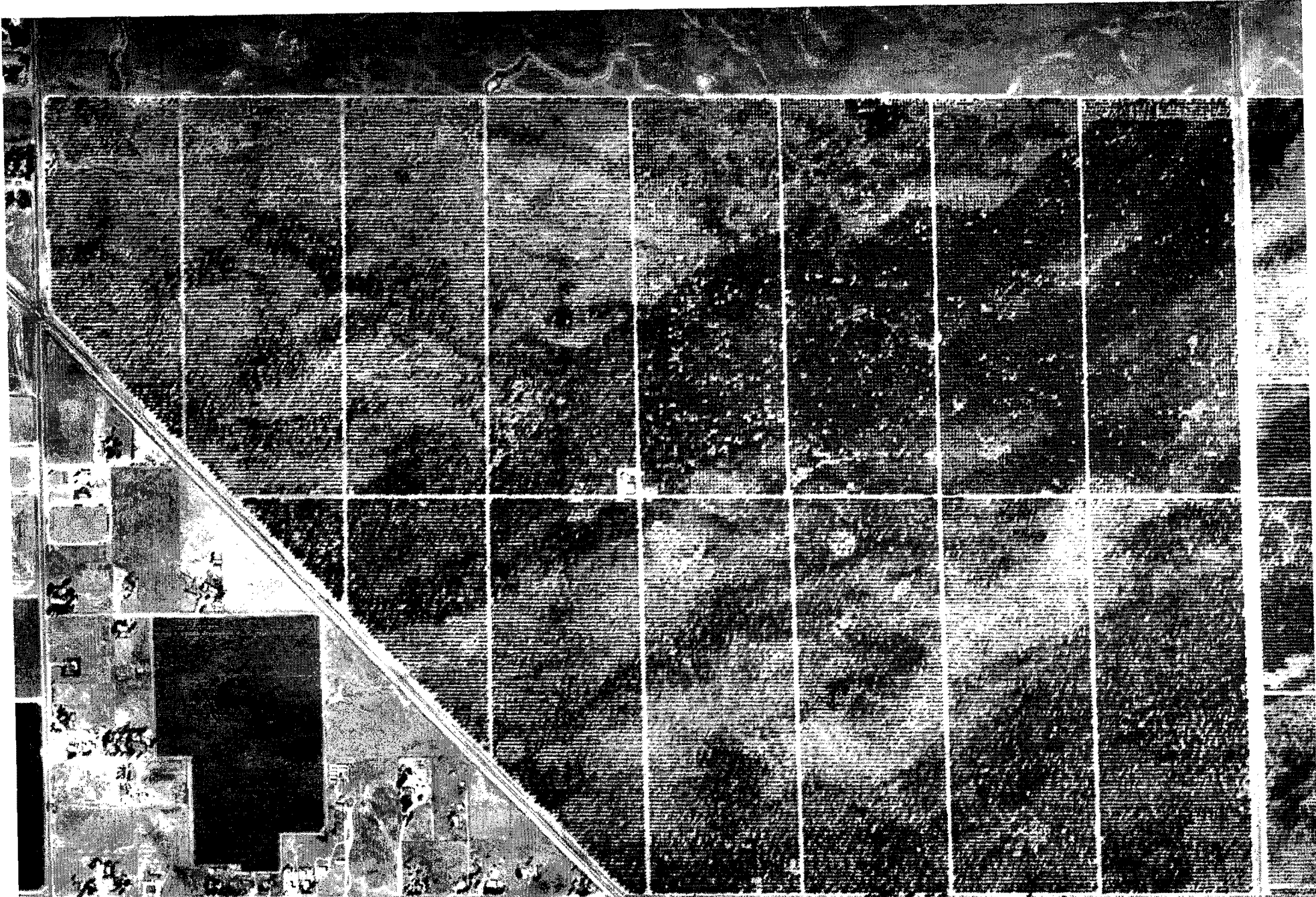
INQUIRY #: 1813169.5

YEAR: 1981

| = 800'







INQUIRY #: 1813169.5

YEAR: 1998

| = 800'







INQUIRY #: 1813169.5

YEAR: 1987

| = 800'





# **The EDR Aerial Photo Decade Package**

**Madera-Herman  
Lake Street/Avenue 18  
Madera, CA 93638**

**Inquiry Number: 1817574.1**

**December 14, 2006**



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**Date EDR Searched Historical Sources:**

Aerial Photography December 14, 2006

**Target Property:**

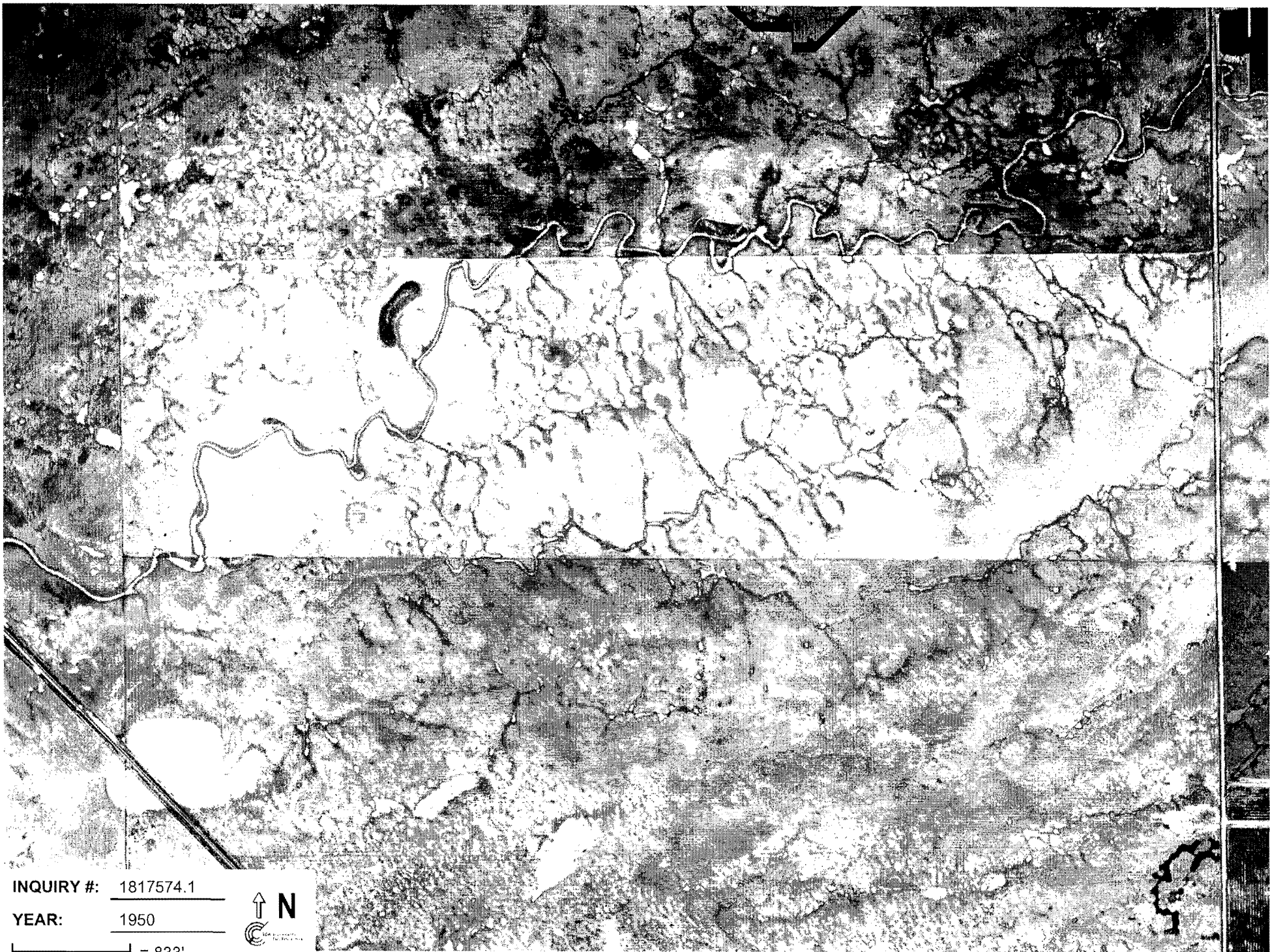
Lake Street/Avenue 18

Madera, CA 93638

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1950	Aerial Photograph. Scale: 1"=833'	Flight Year: 1950	Aero
1984	Aerial Photograph. Scale: 1"=833'	Flight Year: 1984	WSA
1987	Aerial Photograph. Scale: 1"=833'	Flight Year: 1987	USGS
1998	Aerial Photograph. Scale: 1"=833'	Flight Year: 1998	USGS





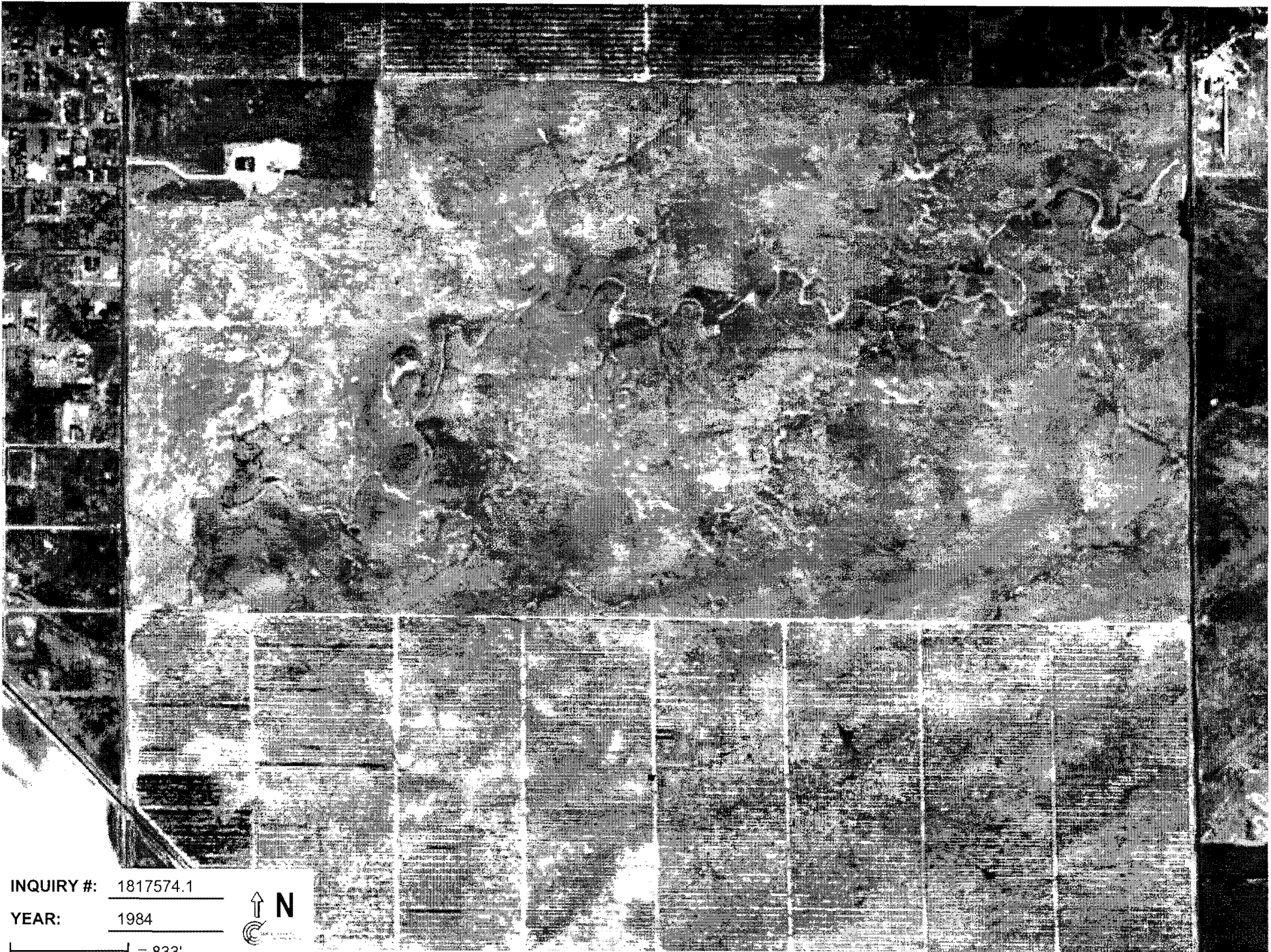


INQUIRY #: 1817574.1

YEAR: 1950



| = 833'



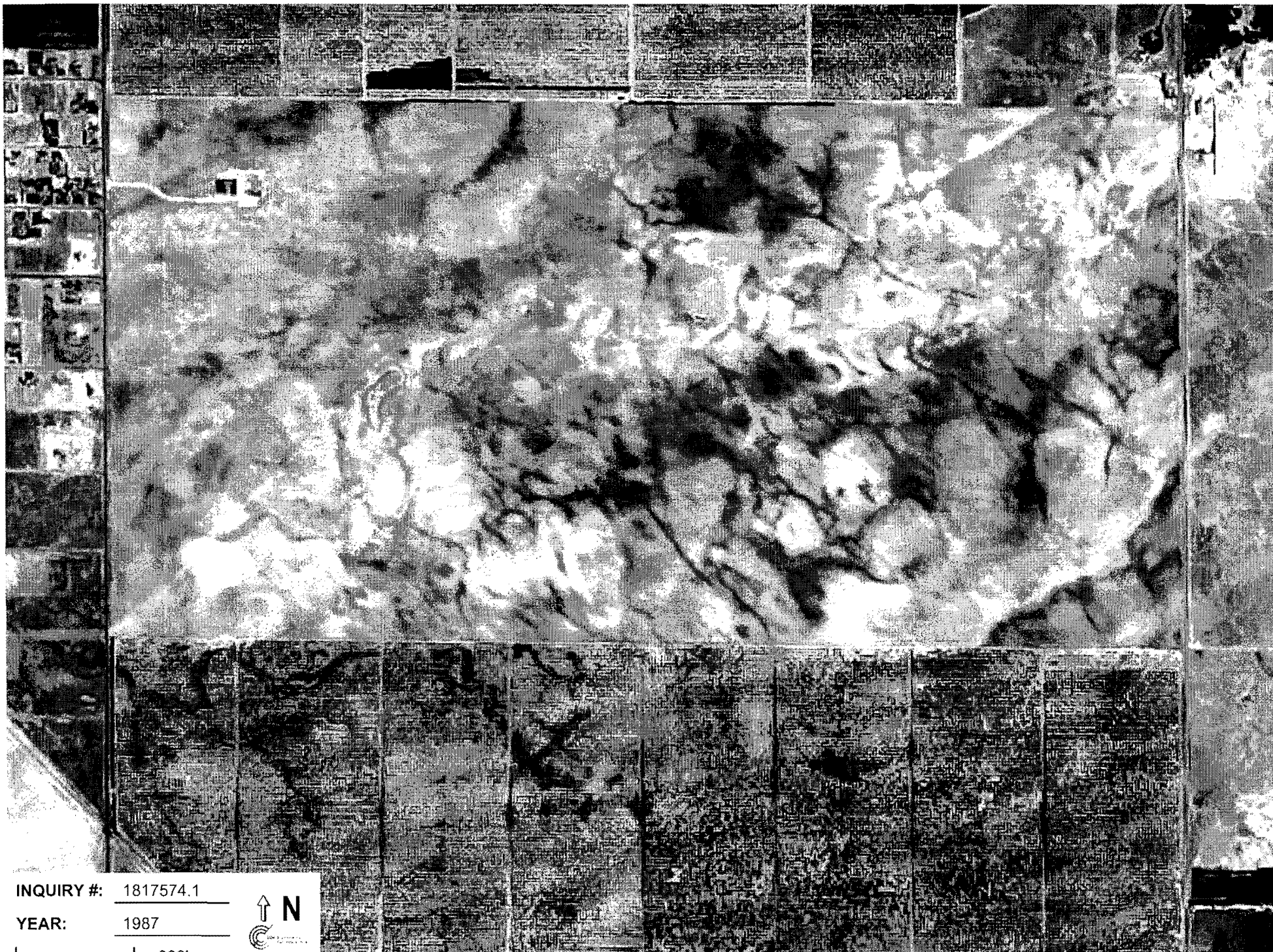
INQUIRY #: 1817574.1

YEAR: 1984



| = 833'





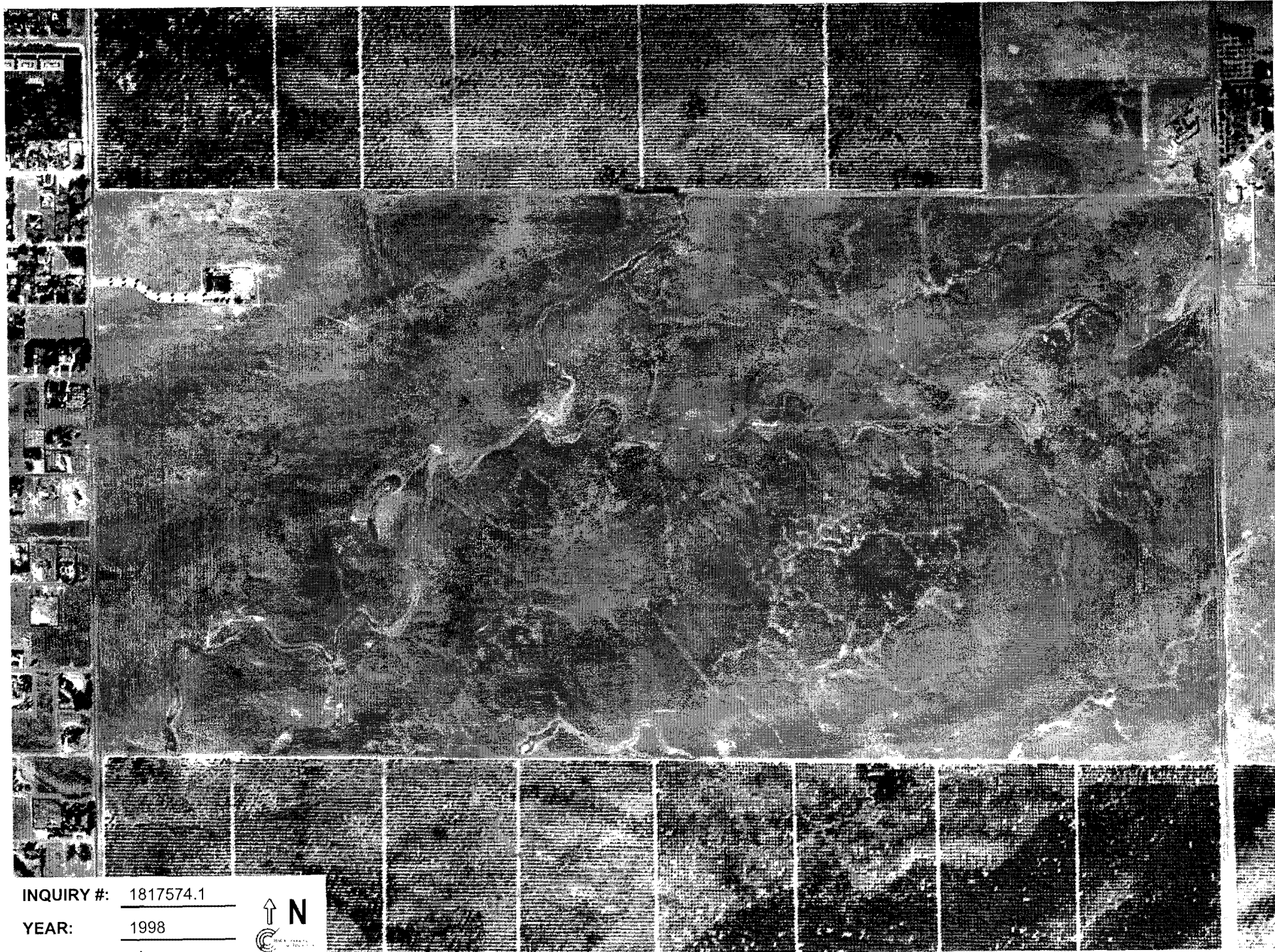
INQUIRY #: 1817574.1

YEAR: 1987



| = 833'





INQUIRY #: 1817574.1

YEAR: 1998

| = 833'





**APPENDIX E**  
**WELL SAMPLING FORMS**



# RECORD OF WELL DEVELOPMENT/SAMPLING

Project Number 067  
 Project Name Madara Hemar  
 Field Geologist/Engineer Karel D'Henna

Well Number Aghell 2 Total Well Depth (completed) \_\_\_\_\_ (Feet)  
 Casing Diameter 2 1/2 (Inches) Development Date \_\_\_\_\_  
 Volume Produced \_\_\_\_\_ (liter/gal) Development Method \_\_\_\_\_

### WELL VOLUME CONVERSION FACTORS

**2-INCH CASING DIAMETER;**  
 VOL (GALLONS) = FEET OF WATER X 0.17  
 VOL (LITERS) = FEET OF WATER X 0.62

**4-INCH CASING DIAMETER;**  
 VOL (GALLONS) = FEET OF WATER X 0.66  
 VOL (LITERS) = FEET OF WATER X 2.5

Sampling Date 4/18/07 Time 1505 Method \_\_\_\_\_

Static Water Level Prior to Purging \_\_\_\_\_ (ft)  
 (Measured from top of casing)  
 Feet of Water \_\_\_\_\_ (ft)  
 Well Volume \_\_\_\_\_ (liter/gal)  
 Three Well Volumes \_\_\_\_\_ (liter/gal)  
 Total Produced \_\_\_\_\_ (liter/gal)  
 Number of Well Volumes \_\_\_\_\_

Well Volumes	pH	Cond $\mu\text{s} \times 100$	Temp $^{\circ}\text{F}/^{\circ}\text{C}$
13451	7.40	184	20.88
14092	7.57	183	21.44
4263	7.42	185	22.15
4594	7.85	182	18.26
5			
6			
7			
8			
9			
10			

mg/L  
 sal DO  
 0.09 5.92  
 0.09 6.92  
 0.09 6.7  
 0.09 7.06

**Water Characteristics:**

Color; \_\_\_\_\_ Clear  Cloudy  Very Silty   
 Odor; Nonf  Slight  Moderate  Strong   
 Sheen; Yes  No  Other \_\_\_\_\_

Water Level After Recovery \_\_\_\_\_ (ft) 80% Recharged Yes   
 No

Sample I.D. \_\_\_\_\_ Laboratory \_\_\_\_\_

Comments: \_\_\_\_\_

# RECORD OF WELL DEVELOPMENT/SAMPLING

Project Number 067  
 Project Name Madison - Herman Parcel  
 Field Geologist/Engineer Karel Detterman

Well Number Ag Well 1 Total Well Depth (completed) \_\_\_\_\_ (Feet)  
 Casing Diameter 12 (Inches) Development Date \_\_\_\_\_  
 Volume Produced \_\_\_\_\_ (liter/gal) Development Method \_\_\_\_\_

### WELL VOLUME CONVERSION FACTORS

**2-INCH CASING DIAMETER;**  
 VOL (GALLONS) = FEET OF WATER x 0.17  
 VOL (LITERS) = FEET OF WATER x 0.62

**4-INCH CASING DIAMETER;**  
 VOL (GALLONS) = FEET OF WATER x 0.66  
 VOL (LITERS) = FEET OF WATER x 2.5

Sampling Date 1/19/07 Time ~~1335~~ 1445 Method ms/cm

Static Water Level Prior to Purging \_\_\_\_\_ (ft)  
 (Measured from top of casing)

Feet of Water \_\_\_\_\_ (ft)

Well Volume \_\_\_\_\_ (liter/gal)

Three Well Volumes \_\_\_\_\_ (liter/gal)

Total Produced \_\_\_\_\_ (liter/gal)

Number of Well Volumes \_\_\_\_\_

Production Time \_\_\_\_\_ (min)

Production Rate \_\_\_\_\_ (/min)

Well Volumes	pH	Cond $\mu\text{s} \times 100$	Temp $^{\circ}\text{C}$
1335 1	7.20	198	21.21
1400 2	7.52	196	21.77
1415 3	7.61	192	21.14
1430 4	7.62	193	21.57
5			
6			
7			
8			
9			
10			

Salinity  
 0.108  
 0.10 65  
 0.10 7.2  
 0.10 16.24

**Water Characteristics:**

Color; \_\_\_\_\_ Clear  Cloudy  Very Silty   
 Odor; None  Slight  Moderate  Strong   
 Sheen; Yes  No  Other \_\_\_\_\_

Water Level After Recovery \_\_\_\_\_ (ft) 80% Recharged Yes   
 No

Sample I.D. \_\_\_\_\_ Laboratory \_\_\_\_\_

Comments: Sake of Javier - pump # 1 has been running since this morning.  
pump 1 & 4 were both off recently.

# RECORD OF WELL DEVELOPMENT / SAMPLING

**Project Number** 067  
**Project Name** Madona Heron  
**Field Geologist/Engineer** Karel Dettmer

**Well Number** Aquell 4 **Total Well Depth** (completed) \_\_\_\_\_ (Feet)  
**Casing Diameter** 2 (Inches) **Development Date** \_\_\_\_\_  
**Volume Produced** \_\_\_\_\_ (liter/gal) **Development Method** \_\_\_\_\_

## WELL VOLUME CONVERSION FACTORS

### 2-INCH CASING DIAMETER;

VOL (GALLONS) = FEET OF WATER x 0.17  
 VOL (LITERS) = FEET OF WATER x 0.62

### 4-INCH CASING DIAMETER;

VOL (GALLONS) = FEET OF WATER x 0.66  
 VOL (LITERS) = FEET OF WATER x 2.5

**Sampling Date** 1/19/07 **Time** 1130 **Method** \_\_\_\_\_

**Static Water Level Prior to Purging** \_\_\_\_\_ (ft)  
 (Measured from top of casing)

**Feet of Water** \_\_\_\_\_ (ft) 1056 ~~1058~~  
1111

**Well Volume** \_\_\_\_\_ (liter/gal) 1120  
**Three Well Volumes** \_\_\_\_\_ (liter/gal)  
**Total Produced** \_\_\_\_\_ (liter/gal)  
**Number of Well Volumes** \_\_\_\_\_

**Production Time** \_\_\_\_\_ (min)  
**Production Rate** \_\_\_\_\_ ( /min)

Well Volumes	pH	Cond $\mu\text{s} \times 100$	Temp $^{\circ}\text{C}$	salin	Do
1	7.81	256	20.09	0.13	11.50
2	7.83	206	20.10	0.12	8.92
3	7.81	256	20.35	0.13	8.53
4					
5					
6					
7					
8					
9					
10					

### Water Characteristics:

**Color;** \_\_\_\_\_ **Clear**  **Cloudy**  **Very Silty**   
**Odor;** **None**  **Slight**  **Moderate**  **Strong**   
**Shoen;** **Yes**  **No**  **Other** \_\_\_\_\_

**Water Level After Recovery** \_\_\_\_\_ (ft) **80% Recharged** **Yes**   
**No**

**Sample I.D.** \_\_\_\_\_ **Laboratory** \_\_\_\_\_

**Comments:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_





**APPENDIX F**

**LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY  
DOCUMENTATION**





# TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

[www.torrentlab.com](http://www.torrentlab.com)

January 26, 2007

Tom McCloskey  
SES  
110 11th Street  
Oakland, CA 94607  
TEL: (510) 451-2917  
FAX (510) 451-1150

RE:

Order No.: 0701112

Dear Tom McCloskey:

Torrent Laboratory, Inc. received 12 samples on 1/19/2007 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,

  
Laboratory Director

01-26-07  
Date

Patti Sandrock  
QA Officer





# TORRENT LABORATORY, INC.

483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293

Visit us at [www.torrentlab.com](http://www.torrentlab.com) email: [analysis@torrentlab.com](mailto:analysis@torrentlab.com)

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/26/2007

Client Sample ID: SB Ag well 1ft  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 3:59:00 PM

Lab Sample ID: 0701112-001  
Date Prepared: 1/25/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/25/2007	100	1	100	ND	µg/Kg	R11707
Surr: 4-Bromofluorobenzene	GC-MS	1/25/2007	0	1	57-127	46.1	%REC	R11707
Note:s-Outlying surrogate recovery was observed.A duplicate analysis was performed with similar result indicated a matrix effect.								
Benzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Ethylbenzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Methyl tert-butyl ether (MTBE)	SW8260B	1/25/2007	10	1	10	ND	µg/Kg	VOC11707
Toluene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Xylenes, Total	SW8260B	1/25/2007	15	1	15	ND	µg/Kg	VOC11707
Surr: 4-Bromofluorobenzene	SW8260B	1/25/2007	0	1	62.8-123	105	%REC	VOC11707
Surr: Dibromofluoromethane	SW8260B	1/25/2007	0	1	63.3-151	119	%REC	VOC11707
Surr: Toluene-d8	SW8260B	1/25/2007	0	1	60.8-124	97.5	%REC	VOC11707

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/26/2007

Client Sample ID: SB Ag Well 1 5ft  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 4:20:00 PM

Lab Sample ID: 0701112-002  
Date Prepared: 1/25/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/25/2007	100	1	100	ND	µg/Kg	R11707
Surr: 4-Bromofluorobenzene	GC-MS	1/25/2007	0	1	57-127	85.8	%REC	R11707
Benzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Ethylbenzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Methyl tert-butyl ether (MTBE)	SW8260B	1/25/2007	10	1	10	ND	µg/Kg	VOC11707
Toluene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Xylenes, Total	SW8260B	1/25/2007	15	1	15	ND	µg/Kg	VOC11707
Surr: 4-Bromofluorobenzene	SW8260B	1/25/2007	0	1	62.8-123	105	%REC	VOC11707
Surr: Dibromofluoromethane	SW8260B	1/25/2007	0	1	63.3-151	111	%REC	VOC11707
Surr: Toluene-d8	SW8260B	1/25/2007	0	1	60.8-124	89.4	%REC	VOC11707

**Report prepared for:** Tom McCloskey  
SES

**Date Received:** 1/19/2007

**Date Reported:** 1/26/2007

**Client Sample ID:** SB Ag Well 1 10ft  
**Sample Location:** Madera-Herman Parcels,CA  
**Sample Matrix:** SOIL  
**Date/Time Sampled** 1/19/2007 4:25:00 PM

**Lab Sample ID:** 0701112-003

**Date Prepared:** 1/25/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/25/2007	100	1	100	ND	µg/Kg	R11707
Surr: 4-Bromofluorobenzene	GC-MS	1/25/2007	0	1	57-127	88.8	%REC	R11707
Benzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Ethylbenzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Methyl tert-butyl ether (MTBE)	SW8260B	1/25/2007	10	1	10	ND	µg/Kg	VOC11707
Toluene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Xylenes, Total	SW8260B	1/25/2007	15	1	15	ND	µg/Kg	VOC11707
Surr: 4-Bromofluorobenzene	SW8260B	1/25/2007	0	1	62.8-123	103	%REC	VOC11707
Surr: Dibromofluoromethane	SW8260B	1/25/2007	0	1	63.3-151	110	%REC	VOC11707
Surr: Toluene-d8	SW8260B	1/25/2007	0	1	60.8-124	89.5	%REC	VOC11707

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007

Date Reported: 1/26/2007

Client Sample ID: SS-1 Ag Well 1  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 4:16:00 PM

Lab Sample ID: 0701112-005  
Date Prepared: 1/23/2007-1/24/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	2.2	mg/Kg	3135
Lead	SW6010B	1/24/2007	1	1	1.0	6.0	mg/Kg	3135
Mercury	SW7471A	1/25/2007	0.1	1	0.10	ND	mg/Kg	3138
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11700
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11700
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11700
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	105	%REC	R11700
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	99.4	%REC	R11700



Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/26/2007

<b>Client Sample ID:</b> SS-2 Ag Well 1	<b>Lab Sample ID:</b> 0701112-006
<b>Sample Location:</b> Madera-Herman Parcels,CA	<b>Date Prepared:</b> 1/23/2007-1/24/2007
<b>Sample Matrix:</b> SOIL	
<b>Date/Time Sampled</b> 1/19/2007 4:18:00 PM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	1.8	mg/Kg	3135
Lead	SW6010B	1/24/2007	1	1	1.0	4.5	mg/Kg	3135
Mercury	SW7471A	1/25/2007	0.1	1	0.10	ND	mg/Kg	3138
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	2.75	µg/Kg	R11700
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11700
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11700
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11700
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	100	%REC	R11700
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	92.1	%REC	R11700

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007

Date Reported: 1/26/2007

Client Sample ID: SS-1 Ag Well 2  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 5:19:00 PM

Lab Sample ID: 0701112-007  
Date Prepared: 1/23/2007-1/24/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	2.2	mg/Kg	3135
Lead	SW6010B	1/24/2007	1	1	1.0	5.4	mg/Kg	3135
Mercury	SW7471A	1/25/2007	0.1	1	0.10	ND	mg/Kg	3138
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	9.51	µg/Kg	R11700
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11700
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11700
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11700
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	77.3	%REC	R11700
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	96.5	%REC	R11700

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/26/2007

<b>Client Sample ID:</b> SS-2 Ag Well 2	<b>Lab Sample ID:</b> 0701112-008
<b>Sample Location:</b> Madera-Herman Parcels,CA	<b>Date Prepared:</b> 1/23/2007-1/24/2007
<b>Sample Matrix:</b> SOIL	
<b>Date/Time Sampled</b> 1/19/2007 5:20:00 PM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	1.9	mg/Kg	3135
Lead	SW6010B	1/24/2007	1	1	1.0	13	mg/Kg	3135
Mercury	SW7471A	1/25/2007	0.1	1	0.10	ND	mg/Kg	3138
4,4'-DDD	SW8081A	1/24/2007	0.47	20	9.40	ND	µg/Kg	R11700
4,4'-DDE	SW8081A	1/24/2007	0.476	20	9.52	ND	µg/Kg	R11700
4,4'-DDT	SW8081A	1/24/2007	0.809	20	16.2	ND	µg/Kg	R11700
Aldrin	SW8081A	1/24/2007	0.44	20	8.80	ND	µg/Kg	R11700
alpha-BHC	SW8081A	1/24/2007	0.439	20	8.78	ND	µg/Kg	R11700
alpha-Chlordane	SW8081A	1/24/2007	0.358	20	7.16	ND	µg/Kg	R11700
beta-BHC	SW8081A	1/24/2007	0.364	20	7.28	ND	µg/Kg	R11700
Chlordane	SW8081A	1/24/2007	10	20	200	ND	µg/Kg	R11700
delta-BHC	SW8081A	1/24/2007	0.49	20	9.80	ND	µg/Kg	R11700
Dieldrin	SW8081A	1/24/2007	0.427	20	8.54	ND	µg/Kg	R11700
Endosulfan I	SW8081A	1/24/2007	0.59	20	11.8	ND	µg/Kg	R11700
Endosulfan II	SW8081A	1/24/2007	1.526	20	30.5	ND	µg/Kg	R11700
Endosulfan sulfate	SW8081A	1/24/2007	0.489	20	9.78	ND	µg/Kg	R11700
Endrin	SW8081A	1/24/2007	0.569	20	11.4	ND	µg/Kg	R11700
Endrin aldehyde	SW8081A	1/24/2007	1.028	20	20.6	ND	µg/Kg	R11700
Endrin ketone	SW8081A	1/24/2007	0.401	20	8.02	ND	µg/Kg	R11700
gamma-BHC	SW8081A	1/24/2007	0.396	20	7.92	ND	µg/Kg	R11700
gamma-Chlordane	SW8081A	1/24/2007	0.42	20	8.40	ND	µg/Kg	R11700
Heptachlor	SW8081A	1/24/2007	1.1	20	22.0	ND	µg/Kg	R11700
Heptachlor epoxide	SW8081A	1/24/2007	0.316	20	6.32	ND	µg/Kg	R11700
Methoxychlor	SW8081A	1/24/2007	0.616	20	12.3	ND	µg/Kg	R11700
Toxaphene	SW8081A	1/24/2007	10	20	200	ND	µg/Kg	R11700
Surr: Decachlorobiphenyl	SW8081A	1/24/2007		20	54.6-127	80.9	%REC	R11700
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007		20	54-122	105	%REC	R11700

Note: Reporting limits increased due to the nature of the sample matrix (dark color extract). Reported to the MDL.

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007

Date Reported: 1/26/2007

Client Sample ID: SS1 Ag Well 3  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 5:36:00 PM

Lab Sample ID: 0701112-009  
Date Prepared: 1/23/2007-1/24/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW8010B	1/24/2007	1.7	1	1.7	ND	mg/Kg	3135
Lead	SW6010B	1/24/2007	1	1	1.0	2.1	mg/Kg	3135
Mercury	SW7471A	1/25/2007	0.1	1	0.10	ND	mg/Kg	3138
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11700
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11700
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11700
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	81.7	%REC	R11700
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	93.5	%REC	R11700

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/26/2007

<b>Client Sample ID:</b>	SS2 Ag Well 3	<b>Lab Sample ID:</b>	0701112-010
<b>Sample Location:</b>	Madera-Herman Parcels,CA	<b>Date Prepared:</b>	1/23/2007-1/24/2007
<b>Sample Matrix:</b>	SOIL		
<b>Date/Time Sampled</b>	1/19/2007 5:31:00 PM		

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	ND	mg/Kg	3135
Lead	SW6010B	1/24/2007	1	1	1.0	1.8	mg/Kg	3135
Mercury	SW7471A	1/25/2007	0.1	1	0.10	ND	mg/Kg	3138
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11700
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11700
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11700
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	76.6	%REC	R11700
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	89.8	%REC	R11700

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/26/2007

Client Sample ID: SS1 Ag Well 4  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 5:44:00 PM

Lab Sample ID: 0701112-011  
Date Prepared: 1/23/2007-1/24/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	ND	mg/Kg	3135
Lead	SW6010B	1/24/2007	1	1	1.0	10	mg/Kg	3135
Mercury	SW7471A	1/25/2007	0.1	1	0.10	ND	mg/Kg	3138
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11700
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11700
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11700
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11700
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	78.0	%REC	R11700
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	94.1	%REC	R11700

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/26/2007

<b>Client Sample ID:</b>	SS2 Ag Well 4	<b>Lab Sample ID:</b>	0701112-012
<b>Sample Location:</b>	Madera-Herman Parcels,CA	<b>Date Prepared:</b>	1/23/2007-1/24/2007
<b>Sample Matrix:</b>	SOIL		
<b>Date/Time Sampled</b>	1/19/2007		

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	ND	mg/Kg	3135
Lead	SW6010B	1/24/2007	1	1	1.0	5.1	mg/Kg	3135
Mercury	SW7471A	1/25/2007	0.1	1	0.10	ND	mg/Kg	3138
4,4'-DDD	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
4,4'-DDE	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
4,4'-DDT	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
Aldrin	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
alpha-BHC	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
alpha-Chlordane	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
beta-BHC	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
Chlordane	SW8081A	1/24/2007	20	4	80.0	ND	µg/Kg	R11700
delta-BHC	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
Dieldrin	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
Endosulfan I	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
Endosulfan II	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
Endosulfan sulfate	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
Endrin	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
Endrin aldehyde	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
Endrin ketone	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
gamma-BHC	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
gamma-Chlordane	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
Heptachlor	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
Heptachlor epoxide	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11700
Methoxychlor	SW8081A	1/24/2007	5	4	20.0	ND	µg/Kg	R11700
Toxaphene	SW8081A	1/24/2007	100	4	400	ND	µg/Kg	R11700
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	4	54.6-127	88.8	%REC	R11700
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	4	54-122	105	%REC	R11700

Note: Reporting limits increased due to the nature of the sample matrix (dark color extract).

**Definitions, legends and Notes**

Note	Description
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #



CLIENT: SES  
 Work Order: 0701112  
 Project:

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 3135

Sample ID: <b>MB-3135</b>	SampType: <b>MBLK</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11706</b>						
Client ID: <b>ZZZZ</b>	Batch ID: <b>3135</b>	TestNo: <b>SW6010B</b>	<b>(SW3050B)</b>	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173503</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	ND	1.7									
Lead	ND	1.0									

Sample ID: <b>LCS-3135</b>	SampType: <b>LCS</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11706</b>						
Client ID: <b>ZZZZ</b>	Batch ID: <b>3135</b>	TestNo: <b>SW6010B</b>	<b>(SW3050B)</b>	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173501</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	48.95	1.7	50	0	97.9	73.9	135				
Lead	47.80	1.0	50	0	95.6	67.9	118				

Sample ID: <b>LCSD-3135</b>	SampType: <b>LCSD</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11706</b>						
Client ID: <b>ZZZZ</b>	Batch ID: <b>3135</b>	TestNo: <b>SW6010B</b>	<b>(SW3050B)</b>	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173502</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	49.55	1.7	50	0	99.1	73.9	135	48.95	1.22	30	
Lead	48.75	1.0	50	0	97.5	67.9	118	47.8	1.97	30	

Sample ID: <b>0701112-005AMS</b>	SampType: <b>MS</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11706</b>						
Client ID: <b>SS-1 Ag Well 1</b>	Batch ID: <b>3135</b>	TestNo: <b>SW6010B</b>	<b>(SW3050B)</b>	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173482</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	48.65	1.7	50	2.15	93.0	75.9	107				
Lead	49.80	1.0	50	5.95	87.7	60.5	113				

Sample ID: <b>0701112-005AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11706</b>						
Client ID: <b>SS-1 Ag Well 1</b>	Batch ID: <b>3135</b>	TestNo: <b>SW6010B</b>	<b>(SW3050B)</b>	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173483</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	47.95	1.7	50	2.15	91.6	75.9	107	48.65	1.45	30	
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**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

CLIENT: SES  
Work Order: 0701112  
Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: 3135

Sample ID: 0701112-005AMSD	SampType: MSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 1/23/2007	RunNo: 11706						
Client ID: SS-1 Ag Well 1	Batch ID: 3135	TestNo: SW6010B	(SW3050B)	Analysis Date: 1/24/2007	SeqNo: 173483						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	49.60	1.0	50	5.95	87.3	60.5	113	49.8	0.402	30	

Qualifiers: E Value above quantitation range  
ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits

J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701112  
 Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: 3138

Sample ID: <b>MB-3138</b>	SampType: <b>MBLK</b>	TestCode: <b>HG_CTS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11725</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3138</b>	TestNo: <b>SW7471A</b>	<b>(SW7471APR</b>	Analysis Date: <b>1/25/2007</b>	SeqNo: <b>173871</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	ND	0.10									
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Sample ID: <b>LCS-3138</b>	SampType: <b>LCS</b>	TestCode: <b>HG_CTS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11725</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3138</b>	TestNo: <b>SW7471A</b>	<b>(SW7471APR</b>	Analysis Date: <b>1/25/2007</b>	SeqNo: <b>173869</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	1.283	0.10	1.25	0	103	80.5	133				
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Sample ID: <b>LCSD-3138</b>	SampType: <b>LCSD</b>	TestCode: <b>HG_CTS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11725</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3138</b>	TestNo: <b>SW7471A</b>	<b>(SW7471APR</b>	Analysis Date: <b>1/25/2007</b>	SeqNo: <b>173870</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	1.258	0.10	1.25	0	101	80.5	133	1.283	1.97	30	
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Sample ID: <b>0701112-005AMS</b>	SampType: <b>MS</b>	TestCode: <b>HG_CTS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11725</b>						
Client ID: <b>SS-1 Ag Well 1</b>	Batch ID: <b>3138</b>	TestNo: <b>SW7471A</b>	<b>(SW7471APR</b>	Analysis Date: <b>1/25/2007</b>	SeqNo: <b>173853</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	1.267	0.10	1.25	0.05833	96.7	80.5	133				
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Sample ID: <b>0701112-005AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>HG_CTS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11725</b>						
Client ID: <b>SS-1 Ag Well 1</b>	Batch ID: <b>3138</b>	TestNo: <b>SW7471A</b>	<b>(SW7471APR</b>	Analysis Date: <b>1/25/2007</b>	SeqNo: <b>173854</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	1.275	0.10	1.25	0.05833	97.3	80.5	133	1.267	0.656	30	
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<b>Qualifiers:</b> E Value above quantitation range ND Not Detected at the Reporting Limit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	J Analyte detected below quantitation limits S Spike Recovery outside accepted recovery limits
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CLIENT: SES  
 Work Order: 0701112  
 Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: R11700

Sample ID: <b>SP070124A-MB</b>	SampType: <b>MBLK</b>	TestCode: <b>8081S</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11700</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11700</b>	TestNo: <b>SW8081A</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173415</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	2.00									
4,4'-DDE	ND	2.00									
4,4'-DDT	ND	2.00									
Aldrin	ND	2.00									
alpha-BHC	ND	2.00									
alpha-Chlordane	ND	2.00									
beta-BHC	ND	2.00									
Chlordane	ND	20.0									
delta-BHC	ND	2.00									
Dieldrin	ND	2.00									
Endosulfan I	ND	2.00									
Endosulfan II	ND	2.00									
Endosulfan sulfate	ND	2.00									
Endrin	ND	2.00									
Endrin aldehyde	ND	2.00									
Endrin ketone	ND	2.00									
gamma-BHC	ND	2.00									
gamma-Chlordane	ND	2.00									
Heptachlor	ND	2.00									
Heptachlor epoxide	ND	2.00									
Methoxychlor	ND	5.00									
Toxaphene	ND	100									
Surr: Decachlorobiphenyl	39.84	0	50	0	79.7	57	126				
Surr: Tetrachloro-m-xylene	44.38	0	50	0	88.8	55.7	122				

Sample ID: <b>SP070124A-LCS</b>	SampType: <b>LCS</b>	TestCode: <b>8081S</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11700</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11700</b>	TestNo: <b>SW8081A</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173406</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	25.87	2.00	20	0	129	53.6	136				
Aldrin	18.73	2.00	20	0	93.7	52.8	128				

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701112  
 Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: R11700

Sample ID: SP070124A-LCS		SampType: LCS		TestCode: 8081S		Units: µg/Kg		Prep Date: 1/24/2007		RunNo: 11700	
Client ID: ZZZZZ		Batch ID: R11700		TestNo: SW8081A				Analysis Date: 1/24/2007		SeqNo: 173406	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	23.58	2.00	20	0	118	56.8	134				
Endrin	23.41	2.00	20	0	117	54.2	131				
gamma-BHC	19.66	2.00	20	0	98.3	49.8	131				
Heptachlor	23.12	2.00	20	0	116	50.9	130				
Surr: Decachlorobiphenyl	72.14	0	70	0	103	57	126				
Surr: Tetrachloro-m-xylene	65.98	0	70	0	94.3	55.7	122				

Sample ID: SP070124A-LCSD		SampType: LCSD		TestCode: 8081S		Units: µg/Kg		Prep Date: 1/24/2007		RunNo: 11700	
Client ID: ZZZZZ		Batch ID: R11700		TestNo: SW8081A				Analysis Date: 1/24/2007		SeqNo: 173506	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	22.84	2.00	20	0	114	53.6	136	25.87	12.5	30	
Aldrin	18.14	2.00	20	0	90.7	52.8	128	18.73	3.24	30	
Dieldrin	22.10	2.00	20	0	111	56.8	134	23.58	6.46	30	
Endrin	23.31	2.00	20	0	117	54.2	131	23.41	0.420	30	
gamma-BHC	19.49	2.00	20	0	97.5	49.8	131	19.66	0.862	30	
Heptachlor	22.19	2.00	20	0	111	50.9	130	23.12	4.11	30	
Surr: Decachlorobiphenyl	69.98	0	70	0	100	57	126	0	0	0	
Surr: Tetrachloro-m-xylene	65.36	0	70	0	93.4	55.7	122	0	0	0	

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit              R RPD outside accepted recovery limits              S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701112  
 Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: R11707

Sample ID: <b>MB</b>	SampType: <b>MBLK</b>	TestCode: <b>8010_S BY 8</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11707</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173741</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloroethane (EDC)	ND	10.0									
Surr: 4-Bromofluorobenzene	53.42	0	50	0	107	62.8	123				
Surr: Dibromofluoromethane	58.61	0	50	0	117	63.3	151				
Surr: Toluene-d8	43.62	0	50	0	87.2	60.8	124				

Sample ID: <b>LCS</b>	SampType: <b>LCS</b>	TestCode: <b>8010_S BY 8</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11707</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173753</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	48.80	0	50	0	97.6	62.8	123				
Surr: Dibromofluoromethane	43.41	0	50	0	86.8	63.3	151				
Surr: Toluene-d8	50.79	0	50	0	102	60.8	124				

Sample ID: <b>LCSD</b>	SampType: <b>LCSD</b>	TestCode: <b>8010_S BY 8</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11707</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173779</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	54.97	0	50	0	110	62.8	123	0	0	0	
Surr: Dibromofluoromethane	57.04	0	50	0	114	63.3	151	0	0	0	
Surr: Toluene-d8	42.74	0	50	0	85.5	60.8	124	0	0	0	

Sample ID: <b>MB-G</b>	SampType: <b>MBLK</b>	TestCode: <b>TPH_GAS_S_</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11707</b>	TestNo: <b>GC-MS</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173507</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	ND	100									
Surr: 4-Bromofluorobenzene	48.36	0	50	0	96.7	57	127				

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

**CLIENT:** SES  
**Work Order:** 0701112  
**Project:**

## ANALYTICAL QC SUMMARY REPORT

**BatchID: R11707**

Sample ID: <b>LCS-G</b>	SampType: <b>LCS</b>	TestCode: <b>TPH_GAS_S_</b> Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11707</b>	TestNo: <b>GC-MS</b>	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173508</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Gasoline)	939.4	100	1000	0	93.9	48.2	132				
Surr: 4-Bromofluorobenzene	49.85	0	50	0	99.7	57	127				

Sample ID: <b>LCSD-G</b>	SampType: <b>LCSD</b>	TestCode: <b>TPH_GAS_S_</b> Units: <b>µg/Kg</b>	Prep Date: <b>1/25/2007</b>	RunNo: <b>11707</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11707</b>	TestNo: <b>GC-MS</b>	Analysis Date: <b>1/25/2007</b>	SeqNo: <b>173509</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Gasoline)	937.4	100	1000	0	93.7	48.2	132	939.4	0.210	30
Surr: 4-Bromofluorobenzene	49.50	0	50	0	99.0	57	127	0	0	0

<b>Qualifiers:</b> E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701112  
 Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: VOC11707

Sample ID: <b>MB</b>	SampType: <b>MBLK</b>	TestCode: <b>8260B_S</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>VOC11707</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173551</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	10									
Ethylbenzene	ND	10									
Methyl tert-butyl ether (MTBE)	ND	10									
Toluene	ND	10									
Xylenes, Total	ND	20									
Surr: 4-Bromofluorobenzene	53.42	0	50	0	107	62.8	123				
Surr: Dibromofluoromethane	58.61	0	50	0	117	63.3	151				
Surr: Toluene-d8	43.62	0	50	0	87.2	60.8	124				

Sample ID: <b>LCS</b>	SampType: <b>LCS</b>	TestCode: <b>8260B_S</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>VOC11707</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173552</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	45.75	10	50	0	91.5	68.2	132				
Toluene	45.41	10	50	0	90.8	49.3	119				
Surr: 4-Bromofluorobenzene	48.80	0	50	0	97.6	62.8	123				
Surr: Dibromofluoromethane	43.41	0	50	0	86.8	63.3	151				
Surr: Toluene-d8	50.79	0	50	0	102	60.8	124				

Sample ID: <b>LCSD</b>	SampType: <b>LCSD</b>	TestCode: <b>8260B_S</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>VOC11707</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173553</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	53.06	10	50	0	106	68.2	132	45.75	14.8	30	
Toluene	47.79	10	50	0	95.6	49.3	119	45.41	5.11	30	
Surr: 4-Bromofluorobenzene	54.97	0	50	0	110	62.8	123	0	0	0	
Surr: Dibromofluoromethane	57.04	0	50	0	114	63.3	151	0	0	0	
Surr: Toluene-d8	42.74	0	50	0	85.5	60.8	124	0	0	0	

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits



CLIENT: SES  
 Work Order: 0701112  
 Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: VOC11707

Sample ID: <b>0701113-021A MS</b>		SampType: <b>MS</b>		TestCode: <b>8260B_S_PE</b>		Units: <b>µg/Kg</b>		Prep Date: <b>1/25/2007</b>		RunNo: <b>11707</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>VOC11707</b>		TestNo: <b>SW8260B</b>				Analysis Date: <b>1/25/2007</b>		SeqNo: <b>173566</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	48.39	5.0	50	0	96.8	68.2	132				
Toluene	59.53	5.0	50	0	119	64.2	137				
Surr: 4-Bromofluorobenzene	60.26	0	50	0	121	62.8	123				
Surr: Dibromofluoromethane	52.95	0	50	0	106	63.3	151				
Surr: Toluene-d8	43.82	0	50	0	87.6	60.8	124				

Sample ID: <b>0701113-021A MSD</b>		SampType: <b>MSD</b>		TestCode: <b>8260B_S_PE</b>		Units: <b>µg/Kg</b>		Prep Date: <b>1/25/2007</b>		RunNo: <b>11707</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>VOC11707</b>		TestNo: <b>SW8260B</b>				Analysis Date: <b>1/25/2007</b>		SeqNo: <b>173567</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	47.24	5.0	50	0	94.5	68.2	132	48.39	2.41	30	
Toluene	59.37	5.0	50	0	119	64.2	137	59.53	0.269	30	
Surr: 4-Bromofluorobenzene	58.20	0	50	0	116	62.8	123	0	0	0	
Surr: Dibromofluoromethane	52.98	0	50	0	106	63.3	151	0	0	0	
Surr: Toluene-d8	44.57	0	50	0	89.1	60.8	124	0	0	0	

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits



→ Path: B 263-0293  
 pl. run extractibles samples shown 24 hr. rush  
 on Tom 070112

# CHAIN OF CUSTODY RECORD

Project Name: <u>Mader - Herman</u>				Turnaround Requirements		ANALYSES REQUESTED						
Job No.:				<input type="checkbox"/> 5 Working Days		TPH as gas/BTEX/MTBE Method: <input type="checkbox"/> 8015/8021 <input checked="" type="checkbox"/> 80260 TPH as diesel (8015M) <input checked="" type="checkbox"/> 8021 <input checked="" type="checkbox"/> 80260 <input checked="" type="checkbox"/> 80260 <input checked="" type="checkbox"/> 8021 <input checked="" type="checkbox"/> 80260 <input checked="" type="checkbox"/> 80260 TRPH (418.1) with silica gel column Halogenated VOCs (former 8010 list) Method: <input type="checkbox"/> 8021 <input type="checkbox"/> 80260 <input type="checkbox"/> 80260 Organochlorine Pesticides (8081) Metals: Arsenic, Pb, mercury						
Report To: <u>Tom McClure</u>				<input type="checkbox"/> 48 Hours								
Sampler (print): <u>Karel Dettler</u>				<input type="checkbox"/> 24 Hours								
Sampler (signature): <u>Karel Dettler</u>				<input type="checkbox"/> 2-3 Hours RUSH								
Electronic Deliverable Format Required: <input type="checkbox"/> YES <input type="checkbox"/> NO				QC Requirement:								
EDF LOGCODE: <input type="checkbox"/> LAMV <input type="checkbox"/> LAO <input type="checkbox"/> LAF				<input checked="" type="checkbox"/> Level A (standard)								
Global ID #:												
Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	Remarks						
S.B. Ag well 1	1/19/07	1559	001A	Soil	1 Brea	<div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <span style="font-size: 2em; font-weight: bold;">X</span> </div>						
S.B. Ag well 1		1620	002A									
10A		1625	003A									
15A		1630	004A									
SS-1 Ag well 1		1616	005A									
SS-2 Ag well 1		1618	006A									
SS1 Ag well 2		1719	007A									
SS2 Ag well 2		1720	008A									
SS1 Ag well 2		1735	009A									
SS2 ↓ 3		1737	010A									
SS1 ↓ 4		1744	011A									
SS2 ↓ 4		1747	012A									
Relinquished By: <u>Karel Dettler</u>		Date: <u>1/19/07</u>	Time: <u>1600</u>	Received By: <u>DBH 260</u>		Date: <u>1/19</u>	Time: <u>210</u>	PM Initial:				
Relinquished By: <u>Lance [Signature]</u>		Date:	Time:	Received By:		Date:	Time:					
Relinquished By:		Date:	Time:	Lab of Record:		Temp:						
		Date:	Time:	Received by Lab:		Date:	Time:					

MSB 1/23



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Road, Milpitas, CA 95035  
Phone: 408.263.5258 • FAX: 408.263.8293  
www.torrentlab.com

# CHAIN OF CUSTODY

LAB WORK ORDER NO

0701109

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

Company Name: <b>SES</b>			Location of Sampling: <b>Madera-Herman Parcel</b>		
Address: <b>110 11th St, 2nd Floor</b>			Purpose:		
City: <b>Oakland</b>	State: <b>CA</b>	Zip Code: <b>94607</b>	Special Instructions / Comments:		
Telephone: <b>510 451-2917</b> FAX: <b>510 451-1150</b>			P.O. #:		
REPORT TO: <b>Tom McCloskey</b>			SAMPLER: <b>R DeHerman</b>		
			EMAIL:		

**TURNAROUND TIME:**

10 Working Days  3 Working Days  2 - 8 Hours

7 Working Days  2 Working Days  Other

5 Working Days  24 Hours

**SAMPLE TYPE:**

Storm Water  Other

Waste Water

Ground Water

Soil

**REPORT FORMAT:**

QC Level II

EDF

Excel / EDD

### ANALYSIS REQUESTED

*Handwritten notes:*

TOH as specified in spec

Chlorinated VOCs / PAHs / KIST / TPH / HAPs

Residuals / PCBs

TDS / DO

Ambient Chloride / Sulfate / Calcium / Magnesium / Nitrate / Nitrogen / Phosphate / Potassium / Sodium / Zinc / Copper / Lead / Cadmium / Barium / Strontium / Manganese / Selenium / Vanadium / Chromium / Molybdenum / Boron / Fluoride / Chloride / Sulfate / Nitrate / Nitrogen / Phosphate / Potassium / Sodium / Zinc / Copper / Lead / Cadmium / Barium / Strontium / Manganese / Selenium / Vanadium / Chromium / Molybdenum / Boron / Fluoride

CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE	TORRENT'S SAMPLE I.D.
1. Ag Well # 4	1/19/07 1130	H <sub>2</sub> O	many	var.	
<del>2. AB-2</del>	<del>18ft RLD 1335</del>				
<del>3. A</del>	<del>20ft RLD 1340</del>				
4.					
5.					
6.					
7.					
8.					
9.					
10.					

*Handwritten note in table:* RLD

Relinquished By: <b>Rachel DeHerman</b>	Print: <b>Rachel DeHerman</b>	Date: <b>1/19/07</b>	Time: <b>1000 AM</b>	Received By: <b>LANCE</b>	Print: <b>LANCE</b>	Date: <b>1-19-07</b>	Time: <b>2:00</b>
2 Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Were Samples Received in Good Condition?  Yes  NO Samples on Ice?  Yes  NO Method of Shipment \_\_\_\_\_ Sample seals intact?  Yes  NO

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. Page \_\_\_\_\_ of \_\_\_\_\_

Log In By: \_\_\_\_\_ Date: \_\_\_\_\_ Log In Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

[www.torrentlab.com](http://www.torrentlab.com)

January 30, 2007(Rev 1)

Tom McCloskey  
SES  
110 11th Street  
Oakland, CA 94607  
TEL: (510) 451-2917  
FAX (510) 451-1150

RE:Re-issue to report DBCP.

Order No.: 0701109

Dear Tom McCloskey:

Torrent Laboratory, Inc. received 1 sample on 1/20/2007 for the analyses presented in the following report.


All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc, is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,

  
Laboratory Director

1/30/07  
Date

Patti Sandrock  
QA Officer 

---

**CLIENT:** SES  
**Project:**  
**Lab Order:** 0701109

**CASE NARRATIVE**

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Analytical Comment for Methods 8151, 8141, Alkalinity (Car,Bicarb),TKN,TP,NH3,DO, and Boron, Note: Analyses subcontracted to McCampbell Analytical, Inc ELAP certificate #1644. Results to follow on a separate cover.

Analytical Comment for Method 8081W, Note:The LCSD for 4,4'-DDT is outside of laboratory control limits (high bias). All samples were Non Detect for that compound. No corrective action is required.

Analytical comments for Method 200.7\_Dissolved: Although the Method Blank associated with QC Batch ID 11702 had a reportable level of Sodium, all associated samples had concentrations at greater than 10 times the amount found in the blank. No further corrective action is required.

Re-issue of report to report DBCP per client's request on the chain.

REV1 1/30/07



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293

Visit us at [www.torrentlab.com](http://www.torrentlab.com) email: [analysis@torrentlab.com](mailto:analysis@torrentlab.com)

Report prepared for: Tom McCloskey  
SES

Date Received: 1/20/2007  
Date Reported: 1/29/2007

Client Sample ID: Ag Well 4  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: GROUNDWATER  
Date/Time Sampled 1/19/2007

Lab Sample ID: 0701109-001  
Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
pH	E150.1	1/20/2007	0.05	1	0.050	7.34	pH units	R11668
Total Dissolved Solids (Residue, Filterable)	E160.1	1/22/2007	10	1	10	200	mg/L	R11692
Aluminium	E200.7D	1/24/2007	0.05	1	0.050	ND	mg/L	3132
Cadmium	E200.7D	1/24/2007	0.005	1	0.0050	ND	mg/L	3132
Calcium	E200.7D	1/24/2007	0.1	1	0.10	28	mg/L	3132
Chromium	E200.7D	1/24/2007	0.005	1	0.0050	ND	mg/L	3132
Copper	E200.7D	1/24/2007	0.01	1	0.010	ND	mg/L	3132
Lead	E200.7D	1/24/2007	0.015	1	0.015	ND	mg/L	3132
Magnesium	E200.7D	1/24/2007	0.05	1	0.050	8.3	mg/L	3132
Nickel	E200.7D	1/24/2007	0.01	1	0.010	ND	mg/L	3132
Potassium	E200.7D	1/24/2007	1	1	1.0	2.1	mg/L	3132
Selenium	E200.7D	1/24/2007	0.01	1	0.010	ND	mg/L	3132
Sodium	E200.7D	1/24/2007	0.2	1	0.20	25	mg/L	3132
Zinc	E200.7D	1/24/2007	0.01	1	0.010	ND	mg/L	3132
Mercury	E245.1	1/23/2007	0.0002	1	0.00020	0.00040	mg/L	3129
Chloride	E300	1/20/2007	0.5	10	5.0	18	mg/L	R11704
Fluoride	E300	1/20/2007	0.1	1	0.10	0.25	mg/L	R11704
Nitrate (As N)	E300	1/20/2007	0.2	1	0.20	1.3	mg/L	R11704
Nitrite (As N)	E300	1/20/2007	0.2	10	2.0	ND	mg/L	R11704
Orthophosphate	E300	1/20/2007	0.2	1	0.20	ND	mg/L	R11704
Sulfate	E300	1/20/2007	0.5	1	0.50	5.1	mg/L	R11704
TPH (Gasoline)	GC-MS	1/25/2007	50	1	50	ND	µg/L	R11696
Surr: 4-Bromofluorobenzene	GC-MS	1/25/2007	0	1	58.4-133	89.8	%REC	R11696

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Tom McCloskey  
SES

Date Received: 1/20/2007

Date Reported: 1/29/2007

<b>Client Sample ID:</b> Ag Well 4	<b>Lab Sample ID:</b> 0701109-001
<b>Sample Location:</b> Madera-Herman Parcels,CA	<b>Date Prepared:</b> 1/22/2007
<b>Sample Matrix:</b> GROUNDWATER	
<b>Date/Time Sampled</b> 1/19/2007	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	1/23/2007	0.1	1	0.100	ND	mg/L	R11672
TPH (Motor Oil)	SW8015B	1/23/2007	0.2	1	0.200	0.217	mg/L	R11672
Surr: Pentacosane	SW8015B	1/23/2007	0	1	40-120	74.0	%REC	R11672
1,2-Dibromo-3-chloropropane	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
4,4'-DDD	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
4,4'-DDE	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
4,4'-DDT	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Aldrin	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
alpha-BHC	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
alpha-Chlordane	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
beta-BHC	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Chlordane	SW8081A	1/24/2007	0.25	1	0.250	ND	µg/L	R11701
delta-BHC	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Dieldrin	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endosulfan I	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endosulfan II	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endosulfan sulfate	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endrin	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endrin aldehyde	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endrin ketone	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
gamma-BHC	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
gamma-Chlordane	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Heptachlor	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Heptachlor epoxide	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Methoxychlor	SW8081A	1/24/2007	0.05	1	0.050	ND	µg/L	R11701
Oxyfluorfen	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Toxaphene	SW8081A	1/24/2007	1	1	1.00	ND	µg/L	R11701
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	52-116	96.2	%REC	R11701
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	40.3-118	80.0	%REC	R11701



Report prepared for: Tom McCloskey  
SES

Date Received: 1/20/2007

Date Reported: 1/29/2007

Client Sample ID: Ag Well 4  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: GROUNDWATER  
Date/Time Sampled 1/19/2007

Lab Sample ID: 0701109-001

Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1-Dichloroethane	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
1,1-Dichloroethene	SW8260B	1/25/2007	1	1	1.00	ND	µg/L	R11711
1,1-Dichloropropene	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
1,2-Dichlorobenzene	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
1,2-Dichloroethane (EDC)	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
1,2-Dichloropropane	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
1,3-Dichlorobenzene	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
1,4-Dichlorobenzene	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
2-Chloroethyl vinyl ether	SW8260B	1/25/2007	1	1	1.00	ND	µg/L	R11711
Bromodichloromethane	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
Bromoform	SW8260B	1/25/2007	1	1	1.00	ND	µg/L	R11711
Bromomethane	SW8260B	1/25/2007	1	1	1.00	ND	µg/L	R11711
Carbon tetrachloride	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
Chlorobenzene	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
Chloroform	SW8260B	1/25/2007	1	1	1.00	ND	µg/L	R11711
Chloromethane	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
cis-1,2-Dichloroethene	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
cis-1,3-Dichloropropene	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
Dibromochloromethane	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
Dichlorodifluoromethane	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
Freon-113	SW8260B	1/25/2007	1	1	1.00	ND	µg/L	R11711
Methylene chloride	SW8260B	1/25/2007	1	1	1.00	ND	µg/L	R11711
Tetrachloroethene	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
trans-1,2-Dichloroethene	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
trans-1,3-Dichloropropene	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
Trichloroethene	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
Trichlorofluoromethane	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
Vinyl chloride	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
Surr: Dibromofluoromethane	SW8260B	1/25/2007	0	1	61.2-131	116	%REC	R11711
Surr: 4-Bromofluorobenzene	SW8260B	1/25/2007	0	1	64.1-120	94.1	%REC	R11711
Surr: Toluene-d8	SW8260B	1/25/2007	0	1	75.1-127	109	%REC	R11711
Benzene	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
Ethylbenzene	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
Methyl tert-butyl ether (MTBE)	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
Toluene	SW8260B	1/25/2007	0.5	1	0.500	ND	µg/L	R11711
Xylenes, Total	SW8260B	1/25/2007	1.5	1	1.50	ND	µg/L	R11711
Surr: Dibromofluoromethane	SW8260B	1/25/2007	0	1	61.2-131	116	%REC	R11711
Surr: 4-Bromofluorobenzene	SW8260B	1/25/2007	0	1	64.1-120	94.1	%REC	R11711
Surr: Toluene-d8	SW8260B	1/25/2007	0	1	75.1-127	109	%REC	R11711

**Definitions, legends and Notes**

<b>Note</b>	<b>Description</b>
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #



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Telephone: 877-252-9262 Fax: 925-252-9269

Torrent Laboratory, Inc.  483 Sinclair Frontage Road  Milpitas, CA 95035	Client Project ID: #Ground Water	Date Sampled: 01/19/07
		Date Received: 01/22/07
	Client Contact: Anu Patel	Date Extracted: 01/22/07
	Client P.O.:	Date Analyzed: 01/25/07

### Organophosphorous Pesticides by GC-NPD (Basic Target List)\*

Extraction Method: SW3535A

Analytical Method: SW8141B

Work Order: 0701420

Lab ID	0701420-001G	Client ID	0701109-001A	Matrix	W	DF	1	Reporting Limit for DF =1	
								S	W
Compound	Concentration						µg/kg	µg/L	
Alachlor	ND							NA	1.0
Atrazine	ND							NA	0.5
Azinphos methyl (Guthion)	ND							NA	1.0
Bolstar (Sulprofos)	ND							NA	1.0
Chloropyrifos	ND							NA	1.0
Coumaphos	ND							NA	1.0
Demeton-O	ND							NA	1.0
Diazinon	ND							NA	0.25
Dichlorvos (DDVP)	ND							NA	1.0
Dimethoate	ND							NA	2.5
Disulfoton (Di-Syston)	ND							NA	0.5
EPN	ND							NA	1.0
EPTC	ND							NA	1.0
Ethion	ND							NA	1.0
Ethoprop	ND							NA	1.0
Fensulfothion	ND							NA	1.0
Fenthion	ND							NA	2.5
Fonofos	ND							NA	0.5
Malathion	ND							NA	1.0
Merphos	ND							NA	1.0
Mevinphos (Phosdrin)	ND							NA	1.0
Molinate	ND							NA	0.9
Ethyl parathion	ND							NA	1.0
Methyl parathion	ND							NA	1.0
Phorate (Thimet)	ND							NA	1.0
Prometon	ND							NA	0.5
Ronnel	ND							NA	1.0
Simazine	ND							NA	1.0
Stirofos (Tetrachlorvinphos)	ND							NA	1.0
Terbacil	ND							NA	2.0
Terbufos (Terbuphos)	ND							NA	0.5
Thiobencarb	ND							NA	1.0
Tokuthion (Prothiofos)	ND							NA	2.5
Trichloronate (Agritox)	ND							NA	1.0

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		Date Received: 01/22/07
	Client Contact: Anu Patel	Date Extracted: 01/22/07
	Client P.O.:	Date Analyzed: 01/25/07

**Organophosphorous Pesticides by GC-NPD (Basic Target List)\***

Extraction Method: SW3535A

Analytical Method: SW8141B

Work Order: 0701420

Lab ID	0701420-001G				Reporting Limit for DF =1	
Client ID	0701109-001A				S	W
Matrix	W					
DF	1					
<b>Compound</b>	<b>Concentration</b>				µg/kg	µg/L

**Surrogate Recoveries (%)**

%SS:	87				
<b>Comments</b>					

\* water samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

# cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains >~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference/cluttered chromatogram; J) analyte detected below quantitation limits; k) results reported on a dry weight basis; p) see attached narrative.



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Torrent Laboratory, Inc.  483 Sinclair Frontage Road  Milpitas, CA 95035	Client Project ID: #Ground Water	Date Sampled: 01/19/07
		Date Received: 01/22/07
	Client Contact: Anu Patel	Date Extracted: 01/22/07
	Client P.O.:	Date Analyzed 01/24/07

### Chlorinated Herbicides by GC-ECD (Basic Target List)\*

Extraction Method: SW3510C

Analytical Method: SW8151A

Work Order: 0701420

Lab ID	0701420-001H				Reporting Limit for DF =1	
Client ID	0701109-001A					
Matrix	W				S	W
DF	1					

Compound	Concentration				µg/Kg	µg/L
Acifluorfen	ND				NA	1.0
Bentazon	ND				NA	1.0
Chloramben	ND				NA	1.0
2,4-D (Dichlorophenoxyacetic acid)	ND				NA	1.0
2,4-DB	ND				NA	1.0
Dalapon	ND				NA	1.0
DCPA (mono & diacid)	ND				NA	0.2
Dicamba	ND				NA	1.0
3,5-Dichlorobenzoic Acid	ND				NA	1.0
Dichloroprop	ND				NA	1.0
Dinoseb (DNBP)	ND				NA	1.0
MCPA	ND				NA	100
MCPP	ND				NA	100
4-Nitrophenol	ND				NA	1.0
Pentachlorophenol (PCP)	ND				NA	0.2
Picloram	ND				NA	1.0
2,4,5-T (Trichlorophenoxy acetic acid)	ND				NA	1.0
2,4,5-TP (Silvex)	ND				NA	1.0

### Surrogate Recoveries (%)

%SS:	113				
------	-----	--	--	--	--

### Comments

\* water samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

# cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains >~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference/cluttered chromatogram; k) results reported on a dry weight basis; p) see attached narrative.



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Torrent Laboratory, Inc.  483 Sinclair Frontage Road  Milpitas, CA 95035	Client Project ID: #Ground Water	Date Sampled: 01/19/07
		Date Received: 01/22/07
	Client Contact: Anu Patel	Date Extracted: 01/22/07
	Client P.O.:	Date Analyzed 01/22/07

### Total & Speciated Alkalinity as Calcium Carbonate\*

Extraction method SM2320B

Analytical methods SM2320B

Work Order: 0701420

Lab ID	Client ID	Matrix	Total*	Carbonate*	Bicarbonate*	Hydroxide*	DF
001B	0701109-001A	W	147	ND	147	ND	1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	1.0	1.0	1.0	1.0	mg CaCO <sub>3</sub> /L
	S	NA	NA	NA	NA	mg/Kg

\*water samples are reported in mg calcium carbonate/L. Hydroxide, Carbonate & Bicarbonate alkalinity measure @ end-point of pH = 8.3 & 4.5 per SM2320B.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment



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		Date Received: 01/22/07
	Client Contact: Anu Patel	Date Extracted: 01/23/07
	Client P.O.:	Date Analyzed 01/23/07

### Ammonia as N\*

Analytical Method: SM4500-NH3 G

Work Order: 0701420

Lab ID	Client ID	Matrix	Total Ammonia as N	DF
0701420-001E	0701109-001A	W	ND	1

Reporting Limit for DF = 1; ND means not detected at or above the reporting limit	W	0.2 mg/L	
	S	NA	

\*water/product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to matrix interference; m) reporting limit raised due to insufficient sample amount; r) results are reported on a dry weight basis.



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Torrent Laboratory, Inc. 483 Sinclair Frontage Road Milpitas, CA 95035	Client Project ID: #Ground Water	Date Sampled: 01/19/07
		Date Received: 01/22/07
	Client Contact: Anu Patel	Date Extracted: 01/22/07
	Client P.O.:	Date Analyzed 01/22/07

**Dissolved Oxygen**

Analytical Method: SM4500OG

Work Order: 0701420

Lab ID	Client ID	Matrix	Dissolved Oxygen
0701420-001A	0701109-001A	W	7.51 @ 17.9 °C

Reporting Limit for DF = 1; ND means not detected at or above the reporting limit	W	1.0 mg DO/L @ °C
	S	NA





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Torrent Laboratory, Inc.  483 Sinclair Frontage Road  Milpitas, CA 95035	Client Project ID: #Ground Water	Date Sampled: 01/19/07
		Date Received: 01/22/07
	Client Contact: Anu Patel	Date Extracted: 01/22/07
	Client P.O.:	Date Analyzed 01/24/07

**Metals\***

Extraction method E200.8 Analytical methods E200.8 Work Order: 0701420

Lab ID	Client ID	Matrix	Extraction	Boron	DF	% SS
0701420-001D	0701109-001A	W	DISS.	17	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	DISS.	1.6	µg/L
	S	TTLC	NA	mg/Kg

\*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

# means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery; n) results are reported on a dry weight basis; p) see attached narrative.



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		Date Received: 01/22/07
	Client Contact: Anu Patel	Date Extracted: 01/23/07
	Client P.O.:	Date Analyzed 01/23/07

### Total Kjeldahl Nitrogen\*

Analytical Method: E351.2

Work Order: 0701420

Lab ID	Client ID	Matrix	TKN as N	DF
0701420-001F	0701109-001A	W	ND	1

Reporting Limit for DF = 1; ND means not detected at or above the reporting limit	W	0.6 mg/L
	S	NA

\*water/product/oil/non-aqueous liquid samples are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to matrix interference; n) reporting limit raised due to the nature of the sample.

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Torrent Laboratory, Inc.  483 Sinclair Frontage Road  Milpitas, CA 95035	Client Project ID: #Ground Water	Date Sampled: 01/19/07
		Date Received: 01/22/07
	Client Contact: Anu Patel	Date Extracted: 01/23/07
	Client P.O.:	Date Analyzed 01/23/07

**Total Phosphorous as P\***

Analytical Method: E365.1

Work Order: 0701420

Lab ID	Client ID	Matrix	Total Phosphorous as P	DF
0701420-001C	0701109-001A	W	0.061	1

Reporting Limit for DF = 1; ND means not detected at or above the reporting limit	W	0.04 mg/L
	S	NA

\*water/product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

i) liquid sample contains greater than ~1 vol. % sediment; J) analyte detected below quantitation limits.



**QC SUMMARY REPORT FOR SM4500-NH3 G**

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0701420

EPA Method SM4500-NH3 G		Extraction SM4500-NH3 G				BatchID: 25833			Spiked Sample ID: 0701418-001F			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Total Ammonia as N	ND	4	89.2	92.9	4.03	90	91.8	1.95	80 - 120	20	90 - 110	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 25833 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0701420-001	1/19/07	1/23/07	1/23/07 1:37 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.



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### QC SUMMARY REPORT FOR SW8141B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0701420

EPA Method SW8141B		Extraction SW3535A				BatchID: 25853			Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Diazinon	N/A	2.5	N/A	N/A	N/A	70.4	72.1	2.40	N/A	N/A	60 - 140	30
Disulfoton (Di-Syston)	N/A	2.5	N/A	N/A	N/A	77.1	75.7	1.79	N/A	N/A	60 - 140	30
Fenthion	N/A	2.5	N/A	N/A	N/A	73.1	72.4	1.01	N/A	N/A	60 - 140	30
Methyl parathion	N/A	2.5	N/A	N/A	N/A	81.5	81.5	0	N/A	N/A	60 - 140	30
%SS:	N/A	0.50	N/A	N/A	N/A	107	101	6.17	N/A	N/A	60 - 140	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:  
NONE

#### BATCH 25853 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0701420-001	1/19/07	1/22/07	1/25/07 2:16 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery =  $100 * (MS - Sample) / (Amount Spiked)$ ; RPD =  $100 * (MS - MSD) / ((MS + MSD) / 2)$ .

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.



**QC SUMMARY REPORT FOR SW8151A**

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0701420

EPA Method SW8151A	Extraction SW3510C			BatchID: 25800			Spiked Sample ID: N/A					
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
2,4-D (Dichlorophenoxyacetic a	N/A	10	N/A	N/A	N/A	103	101	1.77	N/A	N/A	60 - 140	30
2,4-DB	N/A	10	N/A	N/A	N/A	125	121	3.44	N/A	N/A	60 - 140	30
Dalapon	N/A	10	N/A	N/A	N/A	85.6	104	19.6	N/A	N/A	60 - 140	30
Dicamba	N/A	10	N/A	N/A	N/A	120	126	4.48	N/A	N/A	60 - 140	30
2,4,5-TP (Silvex)	N/A	10	N/A	N/A	N/A	125	123	1.98	N/A	N/A	60 - 140	30
%SS:	N/A	10	N/A	N/A	N/A	117	119	1.71	N/A	N/A	60 - 140	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 25800 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0701420-001	1/19/07	1/22/07	1/24/07 8:26 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.



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**QC SUMMARY REPORT FOR WET CHEMISTRY TESTS**

**Test Method: Alkalinity**

**Matrix: W**

**WorkOrder: 0701420**

Method Name: SM2320B			Units mg CaCO3/L			BatchID: 25845
SampleID	Sample	DF	Dup / Ser. Dil.	DF	% RPD	Acceptance Criteria (%)
0701420-001B	147	1	151	1	2.82	<20

BATCH 25845 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0701420-001B	1/19/07	1/22/07	1/22/07 10:15 PM				

**Test Method: Dissolved Oxygen**

**Matrix: W**

**WorkOrder: 0701420**

Method Name: SM4500OG			Units mg DO/L @ °C			BatchID: 25849
SampleID	Sample	DF	Dup / Ser. Dil.	DF	RD	Acceptance Criteria
0701420-001A	7.51 @ 17.9 °C	1	7.52 @ 17.8 °C	1	0.01	±0.05

BATCH 25849 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0701420-001A	1/19/07	1/22/07	1/22/07 7:30 PM				

Dup = Duplicate; Ser. Dil. = Serial Dilution; MS = Matrix Spike; RD = Relative Difference; RPD = Relative Percent Deviation.

RD = Absolute Value {Sample - Duplicate}; RPD = 100 \* (Sample - Duplicate) / [(Sample + Duplicate) / 2].



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### QC SUMMARY REPORT FOR E365.1

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0701420

EPA Method E365.1	Extraction E365.1			BatchID: 25785			Spiked Sample ID: 0701332-007E					
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Total Phosphorous as P	0.26	0.80	100	101	0.243	103	104	1.34	80 - 120	20	90 - 110	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

#### BATCH 25785 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0701420-001	1/19/07	1/23/07	1/23/07 1:20 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery =  $100 * (MS - Sample) / (Amount Spiked)$ ; RPD =  $100 * (MS - MSD) / ((MS + MSD) / 2)$ .

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.





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## QC SUMMARY REPORT FOR E200.8

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0701420

EPA Method E200.8		Extraction E200.8				BatchID: 25836			Spiked Sample ID: 0701419-004A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Molybdenum	9.2	10	96.3	95.1	0.639	95	94	1.08	75 - 125	20	85 - 115	20
Selenium	1.0	10	105	102	2.20	102	103	0.866	75 - 125	20	85 - 115	20
Vanadium	19	10	96.4	98.4	0.684	97.4	97.8	0.420	75 - 125	20	85 - 115	20
%SS:	104	750	104	106	2.62	104	103	0.450	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:  
NONE

### BATCH 25836 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0701420-001	1/19/07	1/22/07	1/24/07 9:39 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery =  $100 * (MS - Sample) / (Amount Spiked)$ ; RPD =  $100 * (MS - MSD) / ((MS + MSD) / 2)$ .

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.



**QC SUMMARY REPORT FOR E351.2**

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0701420

EPA Method E351.2		Extraction E351.2				BatchID: 25852			Spiked Sample ID: 0701418-001B			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TKN as N	ND	12	89.1	88.2	1.00	103	101	1.87	80 - 120	20	90 - 110	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 25852 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0701420-001	1/19/07	1/23/07	1/23/07 1:23 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

CLIENT: SES  
 Work Order: 0701109  
 Project:

**ANALYTICAL QC SUMMARY REPORT**

TestCode: 200.7 DISSOLVED

Sample ID	MB-3132	SampType:	MBLK	TestCode:	200.7_DISSO	Units:	mg/L	Prep Date:	1/23/2007	RunNo:	11702
Client ID:	ZZZZZ	Batch ID:	3132	TestNo:	E200.7D		(E200.7D/SW	Analysis Date:	1/24/2007	SeqNo:	173404

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminium	ND	0.050									
Cadmium	ND	0.0050									
Calcium	ND	0.10									
Chromium	ND	0.0050									
Copper	ND	0.010									
Lead	ND	0.015									
Magnesium	ND	0.050									
Nickel	ND	0.010									
Potassium	ND	1.0									
Sodium	0.2878	0.20									
Zinc	ND	0.010									

Sample ID	LCS-3132	SampType:	LCS	TestCode:	200.7_DISSO	Units:	mg/L	Prep Date:	1/23/2007	RunNo:	11702
Client ID:	ZZZZZ	Batch ID:	3132	TestNo:	E200.7D		(E200.7D/SW	Analysis Date:	1/24/2007	SeqNo:	173402

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminium	10.72	0.050	10	0	107	80	120				
Cadmium	1.025	0.0050	1	0.00107	102	80	120				
Calcium	10.82	0.10	10	0.03745	108	80	120				
Chromium	1.024	0.0050	1	0	102	80	120				
Copper	1.026	0.010	1	0	103	80	120				
Lead	1.019	0.015	1	0	102	80	120				
Magnesium	10.73	0.050	10	0	107	80	120				
Nickel	1.023	0.010	1	0	102	80	120				
Potassium	9.990	1.0	10	0	99.9	80	120				
Sodium	10.84	0.20	10	0.2878	106	80	120				B
Zinc	1.036	0.010	1	0.00321	103	80	120				

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701109  
 Project:

## ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7\_DISSOLVED

Sample ID	SampType:	TestCode:	Units:	Prep Date:	RunNo:						
LCSD-3132	LCSD	200.7_DISSO	mg/L	1/23/2007	11702						
Client ID:	Batch ID:	TestNo:	(E200.7D/SW	Analysis Date:	SeqNo:						
ZZZZZ	3132	E200.7D		1/24/2007	173403						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminium	10.49	0.050	10	0	105	80	120	10.72	2.14	20	
Cadmium	0.9994	0.0050	1	0.00107	99.8	80	120	1.025	2.54	20	
Calcium	10.51	0.10	10	0.03745	105	80	120	10.82	2.93	20	
Chromium	1.002	0.0050	1	0	100	80	120	1.024	2.22	20	
Copper	0.9940	0.010	1	0	99.4	80	120	1.026	3.18	20	
Lead	1.043	0.015	1	0	104	80	120	1.019	2.39	20	
Magnesium	10.48	0.050	10	0	105	80	120	10.73	2.38	20	
Nickel	1.004	0.010	1	0	100	80	120	1.023	1.90	20	
Potassium	10.19	1.0	10	0	102	80	120	9.99	2.00	20	
Sodium	10.45	0.20	10	0.2878	102	80	120	10.84	3.69	20	B
Zinc	1.018	0.010	1	0.00321	101	80	120	1.036	1.77	20	

<b>Qualifiers:</b>	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits
		J Analyte detected below quantitation limits
		S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701109  
 Project:

## ANALYTICAL QC SUMMARY REPORT

TestCode: 8081W

Sample ID	SampType	TestCode	Units	Prep Date	RunNo						
WP070123A-MB	MBLK	8081W	µg/L	1/23/2007	11701						
Client ID	Batch ID	TestNo		Analysis Date	SeqNo						
ZZZZZ	R11701	SW8081A		1/24/2007	173385						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	0.0200									
4,4'-DDE	ND	0.0200									
4,4'-DDT	ND	0.0200									
Aldrin	ND	0.0200									
alpha-BHC	ND	0.0200									
alpha-Chlordane	ND	0.0200									
beta-BHC	ND	0.0200									
Chlordane	ND	0.250									
delta-BHC	ND	0.0200									
Dieldrin	ND	0.0200									
Endosulfan I	ND	0.0200									
Endosulfan II	ND	0.0200									
Endosulfan sulfate	ND	0.0200									
Endrin	ND	0.0200									
Endrin aldehyde	ND	0.0200									
Endrin ketone	ND	0.0200									
gamma-BHC	ND	0.0200									
gamma-Chlordane	ND	0.0200									
Heptachlor	ND	0.0200									
Heptachlor epoxide	ND	0.0200									
Methoxychlor	ND	0.0500									
Oxyfluorfen	ND	0.0200									
Toxaphene	ND	1.00									
Surr: Decachlorobiphenyl	0.1944	0	0.25	0	77.8	52	116				
Surr: Tetrachloro-m-xylene	0.1673	0	0.25	0	66.9	40.3	118				

Sample ID	SampType	TestCode	Units	Prep Date	RunNo						
WP070123A-LCS	LCS	8081W	µg/L	1/23/2007	11701						
Client ID	Batch ID	TestNo		Analysis Date	SeqNo						
ZZZZZ	R11701	SW8081A		1/24/2007	173386						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701109

## ANALYTICAL QC SUMMARY REPORT

Project:

TestCode: 8081W

Sample ID	SampType	TestCode	Units	Prep Date	RunNo
WP070123A-LCS	LCS	8081W	µg/L	1/23/2007	11701
Client ID: ZZZZZ	Batch ID: R11701	TestNo: SW8081A		Analysis Date: 1/24/2007	SeqNo: 173386

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	0.1104	0.0200	0.1	0	110	58.4	126				
Aldrin	0.08319	0.0200	0.1	0	83.2	55.3	101				
Dieldrin	0.09553	0.0200	0.1	0	95.5	60.3	116				
Endrin	0.09892	0.0200	0.1	0	98.9	60.4	134				
gamma-BHC	0.09889	0.0200	0.1	0	98.9	61.6	135				
Heptachlor	0.08439	0.0200	0.1	0	84.4	60	97.8				
Surr: Decachlorobiphenyl	0.2392	0	0.25	0	95.7	52	116				
Surr: Tetrachloro-m-xylene	0.2215	0	0.25	0	88.6	40.3	118				

Sample ID	SampType	TestCode	Units	Prep Date	RunNo
WP070123A-LCSD	LCSD	8081W	µg/L	1/23/2007	11701
Client ID: ZZZZZ	Batch ID: R11701	TestNo: SW8081A		Analysis Date: 1/24/2007	SeqNo: 173387

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	0.1292	0.0200	0.1	0	129	58.4	126	0.1104	15.7	35	S
Aldrin	0.09384	0.0200	0.1	0	93.8	55.3	101	0.08319	12.0	35	
Dieldrin	0.1094	0.0200	0.1	0	109	60.3	116	0.09553	13.6	35	
Endrin	0.1135	0.0200	0.1	0	113	60.4	134	0.09892	13.7	35	
gamma-BHC	0.1125	0.0200	0.1	0	113	61.6	135	0.09889	12.9	35	
Heptachlor	0.09050	0.0200	0.1	0	90.5	60	97.8	0.08439	6.99	35	
Surr: Decachlorobiphenyl	0.2387	0	0.25	0	95.5	52	116	0	0	0	
Surr: Tetrachloro-m-xylene	0.2480	0	0.25	0	99.2	40.3	118	0	0	0	

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701109  
 Project:

## ANALYTICAL QC SUMMARY REPORT

TestCode: ANIONS\_W

Sample ID <b>MBLK</b>	SampType: <b>MBLK</b>	TestCode: <b>ANIONS_W</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>11704</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11704</b>	TestNo: <b>E300</b>		Analysis Date: <b>1/20/2007</b>	SeqNo: <b>173444</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	ND	0.50									
Fluoride	ND	0.10									
Nitrate (As N)	ND	0.20									
Nitrite (As N)	ND	0.20									
Orthophosphate	ND	0.20									
Sulfate	ND	0.50									

Sample ID <b>LCS</b>	SampType: <b>LCS</b>	TestCode: <b>ANIONS_W</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>11704</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11704</b>	TestNo: <b>E300</b>		Analysis Date: <b>1/20/2007</b>	SeqNo: <b>173442</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	4.710	0.50	5	0	94.2	80	120				
Fluoride	4.708	0.10	5	0	94.2	80	120				
Nitrate (As N)	4.495	0.20	5	0	89.9	80	120				
Nitrite (As N)	4.670	0.20	5	0	93.4	80	120				
Orthophosphate	4.680	0.20	5	0	93.6	80	120				
Sulfate	4.769	0.50	5	0	95.4	80	120				

Sample ID <b>LCSD</b>	SampType: <b>LCSD</b>	TestCode: <b>ANIONS_W</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>11704</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11704</b>	TestNo: <b>E300</b>		Analysis Date: <b>1/20/2007</b>	SeqNo: <b>173443</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	4.467	0.50	5	0	89.3	80	120	4.71	5.30	20	
Fluoride	4.693	0.10	5	0	93.9	80	120	4.708	0.319	20	
Nitrate (As N)	4.509	0.20	5	0	90.2	80	120	4.495	0.311	20	
Nitrite (As N)	4.443	0.20	5	0	88.9	80	120	4.67	4.98	25	
Orthophosphate	4.771	0.20	5	0	95.4	80	120	4.68	1.93	20	
Sulfate	4.937	0.50	5	0	98.7	80	120	4.769	3.46	20	

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701109  
 Project:

## ANALYTICAL QC SUMMARY REPORT

TestCode: HG\_DW DISS\_245.1

Sample ID <b>MB-3129</b>	SampType: <b>MBLK</b>	TestCode: <b>HG_DW DISS</b>	Units: <b>mg/L</b>	Prep Date: <b>1/22/2007</b>	RunNo: <b>11687</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3129</b>	TestNo: <b>E245.1</b>	<b>(E245.1PR)</b>	Analysis Date: <b>1/23/2007</b>	SeqNo: <b>173185</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.0002000	0.00020									

Sample ID <b>LCS-3129</b>	SampType: <b>LCS</b>	TestCode: <b>HG_DW DISS</b>	Units: <b>mg/L</b>	Prep Date: <b>1/22/2007</b>	RunNo: <b>11687</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3129</b>	TestNo: <b>E245.1</b>	<b>(E245.1PR)</b>	Analysis Date: <b>1/23/2007</b>	SeqNo: <b>173183</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.01620	0.00020	0.015	0.0002	107	80	120				

Sample ID <b>LCSD-3129</b>	SampType: <b>LCSD</b>	TestCode: <b>HG_DW DISS</b>	Units: <b>mg/L</b>	Prep Date: <b>1/22/2007</b>	RunNo: <b>11687</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3129</b>	TestNo: <b>E245.1</b>	<b>(E245.1PR)</b>	Analysis Date: <b>1/23/2007</b>	SeqNo: <b>173184</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.01650	0.00020	0.015	0.0002	109	80	120	0.0162	1.83	20	

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits



CLIENT: SES  
Work Order: 0701109  
Project:

## ANALYTICAL QC SUMMARY REPORT

TestCode: TDS\_W

Sample ID	MB-R11692	SampType:	MBLK	TestCode:	TDS_W	Units:	mg/L	Prep Date:	1/22/2007	RunNo:	11692		
Client ID:	ZZZZZ	Batch ID:	R11692	TestNo:	E160.1			Analysis Date:	1/22/2007	SeqNo:	173250		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		ND		10									

Qualifiers: E Value above quantitation range  
ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits

J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits

**CLIENT:** SES  
**Work Order:** 0701109  
**Project:**

## ANALYTICAL QC SUMMARY REPORT

**TestCode:** TPHDOSG\_W

Sample ID	<b>WDSG070122A-MB</b>	SampType:	<b>MBLK</b>	TestCode:	<b>TPHDOSG_</b>	Units:	<b>mg/L</b>	Prep Date:	<b>1/22/2007</b>	RunNo:	<b>11672</b>
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>R11672</b>	TestNo:	<b>SW8015B</b>	Analysis Date:	<b>1/22/2007</b>	SeqNo:	<b>172830</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	ND	0.0280									
TPH (Motor Oil)	ND	0.0140									
Surr: Pentacosane	0.07200	0	0.1	0	72.0	40	120				

Sample ID	<b>WDSG070122A-LCS</b>	SampType:	<b>LCS</b>	TestCode:	<b>TPHDOSG_</b>	Units:	<b>mg/L</b>	Prep Date:	<b>1/22/2007</b>	RunNo:	<b>11672</b>
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>R11672</b>	TestNo:	<b>SW8015B</b>	Analysis Date:	<b>1/22/2007</b>	SeqNo:	<b>172831</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	0.4380	0.0280	1	0	43.8	30	68.5				
Surr: Pentacosane	0.07200	0	0.1	0	72.0	46.8	104				

Sample ID	<b>WDSG070122A-LCS</b>	SampType:	<b>LCSD</b>	TestCode:	<b>TPHDOSG_</b>	Units:	<b>mg/L</b>	Prep Date:	<b>1/22/2007</b>	RunNo:	<b>11672</b>
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>R11672</b>	TestNo:	<b>SW8015B</b>	Analysis Date:	<b>1/22/2007</b>	SeqNo:	<b>172832</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	0.4960	0.0280	1	0	49.6	30	68.5	0.438	12.4	30	
Surr: Pentacosane	0.07500	0	0.1	0	75.0	46.8	104	0	0	0	

<b>Qualifiers:</b>	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Road, Milpitas, CA 95035  
Phone: 408.263.5258 • FAX: 408.263.8293  
www.torrentlab.com

# CHAIN OF CUSTODY

LAB WORK ORDER NO

0701107

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

Company Name: <b>SES</b>			Location of Sampling: <b>Madera-Herman Parcels, CA</b>		
Address: <b>110 11th St. 2nd Floor</b>			Purpose:		
City: <b>Oakland</b>	State: <b>CA</b>	Zip Code: <b>94607</b>	Special Instructions / Comments:		
Telephone: <b>510 451-1761</b> FAX: <b>510 451-1150</b>					
REPORT TO: <b>Tom McCloskey</b> SAMPLER: <b>K. Detterman</b>			P.O. #: EMAIL:		

### TURNAROUND TIME:

- 10 Working Days    3 Working Days    2 - 8 Hours  
 7 Working Days    2 Working Days    Other  
 5 Working Days    24 Hours

### SAMPLE TYPE:

- Storm Water    Other  
 Waste Water  
 Ground Water  
 Soil

### REPORT FORMAT:

- QC Level II  
 EDF  
 Excel / EDD

### ANALYSIS REQUESTED

CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE	Pesticides	Arsenic	Lead	Mercury	TORRENT'S SAMPLE I.D.
1. Ag-1	1/17/07 1548	Soil	1 brass liner						001A
2. Ag-2	1604								002A
3. Ag-3	1628								003A
4. Ag-4	1638								004A
5. Ag-5	1646								005A
6. Ag-6	1658								006A
7. Ag-7	1705								007A
8. Ag-8	1/18/07 0858								008A
9. Ag-9	0915								009A
10. Ag-10	0931				✓	✓	✓	✓	010A

1 Relinquished By: <u>Karel Detterman</u>	Print: <u>Karel Detterman</u>	Date: <u>1/19/07</u>	Time: <u>1000AM</u>	Received By: <u>Serge</u>	Print: <u>Serge</u>	Date: <u>1/19/07</u>	Time: <u>10:AM</u>
2 Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Were Samples Received in Good Condition?  Yes  NO   Samples on Ice?  Yes  NO   Method of Shipment \_\_\_\_\_   Sample seals intact?  Yes  NO

NOTE: Samples ( ) are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.   Page ( ) of ( )

Log In By: \_\_\_\_\_ Date: \_\_\_\_\_   Log In Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Road, Milpitas, CA 95035  
Phone: 408.263.5258 • FAX: 408.263.8293  
www.torrentlab.com

# CHAIN OF CUSTODY

LAB WORK ORDER NO

0701107

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

Company Name: <b>SES</b>			Location of Sampling: <b>Madera-Herman Parcels, CA</b>		
Address: <b>110 11th St 2nd Floor</b>			Purpose:		
City: <b>Oakland</b>	State: <b>CA</b>	Zip Code: <b>94607</b>	Special Instructions / Comments:		
Telephone: <b>510 451 1761</b> FAX: <b>451-1150</b>					
REPORT TO: <b>Tom McCloskey</b> SAMPLER: <b>K DeHorn</b>			P.O. #: EMAIL:		

### TURNAROUND TIME:

- 10 Working Days    3 Working Days    2 - 8 Hours  
 7 Working Days    2 Working Days    Other  
 5 Working Days    24 Hours

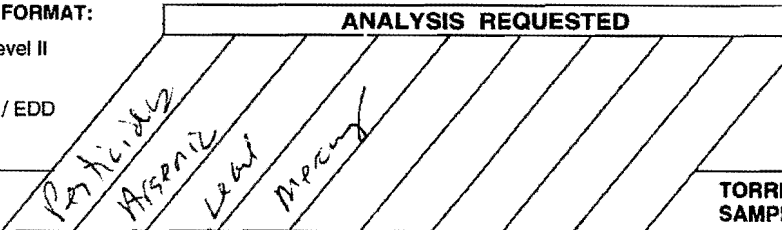
### SAMPLE TYPE:

- Storm Water    Other  
 Waste Water  
 Ground Water  
 Soil

### REPORT FORMAT:

- QC Level II  
 EDF  
 Excel / EDD

### ANALYSIS REQUESTED



CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE	Particulates	Arsenic	Lead	Mercury	TORRENT'S SAMPLE I.D.
1. Ag-11	1/18/07 0954	soil	1	Brass Liner	↓	↓	↓	↓	011A
2. Ag-12	1023	↓	↓	↓	↓	↓	↓	↓	012A
3. Ag-13	1049	↓	↓	↓	↓	↓	↓	↓	013A
4. Ag-14	110	↓	↓	↓	↓	↓	↓	↓	014A
5. Ag-15	1125	↓	↓	↓	↓	↓	↓	↓	015A
6.									
7.									
8.									
9.									
10.									

1. Relinquished By: <b>Karel DeHorn</b> Print: <b>Karel DeHorn</b>	Date: <b>1/19/07</b>	Time: <b>10:00 AM</b>	Received By: <b>Sergei</b> Print: <b>Sergei</b>	Date: <b>1/19/07</b>	Time: <b>10:00 AM</b>
2. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Were Samples Received in Good Condition?  Yes  NO   Samples on Ice?  Yes  NO   Method of Shipment \_\_\_\_\_   Sample seals intact?  Yes  NO

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Page \_\_\_\_\_ of \_\_\_\_\_

Log In By: \_\_\_\_\_ Date: \_\_\_\_\_   Log In Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

[www.torrentlab.com](http://www.torrentlab.com)

January 25, 2007

Tom McCloskey  
SES  
110 11th Street  
Oakland, CA 94607  
TEL: (510) 451-2917  
FAX (510) 451-1150

RE:

Order No.: 0701107

Dear Tom McCloskey:

Torrent Laboratory, Inc. received 15 samples on 1/19/2007 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,

  
Laboratory Director

01-25-07  
Date

Patti Sandrock  
QA Officer





# TORRENT LABORATORY, INC.

483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293

Visit us at [www.torrentlab.com](http://www.torrentlab.com) email: [analysis@torrentlab.com](mailto:analysis@torrentlab.com)

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/25/2007

Client Sample ID: Ag-1  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/17/2007 3:48:00 PM

Lab Sample ID: 0701107-001  
Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	1.8	mg/Kg	3134
Lead	SW6010B	1/24/2007	1	1	1.0	5.0	mg/Kg	3134
Mercury	SW7471A	1/23/2007	0.1	1	0.10	ND	mg/Kg	3130
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11699
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11699
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11699
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	97.9	%REC	R11699
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	88.1	%REC	R11699

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/25/2007

<b>Client Sample ID:</b> Ag-2	<b>Lab Sample ID:</b> 0701107-002
<b>Sample Location:</b> Madera-Herman Parcels,CA	<b>Date Prepared:</b> 1/22/2007
<b>Sample Matrix:</b> SOIL	
<b>Date/Time Sampled</b> 1/17/2007 4:04:00 PM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	2.2	mg/Kg	3134
Lead	SW6010B	1/24/2007	1	1	1.0	5.6	mg/Kg	3134
Mercury	SW7471A	1/23/2007	0.1	1	0.10	ND	mg/Kg	3130
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11699
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11699
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11699
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	97.6	%REC	R11699
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	94.4	%REC	R11699



Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007

Date Reported: 1/25/2007

Client Sample ID: Ag-3  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/17/2007 4:28:00 PM

Lab Sample ID: 0701107-003

Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	ND	mg/Kg	3134
Lead	SW6010B	1/24/2007	1	1	1.0	4.6	mg/Kg	3134
Mercury	SW7471A	1/23/2007	0.1	1	0.10	ND	mg/Kg	3130
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11699
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11699
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11699
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	94.4	%REC	R11699
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	93.2	%REC	R11699

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/25/2007

Client Sample ID: Ag-4  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/17/2007 4:38:00 PM

Lab Sample ID: 0701107-004  
Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	ND	mg/Kg	3134
Lead	SW6010B	1/24/2007	1	1	1.0	4.4	mg/Kg	3134
Mercury	SW7471A	1/23/2007	0.1	1	0.10	ND	mg/Kg	3130
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	13.0	µg/Kg	R11699
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11699
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11699
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11699
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	100	%REC	R11699
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	96.2	%REC	R11699

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007

Date Reported: 1/25/2007

Client Sample ID: Ag-5  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/17/2007 4:46:00 PM

Lab Sample ID: 0701107-005  
Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	3.1	mg/Kg	3134
Lead	SW6010B	1/24/2007	1	1	1.0	7.0	mg/Kg	3134
Mercury	SW7471A	1/23/2007	0.1	1	0.10	ND	mg/Kg	3130
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	2.37	µg/Kg	R11699
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11699
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	5.36	µg/Kg	R11699
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	4.56	µg/Kg	R11699
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11699
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11699
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	88.2	%REC	R11699
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	88.9	%REC	R11699

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/25/2007

Client Sample ID: Ag-6  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/17/2007 4:58:00 PM

Lab Sample ID: 0701107-006  
Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	2.3	mg/Kg	3134
Lead	SW6010B	1/24/2007	1	1	1.0	6.6	mg/Kg	3134
Mercury	SW7471A	1/23/2007	0.1	1	0.10	ND	mg/Kg	3130
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11699
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11699
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11699
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	97.0	%REC	R11699
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	94.6	%REC	R11699

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/25/2007

<b>Client Sample ID:</b> Ag-7	<b>Lab Sample ID:</b> 0701107-007
<b>Sample Location:</b> Madera-Herman Parcels,CA	<b>Date Prepared:</b> 1/22/2007
<b>Sample Matrix:</b> SOIL	
<b>Date/Time Sampled</b> 1/17/2007 5:05:00 PM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	2.4	mg/Kg	3134
Lead	SW6010B	1/24/2007	1	1	1.0	7.6	mg/Kg	3134
Mercury	SW7471A	1/23/2007	0.1	1	0.10	ND	mg/Kg	3130
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11699
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11699
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11699
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	95.5	%REC	R11699
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	91.9	%REC	R11699

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007

Date Reported: 1/25/2007

Client Sample ID: Ag-8  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/18/2007 8:58:00 AM

Lab Sample ID: 0701107-008

Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	1.8	mg/Kg	3134
Lead	SW6010B	1/24/2007	1	1	1.0	5.6	mg/Kg	3134
Mercury	SW7471A	1/23/2007	0.1	1	0.10	ND	mg/Kg	3130
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11699
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11699
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11699
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	98.6	%REC	R11699
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	96.6	%REC	R11699

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007

Date Reported: 1/25/2007

Client Sample ID: Ag-9  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/18/2007 9:15:00 AM

Lab Sample ID: 0701107-009  
Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	ND	mg/Kg	3134
Lead	SW6010B	1/24/2007	1	1	1.0	5.0	mg/Kg	3134
Mercury	SW7471A	1/23/2007	0.1	1	0.10	ND	mg/Kg	3130
4,4'-DDD	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
4,4'-DDE	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
4,4'-DDT	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Aldrin	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
alpha-BHC	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
alpha-Chlordane	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
beta-BHC	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Chlordane	SW8081A	1/24/2007	20	4	80.0	ND	µg/Kg	R11699
delta-BHC	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Dieldrin	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endosulfan I	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endosulfan II	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endosulfan sulfate	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endrin	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endrin aldehyde	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endrin ketone	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
gamma-BHC	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
gamma-Chlordane	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Heptachlor	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Heptachlor epoxide	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Methoxychlor	SW8081A	1/24/2007	5	4	20.0	ND	µg/Kg	R11699
Toxaphene	SW8081A	1/24/2007	100	4	400	ND	µg/Kg	R11699
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	4	54.6-127	128	%REC	R11699
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	4	54-122	119	%REC	R11699

Note: Reporting limits increased due to the nature of the sample matrix (dark color extract).

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/25/2007

Client Sample ID: Ag-10  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/18/2007 9:31:00 AM

Lab Sample ID: 0701107-010  
Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	1.8	mg/Kg	3134
Lead	SW6010B	1/24/2007	1	1	1.0	5.4	mg/Kg	3134
Mercury	SW7471A	1/23/2007	0.1	1	0.10	ND	mg/Kg	3130
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11699
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11699
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11699
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	95.6	%REC	R11699
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	91.9	%REC	R11699



Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/25/2007

<b>Client Sample ID:</b> Ag-11	<b>Lab Sample ID:</b> 0701107-011
<b>Sample Location:</b> Madera-Herman Parcels,CAMad	<b>Date Prepared:</b> 1/22/2007
<b>Sample Matrix:</b> SOIL	
<b>Date/Time Sampled</b> 1/18/2007 9:54:00 AM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	ND	mg/Kg	3134
Lead	SW6010B	1/24/2007	1	1	1.0	5.6	mg/Kg	3134
Mercury	SW7471A	1/23/2007	0.1	1	0.10	ND	mg/Kg	3130
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	7.04	µg/Kg	R11699
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11699
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11699
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11699
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	98.1	%REC	R11699
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	93.4	%REC	R11699

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/25/2007

<b>Client Sample ID:</b> Ag-12	<b>Lab Sample ID:</b> 0701107-012
<b>Sample Location:</b> Madera-Herman Parcels, CA	<b>Date Prepared:</b> 1/22/2007
<b>Sample Matrix:</b> SOIL	
<b>Date/Time Sampled</b> 1/18/2007 10:23:00 AM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	2.2	mg/Kg	3134
Lead	SW6010B	1/24/2007	1	1	1.0	7.2	mg/Kg	3134
Mercury	SW7471A	1/23/2007	0.1	1	0.10	ND	mg/Kg	3130
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11699
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11699
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11699
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	97.5	%REC	R11699
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	105	%REC	R11699

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/25/2007

Client Sample ID: Ag-13  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/18/2007 10:49:00 AM

Lab Sample ID: 0701107-013  
Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	2.3	mg/Kg	3134
Lead	SW6010B	1/24/2007	1	1	1.0	6.9	mg/Kg	3134
Mercury	SW7471A	1/23/2007	0.1	1	0.10	ND	mg/Kg	3130
4,4'-DDD	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
4,4'-DDE	SW8081A	1/24/2007	2	4	8.00	9.94	µg/Kg	R11699
4,4'-DDT	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Aldrin	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
alpha-BHC	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
alpha-Chlordane	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
beta-BHC	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Chlordane	SW8081A	1/24/2007	20	4	80.0	ND	µg/Kg	R11699
delta-BHC	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Dieldrin	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endosulfan I	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endosulfan II	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endosulfan sulfate	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endrin	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endrin aldehyde	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endrin ketone	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
gamma-BHC	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
gamma-Chlordane	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Heptachlor	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Heptachlor epoxide	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Methoxychlor	SW8081A	1/24/2007	5	4	20.0	ND	µg/Kg	R11699
Toxaphene	SW8081A	1/24/2007	100	4	400	ND	µg/Kg	R11699
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	4	54.6-127	71.9	%REC	R11699
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	4	54-122	104	%REC	R11699

Note: Reporting limits increased due to the nature of the sample matrix (dark color extract).

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/25/2007

<b>Client Sample ID:</b> Ag-14	<b>Lab Sample ID:</b> 0701107-014
<b>Sample Location:</b> Madera-Herman Parcels,CA	<b>Date Prepared:</b> 1/22/2007
<b>Sample Matrix:</b> SOIL	
<b>Date/Time Sampled</b> 1/18/2007 11:10:00 AM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	1.9	mg/Kg	3134
Lead	SW6010B	1/24/2007	1	1	1.0	5.2	mg/Kg	3134
Mercury	SW7471A	1/23/2007	0.1	1	0.10	ND	mg/Kg	3130
4,4'-DDD	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
4,4'-DDE	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
4,4'-DDT	SW8081A	1/24/2007	2	4	8.00	62.5	µg/Kg	R11699
Aldrin	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
alpha-BHC	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
alpha-Chlordane	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
beta-BHC	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Chlordane	SW8081A	1/24/2007	20	4	80.0	ND	µg/Kg	R11699
delta-BHC	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Dieldrin	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endosulfan I	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endosulfan II	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endosulfan sulfate	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endrin	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endrin aldehyde	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Endrin ketone	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
gamma-BHC	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
gamma-Chlordane	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Heptachlor	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Heptachlor epoxide	SW8081A	1/24/2007	2	4	8.00	ND	µg/Kg	R11699
Methoxychlor	SW8081A	1/24/2007	5	4	20.0	ND	µg/Kg	R11699
Toxaphene	SW8081A	1/24/2007	100	4	400	ND	µg/Kg	R11699
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	4	54.6-127	90.4	%REC	R11699
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	4	54-122	116	%REC	R11699

Note: Reporting limits increased due to the nature of the sample matrix (dark color extract).

**Report prepared for:** Tom McCloskey  
SES

**Date Received:** 1/19/2007

**Date Reported:** 1/25/2007

**Client Sample ID:** Ag-15  
**Sample Location:** Madera-Herman Parcels,CA  
**Sample Matrix:** SOIL  
**Date/Time Sampled** 1/18/2007 11:25:00 AM

**Lab Sample ID:** 0701107-015  
**Date Prepared:** 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	2.4	mg/Kg	3134
Lead	SW6010B	1/24/2007	1	1	1.0	7.1	mg/Kg	3134
Mercury	SW7471A	1/23/2007	0.1	1	0.10	ND	mg/Kg	3130
4,4'-DDD	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
4,4'-DDE	SW8081A	1/24/2007	2	1	2.00	2.79	µg/Kg	R11699
4,4'-DDT	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Aldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
alpha-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
beta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Chlordane	SW8081A	1/24/2007	20	1	20.0	ND	µg/Kg	R11699
delta-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Dieldrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan I	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan II	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endosulfan sulfate	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin aldehyde	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Endrin ketone	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-BHC	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
gamma-Chlordane	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Heptachlor epoxide	SW8081A	1/24/2007	2	1	2.00	ND	µg/Kg	R11699
Methoxychlor	SW8081A	1/24/2007	5	1	5.00	ND	µg/Kg	R11699
Toxaphene	SW8081A	1/24/2007	100	1	100	ND	µg/Kg	R11699
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	54.6-127	92.1	%REC	R11699
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	54-122	93.4	%REC	R11699

**Definitions, legends and Notes**

<b>Note</b>	<b>Description</b>
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #

CLIENT: SES  
 Work Order: 0701107  
 Project:

**ANALYTICAL QC SUMMARY REPORT**

TestCode: 6010B\_S

Sample ID <b>MB-3134</b>	SampType: <b>MBLK</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11705</b>						
Client ID: <b>ZZZZ</b>	Batch ID: <b>3134</b>	TestNo: <b>SW6010B</b>	( <b>SW3050B</b> )	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173470</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.7									
Lead	ND	1.0									

Sample ID <b>LCS-3134</b>	SampType: <b>LCS</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11705</b>						
Client ID: <b>ZZZZ</b>	Batch ID: <b>3134</b>	TestNo: <b>SW6010B</b>	( <b>SW3050B</b> )	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173468</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	50.75	1.7	50	0	102	73.9	135				
Lead	49.05	1.0	50	0	98.1	67.9	118				

Sample ID <b>LCSD-3134</b>	SampType: <b>LCSD</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11705</b>						
Client ID: <b>ZZZZ</b>	Batch ID: <b>3134</b>	TestNo: <b>SW6010B</b>	( <b>SW3050B</b> )	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173469</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	50.35	1.7	50	0	101	73.9	135	50.75	0.791	30	
Lead	49.10	1.0	50	0	98.2	67.9	118	49.05	0.102	30	

Sample ID <b>0701107-001AMS</b>	SampType: <b>MS</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11705</b>						
Client ID: <b>Ag-1</b>	Batch ID: <b>3134</b>	TestNo: <b>SW6010B</b>	( <b>SW3050B</b> )	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173451</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	47.15	1.7	50	1.75	90.8	75.9	107				
Lead	49.40	1.0	50	5.05	88.7	60.5	113				

Sample ID <b>0701107-001AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11705</b>						
Client ID: <b>Ag-1</b>	Batch ID: <b>3134</b>	TestNo: <b>SW6010B</b>	( <b>SW3050B</b> )	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173452</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

**CLIENT:** SES  
**Work Order:** 0701107  
**Project:**

## ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010B\_S**

Sample ID	0701107-001AMSD	SampType: MSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 1/23/2007	RunNo: 11705					
Client ID:	Ag-1	Batch ID: 3134	TestNo: SW6010B	(SW3050B)	Analysis Date: 1/24/2007	SeqNo: 173452					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	48.25	1.7	50	1.75	93.0	75.9	107	47.15	2.31	30	
Lead	50.35	1.0	50	5.05	90.6	60.5	113	49.4	1.90	30	

<b>Qualifiers:</b>	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits



CLIENT: SES  
 Work Order: 0701107  
 Project:

## ANALYTICAL QC SUMMARY REPORT

TestCode: 8081S

Sample ID	SampType:	TestCode:	Units:	Prep Date:	RunNo:						
SP070122A-MB	MBLK	8081S	µg/Kg	1/22/2007	11699						
Client ID: ZZZZZ	Batch ID: R11699	TestNo: SW8081A		Analysis Date: 1/24/2007	SeqNo: 173361						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	2.00									
4,4'-DDE	ND	2.00									
4,4'-DDT	ND	2.00									
Aldrin	ND	2.00									
alpha-BHC	ND	2.00									
alpha-Chlordane	ND	2.00									
beta-BHC	ND	2.00									
Chlordane	ND	20.0									
delta-BHC	ND	2.00									
Dieldrin	ND	2.00									
Endosulfan I	ND	2.00									
Endosulfan II	ND	2.00									
Endosulfan sulfate	ND	2.00									
Endrin	ND	2.00									
Endrin aldehyde	ND	2.00									
Endrin ketone	ND	2.00									
gamma-BHC	ND	2.00									
gamma-Chlordane	ND	2.00									
Heptachlor	ND	2.00									
Heptachlor epoxide	ND	2.00									
Methoxychlor	ND	5.00									
Toxaphene	ND	100									
Surr: Decachlorobiphenyl	50.39	0	50	0	101	57	126				
Surr: Tetrachloro-m-xylene	48.06	0	50	0	96.1	55.7	122				

Sample ID	SampType:	TestCode:	Units:	Prep Date:	RunNo:						
SP070122A-LCS	LCS	8081S	µg/Kg	1/22/2007	11699						
Client ID: ZZZZZ	Batch ID: R11699	TestNo: SW8081A		Analysis Date: 1/24/2007	SeqNo: 173362						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	22.40	2.00	20	0	112	53.6	136				

<b>Qualifiers:</b> E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701107  
 Project:

## ANALYTICAL QC SUMMARY REPORT

TestCode: 8081S

Sample ID <b>SP070122A-LCS</b>		SampType: <b>LCS</b>		TestCode: <b>8081S</b>		Units: <b>µg/Kg</b>		Prep Date: <b>1/22/2007</b>		RunNo: <b>11699</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>R11699</b>		TestNo: <b>SW8081A</b>		Analysis Date: <b>1/24/2007</b>		SeqNo: <b>173362</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	22.00	2.00	20	0	110	52.8	128				
Dieldrin	22.79	2.00	20	0	114	56.8	134				
Endrin	21.91	2.00	20	0	110	54.2	131				
gamma-BHC	24.24	2.00	20	0	121	49.8	131				
Heptachlor	22.55	2.00	20	0	113	50.9	130				
Surr: Decachlorobiphenyl	68.95	0	70	0	98.5	57	126				
Surr: Tetrachloro-m-xylene	62.28	0	70	0	89.0	55.7	122				

Sample ID <b>SP070122A-LCSD</b>		SampType: <b>LCSD</b>		TestCode: <b>8081S</b>		Units: <b>µg/Kg</b>		Prep Date: <b>1/22/2007</b>		RunNo: <b>11699</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>R11699</b>		TestNo: <b>SW8081A</b>		Analysis Date: <b>1/24/2007</b>		SeqNo: <b>173363</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	23.53	2.00	20	0	118	53.6	136	22.4	4.92	30	
Aldrin	22.64	2.00	20	0	113	52.8	128	22	2.84	30	
Dieldrin	23.62	2.00	20	0	118	56.8	134	22.79	3.55	30	
Endrin	22.77	2.00	20	0	114	54.2	131	21.91	3.87	30	
gamma-BHC	25.10	2.00	20	0	126	49.8	131	24.24	3.50	30	
Heptachlor	23.19	2.00	20	0	116	50.9	130	22.55	2.82	30	
Surr: Decachlorobiphenyl	72.81	0	70	0	104	57	126	0	0	0	
Surr: Tetrachloro-m-xylene	63.19	0	70	0	90.3	55.7	122	0	0	0	

<b>Qualifiers:</b>	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits
		J Analyte detected below quantitation limits
		S Spike Recovery outside accepted recovery limits

**CLIENT:** SES  
**Work Order:** 0701107  
**Project:**

## ANALYTICAL QC SUMMARY REPORT

**TestCode: HG\_CTS**

Sample ID <b>MB-3130</b>	SampType: <b>MBLK</b>	TestCode: <b>HG_CTS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11686</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3130</b>	TestNo: <b>SW7471A</b>	<b>(SW7471APR</b>	Analysis Date: <b>1/23/2007</b>	SeqNo: <b>173177</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury ND 0.10

Sample ID <b>LCS-3130</b>	SampType: <b>LCS</b>	TestCode: <b>HG_CTS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11686</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3130</b>	TestNo: <b>SW7471A</b>	<b>(SW7471APR</b>	Analysis Date: <b>1/23/2007</b>	SeqNo: <b>173175</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 1.325 0.10 1.25 0 106 80.5 133

Sample ID <b>LCSD-3130</b>	SampType: <b>LCSD</b>	TestCode: <b>HG_CTS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11686</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3130</b>	TestNo: <b>SW7471A</b>	<b>(SW7471APR</b>	Analysis Date: <b>1/23/2007</b>	SeqNo: <b>173176</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 1.317 0.10 1.25 0 105 80.5 133 1.325 0.631 30

<b>Qualifiers:</b> E Value above quantitation range ND Not Detected at the Reporting Limit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	J Analyte detected below quantitation limits S Spike Recovery outside accepted recovery limits
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# TORRENT LABORATORY, INC.

483 Sinclair Frontage Road, Milpitas, CA 95035  
Phone: 408.263.5258 • FAX: 408.263.8293  
www.torrentlab.com

# CHAIN OF CUSTODY

LAB WORK ORDER NO

0701106

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

Company Name: SES Location of Sampling: Madera - Herman Porcely  
 Address: 11011<sup>th</sup> St 2nd Floor Purpose:  
 City: Oakland State: CA Zip Code: 94607 Special Instructions / Comments:  
 Telephone: 510 451-1761; 510 451-1150  
 REPORT TO: Tom McCloskey SAMPLER: K Detherman P.O. #: EMAIL:

### TURNAROUND TIME:

- 10 Working Days  3 Working Days  2 - 8 Hours  
 7 Working Days  2 Working Days  Other  
 5 Working Days  24 Hours

### SAMPLE TYPE:

- Storm Water  Other  
 Waste Water  
 Ground Water  
 Soil

### REPORT FORMAT:

- QC Level II  
 EDF  
 Excel / EDD

### ANALYSIS REQUESTED

*TPH as gas / BTEX / MTBE  
 Chlorinated VOCs  
 Pesticides / PCBs  
 TDS, DO  
 Ammonia  
 Cyanide  
 Total Nitrogen  
 Total Phosphorus  
 pH, Alkalinity, Hardness  
 Fecal Coliforms*

CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE	TORRENT'S SAMPLE I.D.
1. <u>Ag well 1</u>	<u>1/18/07 1445</u>	<u>H<sub>2</sub>O</u>	<u>1</u>	<u>var.</u>	<u>001A</u>
2. <u>Ag well 2</u>	<u>1/18/07 1505</u>	<u>H<sub>2</sub>O</u>	<u>1</u>	<u>var.</u>	<u>002A</u>
3.					
4.				<u>2 P</u>	
5.				<u>2 P</u>	
6.				<u>4 A</u>	
7.				<u>3 U</u>	
8.					
9.					
10.					

*each sample*

1 Relinquished By: Korel Detherman Print: Korel Detherman Date: 1/19/07 Time: 1000 AM  
 Received By: [Signature] Print: Sage Date: 1/19/07 Time: 10:00  
 2 Relinquished By: Print: Date: Time: Received By: Print: Date: Time:

Were Samples Received in Good Condition?  Yes  NO Samples on Ice?  Yes  NO Method of Shipment \_\_\_\_\_ Sample seals intact?  Yes  NO

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Log In By: [Signature] Date: 1/22 Log In Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_ Page \_\_\_\_\_ of \_\_\_\_\_



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

[www.torrentlab.com](http://www.torrentlab.com)

January 30, 2007(Rev 1)

Tom McCloskey  
SES  
110 11th Street  
Oakland, CA 94607  
TEL: (510) 451-2917  
FAX (510) 451-1150

RE:Re-issue to report DBCP.

Order No.: 0701106


Dear Tom McCloskey:


Torrent Laboratory, Inc. received 2 samples on 1/19/2007 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,

  
Laboratory Director      1/30/07  
Date

Patti Sandrock  
QA Officer 

**Torrent Laboratory, Inc.**

**Date:** 30-Jan-07

**CLIENT:** SES

**Project:**

**Lab Order:** 0701106

**CASE NARRATIVE**

Analytical Comment for Methods 8151, 8141, Alkalinity (Car,Bicarb),TKN,TP,NH3,DO, and Boron,  
Note: Analyses subcontracted to McCampbell Analytical, Inc ELAP certificate #1644.

Analytical Comment for Method 8081W, Note:The LCSD for 4,4'-DDT is outside of laboratory control limits (high bias). All samples were Non Detect for that compound. No corrective action is required.

Analytical comments for Method 200.7\_Dissolved: Although the Method Blank associated with QC Batch ID 11702 had a reportable level of Sodium, all associated samples had concentrations at greater than 10 times the amount found in the blank. No further corrective action is required.

Note: although pH was measured upon laboratory receipt, the samples were received outside of the recommended holding time (24 hours from collection).

Re-issue of report to report DBCP per client's request on the chain.

REV1 1/30/07







# TORRENT LABORATORY, INC.

483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293

Visit us at [www.torrentlab.com](http://www.torrentlab.com) email: [analysis@torrentlab.com](mailto:analysis@torrentlab.com)

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/29/2007

Client Sample ID: Ag Well 1  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: GROUNDWATER  
Date/Time Sampled 1/18/2007 2:45:00 PM

Lab Sample ID: 0701106-001  
Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
pH	E150.1	1/22/2007	0.05	1	0.0500	7.25	pH units	R11669
Total Dissolved Solids (Residue, Filterable)	E160.1	1/22/2007	10	1	10	180	mg/L	R11692
Aluminium	E200.7D	1/24/2007	0.05	1	0.050	ND	mg/L	3132
Cadmium	E200.7D	1/24/2007	0.005	1	0.0050	ND	mg/L	3132
Calcium	E200.7D	1/24/2007	0.1	1	0.10	17	mg/L	3132
Chromium	E200.7D	1/24/2007	0.005	1	0.0050	ND	mg/L	3132
Copper	E200.7D	1/24/2007	0.01	1	0.010	ND	mg/L	3132
Lead	E200.7D	1/24/2007	0.015	1	0.015	ND	mg/L	3132
Magnesium	E200.7D	1/24/2007	0.05	1	0.050	5.4	mg/L	3132
Nickel	E200.7D	1/24/2007	0.01	1	0.010	ND	mg/L	3132
Potassium	E200.7D	1/24/2007	1	1	1.0	2.7	mg/L	3132
Selenium	E200.7D	1/24/2007	0.01	1	0.010	ND	mg/L	3132
Sodium	E200.7D	1/24/2007	0.2	1	0.20	21	mg/L	3132
Zinc	E200.7D	1/24/2007	0.01	1	0.010	0.013	mg/L	3132
Mercury	E245.1	1/23/2007	0.0002	1	0.00020	0.00050	mg/L	3129
Chloride	E300	1/20/2007	0.5	10	5.0	17	mg/L	R11704
Fluoride	E300	1/20/2007	0.1	1	0.10	0.21	mg/L	R11704
Nitrate (As N)	E300	1/20/2007	0.2	1	0.20	1.3	mg/L	R11704
Nitrite (As N)	E300	1/20/2007	0.2	10	2.0	ND	mg/L	R11704
Orthophosphate	E300	1/20/2007	0.2	1	0.20	ND	mg/L	R11704
Sulfate	E300	1/20/2007	0.5	1	0.50	3.5	mg/L	R11704

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/29/2007

Client Sample ID: Ag Well 1  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: GROUNDWATER  
Date/Time Sampled 1/18/2007 2:45:00 PM

Lab Sample ID: 0701106-001  
Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/24/2007	50	1	50	ND	µg/L	G11696
Surr: 4-Bromofluorobenzene	GC-MS	1/24/2007	0	1	58.4-133	94.2	%REC	G11696
TPH (Diesel)	SW8015B	1/23/2007	0.1	1	0.100	ND	mg/L	R11672
TPH (Motor Oil)	SW8015B	1/23/2007	0.2	1	0.200	ND	mg/L	R11672
Surr: Pentacosane	SW8015B	1/23/2007	0	1	40-120	65.0	%REC	R11672
1,2-Dibromo-3-chloropropane	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
4,4'-DDD	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
4,4'-DDE	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
4,4'-DDT	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Aldrin	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
alpha-BHC	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
alpha-Chlordane	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
beta-BHC	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Chlordane	SW8081A	1/24/2007	0.25	1	0.250	ND	µg/L	R11701
delta-BHC	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Dieldrin	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endosulfan I	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endosulfan II	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endosulfan sulfate	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endrin	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endrin aldehyde	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endrin ketone	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
gamma-BHC	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
gamma-Chlordane	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Heptachlor	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Heptachlor epoxide	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Methoxychlor	SW8081A	1/24/2007	0.05	1	0.050	ND	µg/L	R11701
Oxyfluorfen	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Toxaphene	SW8081A	1/24/2007	1	1	1.00	ND	µg/L	R11701
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	52-116	83.8	%REC	R11701
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	40.3-118	69.3	%REC	R11701

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007

Date Reported: 1/29/2007

Client Sample ID: Ag Well 1  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: GROUNDWATER  
Date/Time Sampled 1/18/2007 2:45:00 PM

Lab Sample ID: 0701106-001  
Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1,1-Trichloroethane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
1,1,1,2-Tetrachloroethane	SW8260B	1/22/2007	1	1	1.00	ND	µg/L	R11679
1,1,2-Trichloroethane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
1,1-Dichloroethane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
1,1-Dichloroethene	SW8260B	1/22/2007	1	1	1.00	ND	µg/L	R11679
1,1-Dichloropropene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
1,2-Dichlorobenzene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
1,2-Dichloroethane (EDC)	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
1,2-Dichloropropane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
1,3-Dichlorobenzene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
1,4-Dichlorobenzene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
2-Chloroethyl vinyl ether	SW8260B	1/22/2007	1	1	1.00	ND	µg/L	R11679
Bromodichloromethane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Bromoform	SW8260B	1/22/2007	1	1	1.00	ND	µg/L	R11679
Bromomethane	SW8260B	1/22/2007	1	1	1.00	ND	µg/L	R11679
Carbon tetrachloride	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Chlorobenzene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Chloroform	SW8260B	1/22/2007	1	1	1.00	ND	µg/L	R11679
Chloromethane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
cis-1,2-Dichloroethene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
cis-1,3-Dichloropropene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Dibromochloromethane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Dichlorodifluoromethane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Freon-113	SW8260B	1/22/2007	1	1	1.00	ND	µg/L	R11679
Methylene chloride	SW8260B	1/22/2007	1	1	1.00	ND	µg/L	R11679
Tetrachloroethene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
trans-1,2-Dichloroethene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
trans-1,3-Dichloropropene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Trichloroethene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Trichlorofluoromethane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Vinyl chloride	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Surr: Dibromofluoromethane	SW8260B	1/22/2007	0	1	61.2-131	108	%REC	R11679
Surr: 4-Bromofluorobenzene	SW8260B	1/22/2007	0	1	64.1-120	92.5	%REC	R11679
Surr: Toluene-d8	SW8260B	1/22/2007	0	1	75.1-127	111	%REC	R11679

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/29/2007

Client Sample ID: Ag Well 1  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: GROUNDWATER  
Date/Time Sampled 1/18/2007 2:45:00 PM

Lab Sample ID: 0701106-001  
Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Benzene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Ethylbenzene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Methyl tert-butyl ether (MTBE)	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Toluene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Xylenes, Total	SW8260B	1/22/2007	1.5	1	1.50	ND	µg/L	R11679
Surr: Dibromofluoromethane	SW8260B	1/22/2007	0	1	61.2-131	108	%REC	R11679
Surr: 4-Bromofluorobenzene	SW8260B	1/22/2007	0	1	64.1-120	92.5	%REC	R11679
Surr: Toluene-d8	SW8260B	1/22/2007	0	1	75.1-127	111	%REC	R11679

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/29/2007

<b>Client Sample ID:</b> Ag Well 2	<b>Lab Sample ID:</b> 0701106-002
<b>Sample Location:</b> Madera-Herman Parcels,CA	<b>Date Prepared:</b> 1/22/2007
<b>Sample Matrix:</b> GROUNDWATER	
<b>Date/Time Sampled</b> 1/18/2007 3:05:00 PM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
pH	E150.1	1/22/2007	0.05	1	0.0500	7.07	pH units	R11669
Total Dissolved Solids (Residue, Filterable)	E160.1	1/22/2007	10	1	10	180	mg/L	R11692
Aluminium	E200.7D	1/24/2007	0.05	1	0.050	ND	mg/L	3132
Cadmium	E200.7D	1/24/2007	0.005	1	0.0050	ND	mg/L	3132
Calcium	E200.7D	1/24/2007	0.1	1	0.10	16	mg/L	3132
Chromium	E200.7D	1/24/2007	0.005	1	0.0050	ND	mg/L	3132
Copper	E200.7D	1/24/2007	0.01	1	0.010	ND	mg/L	3132
Lead	E200.7D	1/24/2007	0.015	1	0.015	ND	mg/L	3132
Magnesium	E200.7D	1/24/2007	0.05	1	0.050	5.1	mg/L	3132
Nickel	E200.7D	1/24/2007	0.01	1	0.010	ND	mg/L	3132
Potassium	E200.7D	1/24/2007	1	1	1.0	2.1	mg/L	3132
Selenium	E200.7D	1/24/2007	0.01	1	0.010	ND	mg/L	3132
Sodium	E200.7D	1/24/2007	0.2	1	0.20	21	mg/L	3132
Zinc	E200.7D	1/24/2007	0.01	1	0.010	0.011	mg/L	3132
Mercury	E245.1	1/23/2007	0.0002	1	0.00020	0.00050	mg/L	3129
Chloride	E300	1/20/2007	0.5	10	5.0	16	mg/L	R11704
Fluoride	E300	1/20/2007	0.1	1	0.10	0.21	mg/L	R11704
Nitrate (As N)	E300	1/20/2007	0.2	1	0.20	0.81	mg/L	R11704
Nitrite (As N)	E300	1/20/2007	0.2	10	2.0	ND	mg/L	R11704
Orthophosphate	E300	1/20/2007	0.2	1	0.20	ND	mg/L	R11704
Sulfate	E300	1/20/2007	0.5	1	0.50	3.6	mg/L	R11704
TPH (Gasoline)	GC-MS	1/24/2007	50	1	50	ND	µg/L	G11696
Surr: 4-Bromofluorobenzene	GC-MS	1/24/2007	0	1	58.4-133	82.7	%REC	G11696

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/29/2007

Client Sample ID: Ag Well 2  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: GROUNDWATER  
Date/Time Sampled 1/18/2007 3:05:00 PM

Lab Sample ID: 0701106-002  
Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	1/23/2007	0.1	1	0.100	ND	mg/L	R11672
TPH (Motor Oil)	SW8015B	1/23/2007	0.2	1	0.200	ND	mg/L	R11672
Surr: Pentacosane	SW8015B	1/23/2007	0	1	40-120	68.0	%REC	R11672
1,2-Dibromo-3-chloropropane	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
4,4'-DDD	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
4,4'-DDE	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
4,4'-DDT	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Aldrin	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
alpha-BHC	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
alpha-Chlordane	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
beta-BHC	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Chlordane	SW8081A	1/24/2007	0.25	1	0.250	ND	µg/L	R11701
delta-BHC	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Dieldrin	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endosulfan I	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endosulfan II	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endosulfan sulfate	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endrin	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endrin aldehyde	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Endrin ketone	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
gamma-BHC	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
gamma-Chlordane	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Heptachlor	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Heptachlor epoxide	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Methoxychlor	SW8081A	1/24/2007	0.05	1	0.050	ND	µg/L	R11701
Oxyfluorfen	SW8081A	1/24/2007	0.02	1	0.020	ND	µg/L	R11701
Toxaphene	SW8081A	1/24/2007	1	1	1.00	ND	µg/L	R11701
Surr: Decachlorobiphenyl	SW8081A	1/24/2007	0	1	52-116	82.4	%REC	R11701
Surr: Tetrachloro-m-xylene	SW8081A	1/24/2007	0	1	40.3-118	70.0	%REC	R11701

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/29/2007

Client Sample ID: Ag Well 2  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: GROUNDWATER  
Date/Time Sampled 1/18/2007 3:05:00 PM

Lab Sample ID: 0701106-002  
Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1,1-Trichloroethane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
1,1,2,2-Tetrachloroethane	SW8260B	1/22/2007	1	1	1.00	ND	µg/L	R11679
1,1,2-Trichloroethane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
1,1-Dichloroethane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
1,1-Dichloroethene	SW8260B	1/22/2007	1	1	1.00	ND	µg/L	R11679
1,1-Dichloropropene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
1,2-Dichlorobenzene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
1,2-Dichloroethane (EDC)	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
1,2-Dichloropropane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
1,3-Dichlorobenzene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
1,4-Dichlorobenzene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
2-Chloroethyl vinyl ether	SW8260B	1/22/2007	1	1	1.00	ND	µg/L	R11679
Bromodichloromethane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Bromoform	SW8260B	1/22/2007	1	1	1.00	ND	µg/L	R11679
Bromomethane	SW8260B	1/22/2007	1	1	1.00	ND	µg/L	R11679
Carbon tetrachloride	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Chlorobenzene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Chloroform	SW8260B	1/22/2007	1	1	1.00	ND	µg/L	R11679
Chloromethane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
cis-1,2-Dichloroethene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
cis-1,3-Dichloropropene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Dibromochloromethane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Dichlorodifluoromethane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Freon-113	SW8260B	1/22/2007	1	1	1.00	ND	µg/L	R11679
Methylene chloride	SW8260B	1/22/2007	1	1	1.00	ND	µg/L	R11679
Tetrachloroethene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
trans-1,2-Dichloroethene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
trans-1,3-Dichloropropene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Trichloroethene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Trichlorofluoromethane	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Vinyl chloride	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Surr: Dibromofluoromethane	SW8260B	1/22/2007	0	1	61.2-131	105	%REC	R11679
Surr: 4-Bromofluorobenzene	SW8260B	1/22/2007	0	1	64.1-120	108	%REC	R11679
Surr: Toluene-d8	SW8260B	1/22/2007	0	1	75.1-127	119	%REC	R11679

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/29/2007

Client Sample ID: Ag Well 2  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: GROUNDWATER  
Date/Time Sampled 1/18/2007 3:05:00 PM

Lab Sample ID: 0701106-002  
Date Prepared: 1/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Benzene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Ethylbenzene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Methyl tert-butyl ether (MTBE)	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Toluene	SW8260B	1/22/2007	0.5	1	0.500	ND	µg/L	R11679
Xylenes, Total	SW8260B	1/22/2007	1.5	1	1.50	ND	µg/L	R11679
Surr: Dibromofluoromethane	SW8260B	1/22/2007	0	1	61.2-131	105	%REC	R11679
Surr: 4-Bromofluorobenzene	SW8260B	1/22/2007	0	1	64.1-120	108	%REC	R11679
Surr: Toluene-d8	SW8260B	1/22/2007	0	1	75.1-127	119	%REC	R11679



**Definitions, legends and Notes**

<b>Note</b>	<b>Description</b>
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #





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"When Quality Counts"

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Torrent Laboratory, Inc.  483 Sinclair Frontage Road  Milpitas, CA 95035	Client Project ID: #Groundwater	Date Sampled: 01/18/07
		Date Received: 01/22/07
	Client Contact:	Date Extracted: 01/22/07
	Client P.O.:	Date Analyzed: 01/24/07-01/25/07

### Organophosphorous Pesticides by GC-NPD (Basic Target List)\*

Extraction Method: SW3535A

Analytical Method: SW8141B

Work Order: 0701418

Lab ID	0701418-001G	0701418-002G	Reporting Limit for DF =1	
	Client ID	0701106-001A	0701106-002A	
Matrix	W	W	S	W
DF	1	1		
Compound	Concentration		µg/kg	µg/L
Alachlor	ND	ND	NA	1.0
Atrazine	ND	ND	NA	0.5
Azinphos methyl (Guthion)	ND	ND	NA	1.0
Bolstar (Sulprofos)	ND	ND	NA	1.0
Chloropyrifos	ND	ND	NA	1.0
Coumaphos	ND	ND	NA	1.0
Demeton-O	ND	ND	NA	1.0
Diazinon	ND	ND	NA	0.25
Dichlorvos (DDVP)	ND	ND	NA	1.0
Dimethoate	ND	ND	NA	2.5
Disulfoton (Di-Syston)	ND	ND	NA	0.5
EPN	ND	ND	NA	1.0
EPTC	ND	ND	NA	1.0
Ethion	ND	ND	NA	1.0
Ethoprop	ND	ND	NA	1.0
Fensulfothion	ND	ND	NA	1.0
Fenthion	ND	ND	NA	2.5
Fonofos	ND	ND	NA	0.5
Malathion	ND	ND	NA	1.0
Merphos	ND	ND	NA	1.0
Mevinphos (Phosdrin)	ND	ND	NA	1.0
Molinate	ND	ND	NA	0.9
Ethyl parathion	ND	ND	NA	1.0
Methyl parathion	ND	ND	NA	1.0
Phorate (Thimet)	ND	ND	NA	1.0
Prometon	ND	ND	NA	0.5
Ronnel	ND	ND	NA	1.0
Simazine	ND	ND	NA	1.0
Stirofos (Tetrachlorvinphos)	ND	ND	NA	1.0
Terbacil	ND	ND	NA	2.0
Terbufos (Terbuphos)	ND	ND	NA	0.5
Thiobencarb	ND	ND	NA	1.0
Tokuthion (Prothiofos)	ND	ND	NA	2.5
Trichloronate (Agritox)	ND	ND	NA	1.0



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Torrent Laboratory, Inc. 483 Sinclair Frontage Road Milpitas, CA 95035	Client Project ID: #Groundwater	Date Sampled: 01/18/07
		Date Received: 01/22/07
	Client Contact:	Date Extracted: 01/22/07
	Client P.O.:	Date Analyzed: 01/24/07-01/25/07

### Organophosphorous Pesticides by GC-NPD (Basic Target List)\*

Extraction Method: SW3535A

Analytical Method: SW8141B

Work Order: 0701418

Lab ID	0701418-001G	0701418-002G			Reporting Limit for DF =1	
Client ID	0701106-001A	0701106-002A				
Matrix	W	W			S	W
DF	1	1				
Compound	Concentration				µg/kg	µg/L

### Surrogate Recoveries (%)

%SS:	86	90		
<b>Comments</b>				

\* water samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

# cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains >~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference/cluttered chromatogram; J) analyte detected below quantitation limits; k) results reported on a dry weight basis; p) see attached narrative.



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Torrent Laboratory, Inc.  483 Sinclair Frontage Road  Milpitas, CA 95035	Client Project ID: #Groundwater	Date Sampled: 01/18/07
		Date Received: 01/22/07
	Client Contact:	Date Extracted: 01/22/07
	Client P.O.:	Date Analyzed 01/24/07

### Chlorinated Herbicides by GC-ECD (Basic Target List)\*

Extraction Method: SW3510C

Analytical Method: SW8151A

Work Order: 0701418

Lab ID	0701418-001H	0701418-002H			Reporting Limit for DF =1	
Client ID	0701106-001A	0701106-002A				
Matrix	W	W			S	W
DF	1	1				

Compound	Concentration			µg/Kg	µg/L
Acifluorfen	ND	ND		NA	1.0
Bentazon	ND	ND		NA	1.0
Chloramben	ND	ND		NA	1.0
2,4-D (Dichlorophenoxyacetic acid)	ND	ND		NA	1.0
2,4-DB	ND	ND		NA	1.0
Dalapon	ND	ND		NA	1.0
DCPA (mono & diacid)	ND	ND		NA	0.2
Dicamba	ND	ND		NA	1.0
3,5-Dichlorobenzoic Acid	ND	ND		NA	1.0
Dichloroprop	ND	ND		NA	1.0
Dinoseb (DNBP)	ND	ND		NA	1.0
MCPA	ND	ND		NA	100
MCPP	ND	ND		NA	100
4-Nitrophenol	ND	ND		NA	1.0
Pentachlorophenol (PCP)	ND	ND		NA	0.2
Picloram	ND	ND		NA	1.0
2,4,5-T (Trichlorophenoxy acetic acid)	ND	ND		NA	1.0
2,4,5-TP (Silvex)	ND	ND		NA	1.0

### Surrogate Recoveries (%)

%SS:	118	111		
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### Comments

\* water samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

# cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains >>1 vol. % sediment; j) sample diluted due to high organic content/matrix interference/cluttered chromatogram; k) results reported on a dry weight basis; p) see attached narrative.

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Torrent Laboratory, Inc.  483 Sinclair Frontage Road  Milpitas, CA 95035	Client Project ID: #Groundwater	Date Sampled: 01/18/07
		Date Received: 01/22/07
	Client Contact:	Date Extracted: 01/22/07
	Client P.O.:	Date Analyzed 01/22/07

**Total & Speciated Alkalinity as Calcium Carbonate\***

Extraction method SM2320B Analytical methods SM2320B Work Order: 0701418

Lab ID	Client ID	Matrix	Total*	Carbonate*	Bicarbonate*	Hydroxide*	DF
001C	0701106-001A	W	115	ND	115	ND	1
002C	0701106-002A	W	110	ND	110	ND	1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	1.0	1.0	1.0	1.0	mg CaCO3/L
	S	NA	NA	NA	NA	mg/Kg

\*water samples are reported in mg calcium carbonate/L. Hydroxide, Carbonate & Bicarbonate alkalinity measure @ end-point of pH = 8.3 & 4.5 per SM2320B.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment



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Torrent Laboratory, Inc.  483 Sinclair Frontage Road  Milpitas, CA 95035	Client Project ID: #Groundwater	Date Sampled: 01/18/07
		Date Received: 01/22/07
	Client Contact:	Date Extracted: 01/23/07
	Client P.O.:	Date Analyzed 01/23/07

### Ammonia as N\*

Analytical Method: SM4500-NH3 G

Work Order: 0701418

Lab ID	Client ID	Matrix	Total Ammonia as N	DF
0701418-001F	0701106-001A	W	ND	1
0701418-002F	0701106-002A	W	ND	1

Reporting Limit for DF = 1; ND means not detected at or above the reporting limit	W	0.2 mg/L
	S	NA

\*water/product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to matrix interference; m) reporting limit raised due to insufficient sample amount; r) results are reported on a dry weight basis.



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Torrent Laboratory, Inc.  
 483 Sinclair Frontage Road  
 Milpitas, CA 95035

Client Project ID: #Groundwater

Date Sampled: 01/18/07

Date Received: 01/22/07

Client Contact:

Date Extracted: 01/22/07

Client P.O.:

Date Analyzed 01/22/07

**Dissolved Oxygen**

Analytical Method: SM4500OG

Work Order: 0701418

Lab ID	Client ID	Matrix	Dissolved Oxygen
0701418-001A	0701106-001A	W	8.96 @ 19.1 °C
0701418-002A	0701106-002A	W	6.96 @ 18.6 °C

Reporting Limit for DF = 1; ND means not detected at or above the reporting limit	W	1.0 mg DO/L @ °C
	S	NA





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Telephone: 877-252-9262 Fax: 925-252-9269

Torrent Laboratory, Inc.  483 Sinclair Frontage Road  Milpitas, CA 95035	Client Project ID: #Groundwater	Date Sampled: 01/18/07
		Date Received: 01/22/07
	Client Contact:	Date Extracted: 01/22/07
	Client P.O.:	Date Analyzed 01/24/07

### Metals\*

Extraction method E200.8

Analytical methods E200.8

Work Order: 0701418

Lab ID	Client ID	Matrix	Extraction	Boron	DF	% SS
0701418-001E	0701106-001A	W	DISS.	7.7	1	N/A
0701418-002E	0701106-002A	W	DISS.	14	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	DISS.	1.6	µg/L
	S	TTLC	NA	mg/Kg

\*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

# means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery; n) results are reported on a dry weight basis; p) see attached narrative.



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Torrent Laboratory, Inc.  483 Sinclair Frontage Road  Milpitas, CA 95035	Client Project ID: #Groundwater	Date Sampled: 01/18/07
		Date Received: 01/22/07
	Client Contact:	Date Extracted: 01/23/07
	Client P.O.:	Date Analyzed 01/23/07

### Total Kjeldahl Nitrogen\*

Analytical Method: E351.2

Work Order: 0701418

Lab ID	Client ID	Matrix	TKN as N	DF
0701418-001B	0701106-001A	W	ND	1
0701418-002B	0701106-002A	W	ND	1

Reporting Limit for DF = 1; ND means not detected at or above the reporting limit	W	0.6 mg/L
	S	NA

\*water/product/oil/non-aqueous liquid samples are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to matrix interference; n) reporting limit raised due to the nature of the sample.



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Torrent Laboratory, Inc.  483 Sinclair Frontage Road  Milpitas, CA 95035	Client Project ID: #Groundwater	Date Sampled: 01/18/07
		Date Received: 01/22/07
	Client Contact:	Date Extracted: 01/23/07
	Client P.O.:	Date Analyzed 01/23/07

### Total Phosphorous as P\*

Analytical Method: E365.1

Work Order: 0701418

Lab ID	Client ID	Matrix	Total Phosphorous as P	DF
0701418-001D	0701106-001A	W	0.068	1
0701418-002D	0701106-002A	W	0.056	1

Reporting Limit for DF = 1; ND means not detected at or above the reporting limit	W	0.04 mg/L
	S	NA

\*water/product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

i) liquid sample contains greater than ~1 vol. % sediment; J) analyte detected below quantitation limits.



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### QC SUMMARY REPORT FOR SW8141B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0701418

EPA Method SW8141B		Extraction SW3535A				BatchID: 25853			Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Diazinon	N/A	2.5	N/A	N/A	N/A	70.4	72.1	2.40	N/A	N/A	60 - 140	30
Disulfoton (Di-Syston)	N/A	2.5	N/A	N/A	N/A	77.1	75.7	1.79	N/A	N/A	60 - 140	30
Fenthion	N/A	2.5	N/A	N/A	N/A	73.1	72.4	1.01	N/A	N/A	60 - 140	30
Methyl parathion	N/A	2.5	N/A	N/A	N/A	81.5	81.5	0	N/A	N/A	60 - 140	30
%SS:	N/A	0.50	N/A	N/A	N/A	107	101	6.17	N/A	N/A	60 - 140	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

#### BATCH 25853 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0701418-001	1/18/07 2:45 AM	1/22/07	1/24/07 11:57 PM	0701418-002	1/18/07	1/22/07	1/25/07 1:07 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery =  $100 * (MS - Sample) / (Amount Spiked)$ ; RPD =  $100 * (MS - MSD) / ((MS + MSD) / 2)$ .

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.



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### QC SUMMARY REPORT FOR E365.1

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0701418

EPA Method E365.1		Extraction E365.1				BatchID: 25785			Spiked Sample ID: 0701332-007E			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Total Phosphorous as P	0.26	0.80	100	101	0.243	103	104	1.34	80 - 120	20	90 - 110	20
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE												

#### BATCH 25785 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0701418-001	1/18/07 2:45 AM	1/23/07	1/23/07 1:18 PM	0701418-002	1/18/07	1/23/07	1/23/07 1:19 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.



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### QC SUMMARY REPORT FOR SW8151A

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0701418

EPA Method SW8151A	Extraction SW3510C					BatchID: 25800			Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
2,4-D (Dichlorophenoxyacetic a	N/A	10	N/A	N/A	N/A	103	101	1.77	N/A	N/A	60 - 140	30
2,4-DB	N/A	10	N/A	N/A	N/A	125	121	3.44	N/A	N/A	60 - 140	30
Dalapon	N/A	10	N/A	N/A	N/A	85.6	104	19.6	N/A	N/A	60 - 140	30
Dicamba	N/A	10	N/A	N/A	N/A	120	126	4.48	N/A	N/A	60 - 140	30
2,4,5-TP (Silvex)	N/A	10	N/A	N/A	N/A	125	123	1.98	N/A	N/A	60 - 140	30
%SS:	N/A	10	N/A	N/A	N/A	117	119	1.71	N/A	N/A	60 - 140	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

#### BATCH 25800 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0701418-001	1/18/07 2:45 AM	1/22/07	1/24/07 6:30 PM	0701418-002	1/18/07	1/22/07	1/24/07 7:28 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.



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**QC SUMMARY REPORT FOR SM4500-NH3 G**

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0701418

EPA Method SM4500-NH3 G		Extraction SM4500-NH3 G			BatchID: 25833			Spiked Sample ID: 0701418-001F				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Total Ammonia as N	ND	4	89.2	92.9	4.03	90	91.8	1.95	80 - 120	20	90 - 110	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:  
NONE

BATCH 25833 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0701418-001	1/18/07 2:45 AM	1/23/07	1/23/07 1:27 PM	0701418-002	1/18/07	1/23/07	1/23/07 1:36 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.



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### QC SUMMARY REPORT FOR E200.8

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0701418

EPA Method E200.8		Extraction E200.8			BatchID: 25836			Spiked Sample ID: 0701419-004A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Boron	1300	100	NR	137, F1	NR	92.4	91.5	0.903	75 - 125	20	85 - 115	20
%SS:	104	750	104	106	2.62	104	103	0.450	70 - 130	20	70 - 130	20
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE												
F1 = MS / MSD exceed acceptance criteria. LCS - LCSD validate prep batch.												

#### BATCH 25836 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0701418-001	1/18/07 2:45 AM	1/22/07	1/24/07 9:29 AM	0701418-002	1/18/07	1/22/07	1/24/07 9:34 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.





**QC SUMMARY REPORT FOR E351.2**

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0701418

EPA Method E351.2		Extraction E351.2			BatchID: 25852			Spiked Sample ID: 0701418-001B				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	Acceptance Criteria (%)				
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TKN as N	ND	12	89.1	88.2	1.00	103	101	1.87	80 - 120	20	90 - 110	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 25852 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0701418-001	1/18/07 2:45 AM	1/23/07	1/23/07 1:21 PM	0701418-002	1/18/07	1/23/07	1/23/07 1:22 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.



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### QC SUMMARY REPORT FOR WET CHEMISTRY TESTS

Test Method: Alkalinity

Matrix: W

WorkOrder: 0701418

Method Name: SM2320B							BatchID: 25845		
SampleID	Analyte	Reporting Units	Sample	DF	Dup	DF	% RPD	Acceptance Criteria (%)	
0701418-001	Total*	mg CaCO3/L	115	1	114	1	1.4	<20	
0701418-002	Total*	mg CaCO3/L	110	1	106	1	3.15	<20	

#### BATCH 25845 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0701418-001C	1/18/07 2:45 AM	1/22/07	1/22/07 9:49 PM	0701418-002C	1/18/07	1/22/07	1/22/07 10:00 PM

Dup = Duplicate; Ser. Dil. = Serial Dilution; MS = Matrix Spike; RD = Relative Difference; RPD = Relative Percent Deviation.

RD = Absolute Value {Sample - Duplicate}; RPD = 100 \* (Sample - Duplicate) / [(Sample + Duplicate) / 2].



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### QC SUMMARY REPORT FOR WET CHEMISTRY TESTS

**Test Method: Dissolved Oxygen**

**Matrix: W**

**WorkOrder: 0701418**

Method Name: SM4500OG		Units mg DO/L @ °C			BatchID: 25849	
SampleID	Sample	DF	Dup / Ser. Dil.	DF	RD	Acceptance Criteria
0701418-001A	8.96 @ 19.1 °C	1	8.97 @ 19.1 °C	1	0.01	±0.05
0701418-002A	6.96 @ 18.6 °C	1	6.95 @ 18.5 °C	1	0.01	±0.05


#### BATCH 25849 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0701418-001A	1/18/07 2:45 AM	1/22/07	1/22/07 7:10 PM	0701418-002A	1/18/07	1/22/07	1/22/07 7:20 PM

Dup = Duplicate; Ser. Dil. = Serial Dilution; MS = Matrix Spike; RD = Relative Difference; RPD = Relative Percent Deviation.

RD = Absolute Value {Sample - Duplicate}; RPD = 100 \* (Sample - Duplicate) / [(Sample + Duplicate) / 2].

DHS ELAP Certification N° 1644

 QA/QC Officer

CLIENT: SES  
 Work Order: 0701106  
 Project:

**ANALYTICAL QC SUMMARY REPORT**

TestCode: 200.7 DISSOLVED

Sample ID	MB-3132	SampType:	MBLK	TestCode:	200.7 DISSO	Units:	mg/L	Prep Date:	1/23/2007	RunNo:	11702
Client ID:	ZZZZZ	Batch ID:	3132	TestNo:	E200.7D		(E200.7D/SW	Analysis Date:	1/24/2007	SeqNo:	173404

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminium	ND	0.050									
Cadmium	ND	0.0050									
Calcium	ND	0.10									
Chromium	ND	0.0050									
Copper	ND	0.010									
Lead	ND	0.015									
Magnesium	ND	0.050									
Nickel	ND	0.010									
Potassium	ND	1.0									
Sodium	0.2878	0.20									
Zinc	ND	0.010									

Sample ID	LCS-3132	SampType:	LCS	TestCode:	200.7 DISSO	Units:	mg/L	Prep Date:	1/23/2007	RunNo:	11702
Client ID:	ZZZZZ	Batch ID:	3132	TestNo:	E200.7D		(E200.7D/SW	Analysis Date:	1/24/2007	SeqNo:	173402

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminium	10.72	0.050	10	0	107	80	120				
Cadmium	1.025	0.0050	1	0.00107	102	80	120				
Calcium	10.82	0.10	10	0.03745	108	80	120				
Chromium	1.024	0.0050	1	0	102	80	120				
Copper	1.026	0.010	1	0	103	80	120				
Lead	1.019	0.015	1	0	102	80	120				
Magnesium	10.73	0.050	10	0	107	80	120				
Nickel	1.023	0.010	1	0	102	80	120				
Potassium	9.990	1.0	10	0	99.9	80	120				
Sodium	10.84	0.20	10	0.2878	106	80	120				B
Zinc	1.036	0.010	1	0.00321	103	80	120				

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701106  
 Project:

## ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7\_DISSOLVED

Sample ID	SampType	TestCode	Units	Prep Date	RunNo						
LCSD-3132	LCSD	200.7_DISSO	mg/L	1/23/2007	11702						
Client ID: ZZZZZ	Batch ID: 3132	TestNo: E200.7D	(E200.7D/SW)	Analysis Date: 1/24/2007	SeqNo: 173403						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminium	10.49	0.050	10	0	105	80	120	10.72	2.14	20	
Cadmium	0.9994	0.0050	1	0.00107	99.8	80	120	1.025	2.54	20	
Calcium	10.51	0.10	10	0.03745	105	80	120	10.82	2.93	20	
Chromium	1.002	0.0050	1	0	100	80	120	1.024	2.22	20	
Copper	0.9940	0.010	1	0	99.4	80	120	1.026	3.18	20	
Lead	1.043	0.015	1	0	104	80	120	1.019	2.39	20	
Magnesium	10.48	0.050	10	0	105	80	120	10.73	2.38	20	
Nickel	1.004	0.010	1	0	100	80	120	1.023	1.90	20	
Potassium	10.19	1.0	10	0	102	80	120	9.99	2.00	20	
Sodium	10.45	0.20	10	0.2878	102	80	120	10.84	3.69	20	B
Zinc	1.018	0.010	1	0.00321	101	80	120	1.036	1.77	20	

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

**CLIENT:** SES  
**Work Order:** 0701106  
**Project:**

## ANALYTICAL QC SUMMARY REPORT

**TestCode: 8081W**

Sample ID	SampType:	TestCode:	Units:	Prep Date:	RunNo:						
<b>WP070123A-MB</b>	<b>MBLK</b>	<b>8081W</b>	<b>µg/L</b>	<b>1/23/2007</b>	<b>11701</b>						
<b>Client ID: ZZZZZ</b>	<b>Batch ID: R11701</b>	<b>TestNo: SW8081A</b>		<b>Analysis Date: 1/24/2007</b>	<b>SeqNo: 173385</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	0.0200									
4,4'-DDE	ND	0.0200									
4,4'-DDT	ND	0.0200									
Aldrin	ND	0.0200									
alpha-BHC	ND	0.0200									
alpha-Chlordane	ND	0.0200									
beta-BHC	ND	0.0200									
Chlordane	ND	0.250									
delta-BHC	ND	0.0200									
Dieldrin	ND	0.0200									
Endosulfan I	ND	0.0200									
Endosulfan II	ND	0.0200									
Endosulfan sulfate	ND	0.0200									
Endrin	ND	0.0200									
Endrin aldehyde	ND	0.0200									
Endrin ketone	ND	0.0200									
gamma-BHC	ND	0.0200									
gamma-Chlordane	ND	0.0200									
Heptachlor	ND	0.0200									
Heptachlor epoxide	ND	0.0200									
Methoxychlor	ND	0.0500									
Oxyfluorfen	ND	0.0200									
Toxaphene	ND	1.00									
Surr: Decachlorobiphenyl	0.1944	0	0.25	0	77.8	52	116				
Surr: Tetrachloro-m-xylene	0.1673	0	0.25	0	66.9	40.3	118				

Sample ID	SampType:	TestCode:	Units:	Prep Date:	RunNo:						
<b>WP070123A-LCS</b>	<b>LCS</b>	<b>8081W</b>	<b>µg/L</b>	<b>1/23/2007</b>	<b>11701</b>						
<b>Client ID: ZZZZZ</b>	<b>Batch ID: R11701</b>	<b>TestNo: SW8081A</b>		<b>Analysis Date: 1/24/2007</b>	<b>SeqNo: 173386</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

<b>Qualifiers:</b> E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701106  
 Project:

## ANALYTICAL QC SUMMARY REPORT

TestCode: 8081W

Sample ID	SampType:	TestCode:	Units:	Prep Date:	RunNo:						
WP070123A-LCS	LCS	8081W	µg/L	1/23/2007	11701						
Client ID: ZZZZZ	Batch ID: R11701	TestNo: SW8081A		Analysis Date: 1/24/2007	SeqNo: 173386						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	0.1104	0.0200	0.1	0	110	58.4	126				
Aldrin	0.08319	0.0200	0.1	0	83.2	55.3	101				
Dieldrin	0.09553	0.0200	0.1	0	95.5	60.3	116				
Endrin	0.09892	0.0200	0.1	0	98.9	60.4	134				
gamma-BHC	0.09889	0.0200	0.1	0	98.9	61.6	135				
Heptachlor	0.08439	0.0200	0.1	0	84.4	60	97.8				
Surr: Decachlorobiphenyl	0.2392	0	0.25	0	95.7	52	116				
Surr: Tetrachloro-m-xylene	0.2215	0	0.25	0	88.6	40.3	118				

Sample ID	SampType:	TestCode:	Units:	Prep Date:	RunNo:						
WP070123A-LCSD	LCSD	8081W	µg/L	1/23/2007	11701						
Client ID: ZZZZZ	Batch ID: R11701	TestNo: SW8081A		Analysis Date: 1/24/2007	SeqNo: 173387						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	0.1292	0.0200	0.1	0	129	58.4	126	0.1104	15.7	35	S
Aldrin	0.09384	0.0200	0.1	0	93.8	55.3	101	0.08319	12.0	35	
Dieldrin	0.1094	0.0200	0.1	0	109	60.3	116	0.09553	13.6	35	
Endrin	0.1135	0.0200	0.1	0	113	60.4	134	0.09892	13.7	35	
gamma-BHC	0.1125	0.0200	0.1	0	113	61.6	135	0.09889	12.9	35	
Heptachlor	0.09050	0.0200	0.1	0	90.5	60	97.8	0.08439	6.99	35	
Surr: Decachlorobiphenyl	0.2387	0	0.25	0	95.5	52	116	0	0	0	
Surr: Tetrachloro-m-xylene	0.2480	0	0.25	0	99.2	40.3	118	0	0	0	

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701106  
 Project:

## ANALYTICAL QC SUMMARY REPORT

TestCode: ANIONS\_W

Sample ID <b>MBLK</b>	SampType: <b>MBLK</b>	TestCode: <b>ANIONS_W</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>11704</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11704</b>	TestNo: <b>E300</b>		Analysis Date: <b>1/20/2007</b>	SeqNo: <b>173444</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	ND	0.50									
Fluoride	ND	0.10									
Nitrate (As N)	ND	0.20									
Nitrite (As N)	ND	0.20									
Orthophosphate	ND	0.20									
Sulfate	ND	0.50									

Sample ID <b>LCS</b>	SampType: <b>LCS</b>	TestCode: <b>ANIONS_W</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>11704</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11704</b>	TestNo: <b>E300</b>		Analysis Date: <b>1/20/2007</b>	SeqNo: <b>173442</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	4.710	0.50	5	0	94.2	80	120				
Fluoride	4.708	0.10	5	0	94.2	80	120				
Nitrate (As N)	4.495	0.20	5	0	89.9	80	120				
Nitrite (As N)	4.670	0.20	5	0	93.4	80	120				
Orthophosphate	4.680	0.20	5	0	93.6	80	120				
Sulfate	4.769	0.50	5	0	95.4	80	120				

Sample ID <b>LCSD</b>	SampType: <b>LCSD</b>	TestCode: <b>ANIONS_W</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>11704</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11704</b>	TestNo: <b>E300</b>		Analysis Date: <b>1/20/2007</b>	SeqNo: <b>173443</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	4.467	0.50	5	0	89.3	80	120	4.71	5.30	20	
Fluoride	4.693	0.10	5	0	93.9	80	120	4.708	0.319	20	
Nitrate (As N)	4.509	0.20	5	0	90.2	80	120	4.495	0.311	20	
Nitrite (As N)	4.443	0.20	5	0	88.9	80	120	4.67	4.98	25	
Orthophosphate	4.771	0.20	5	0	95.4	80	120	4.68	1.93	20	
Sulfate	4.937	0.50	5	0	98.7	80	120	4.769	3.46	20	

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits



CLIENT: SES  
 Work Order: 0701106  
 Project:

## ANALYTICAL QC SUMMARY REPORT

TestCode: HG\_DW DISS\_245.1

Sample ID <b>MB-3129</b>	SampType: <b>MBLK</b>	TestCode: <b>HG_DW DISS</b>	Units: <b>mg/L</b>	Prep Date: <b>1/22/2007</b>	RunNo: <b>11687</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3129</b>	TestNo: <b>E245.1</b>	<b>(E245.1PR)</b>	Analysis Date: <b>1/23/2007</b>	SeqNo: <b>173185</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.0002000	0.00020									

Sample ID <b>LCS-3129</b>	SampType: <b>LCS</b>	TestCode: <b>HG_DW DISS</b>	Units: <b>mg/L</b>	Prep Date: <b>1/22/2007</b>	RunNo: <b>11687</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3129</b>	TestNo: <b>E245.1</b>	<b>(E245.1PR)</b>	Analysis Date: <b>1/23/2007</b>	SeqNo: <b>173183</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.01620	0.00020	0.015	0.0002	107	80	120				

Sample ID <b>LCSD-3129</b>	SampType: <b>LCSD</b>	TestCode: <b>HG_DW DISS</b>	Units: <b>mg/L</b>	Prep Date: <b>1/22/2007</b>	RunNo: <b>11687</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3129</b>	TestNo: <b>E245.1</b>	<b>(E245.1PR)</b>	Analysis Date: <b>1/23/2007</b>	SeqNo: <b>173184</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.01650	0.00020	0.015	0.0002	109	80	120	0.0162	1.83	20	

Sample ID <b>0701106-001AMS</b>	SampType: <b>MS</b>	TestCode: <b>HG_DW DISS</b>	Units: <b>mg/L</b>	Prep Date: <b>1/22/2007</b>	RunNo: <b>11687</b>						
Client ID: <b>Ag Well 1</b>	Batch ID: <b>3129</b>	TestNo: <b>E245.1</b>	<b>(E245.1PR)</b>	Analysis Date: <b>1/23/2007</b>	SeqNo: <b>173179</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.01620	0.00020	0.015	0.0005	105	75	125				

Sample ID <b>0701106-001AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>HG_DW DISS</b>	Units: <b>mg/L</b>	Prep Date: <b>1/22/2007</b>	RunNo: <b>11687</b>						
Client ID: <b>Ag Well 1</b>	Batch ID: <b>3129</b>	TestNo: <b>E245.1</b>	<b>(E245.1PR)</b>	Analysis Date: <b>1/23/2007</b>	SeqNo: <b>173180</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.01650	0.00020	0.015	0.0005	107	75	125	0.0162	1.83	20	

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

CLIENT: SES  
Work Order: 0701106  
Project:

## ANALYTICAL QC SUMMARY REPORT

TestCode: TDS\_W

Sample ID	MB-R11692	SampType:	MBLK	TestCode:	TDS_W	Units:	mg/L	Prep Date:	1/22/2007	RunNo:	11692		
Client ID:	ZZZZZ	Batch ID:	R11692	TestNo:	E160.1			Analysis Date:	1/22/2007	SeqNo:	173250		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		ND		10									

**Qualifiers:** E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701106  
 Project:

## ANALYTICAL QC SUMMARY REPORT

TestCode: TPH\_GAS\_W\_GCMS

Sample ID <b>MB-G</b>	SampType: <b>MBLK</b>	TestCode: <b>TPH_GAS_W</b>	Units: <b>µg/L</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11696</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>G11696</b>	TestNo: <b>GC-MS</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173344</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Gasoline)	ND	50									
Surr: 4-Bromofluorobenzene	10.90	0	11.36	0	96.0	58.4	133				

Sample ID <b>LCS-G</b>	SampType: <b>LCS</b>	TestCode: <b>TPH_GAS_W</b>	Units: <b>µg/L</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11696</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>G11696</b>	TestNo: <b>GC-MS</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173342</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Gasoline)	247.0	50	227	0	109	52.4	127				
Surr: 4-Bromofluorobenzene	11.50	0	11.36	0	101	58.4	133				

Sample ID <b>LCSD-G</b>	SampType: <b>LCSD</b>	TestCode: <b>TPH_GAS_W</b>	Units: <b>µg/L</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11696</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>G11696</b>	TestNo: <b>GC-MS</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173343</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Gasoline)	185.7	50	227	0	81.8	52.4	127	247	28.3	30	
Surr: 4-Bromofluorobenzene	11.00	0	11.36	0	96.8	58.4	133	0	0	0	

<b>Qualifiers:</b>	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701106  
 Project:

## ANALYTICAL QC SUMMARY REPORT

TestCode: TPHDOSG\_W

Sample ID	<b>WDSG070122A-MB</b>	SampType:	<b>MBLK</b>	TestCode:	<b>TPHDOSG_</b>	Units:	<b>mg/L</b>	Prep Date:	<b>1/22/2007</b>	RunNo:	<b>11672</b>
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>R11672</b>	TestNo:	<b>SW8015B</b>	Analysis Date:	<b>1/22/2007</b>	SeqNo:	<b>172830</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	ND	0.0280									
TPH (Motor Oil)	ND	0.0140									
Surr: Pentacosane	0.07200	0	0.1	0	72.0	40	120				

Sample ID	<b>WDSG070122A-LCS</b>	SampType:	<b>LCS</b>	TestCode:	<b>TPHDOSG_</b>	Units:	<b>mg/L</b>	Prep Date:	<b>1/22/2007</b>	RunNo:	<b>11672</b>
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>R11672</b>	TestNo:	<b>SW8015B</b>	Analysis Date:	<b>1/22/2007</b>	SeqNo:	<b>172831</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	0.4380	0.0280	1	0	43.8	30	68.5				
Surr: Pentacosane	0.07200	0	0.1	0	72.0	46.8	104				

Sample ID	<b>WDSG070122A-LCS</b>	SampType:	<b>LCSD</b>	TestCode:	<b>TPHDOSG_</b>	Units:	<b>mg/L</b>	Prep Date:	<b>1/22/2007</b>	RunNo:	<b>11672</b>
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>R11672</b>	TestNo:	<b>SW8015B</b>	Analysis Date:	<b>1/22/2007</b>	SeqNo:	<b>172832</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	0.4960	0.0280	1	0	49.6	30	68.5	0.438	12.4	30	
Surr: Pentacosane	0.07500	0	0.1	0	75.0	46.8	104	0	0	0	

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

[www.torrentlab.com](http://www.torrentlab.com)

February 19, 2007

Tom McCloskey  
SES  
110 11th Street  
Oakland, CA 94607

TEL: (510) 451-2917  
FAX (510) 451-1150

RE: Madera-Herman

Order No.: 0702123

Dear Tom McCloskey:

Torrent Laboratory, Inc. received 6 samples on 2/16/2007 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,

  
Laboratory Director

02-19-07  
Date

Patti Sandrock  
QA Officer

**Torrent Laboratory, Inc.**

**Date:** 19-Feb-07

---

**CLIENT:** SES  
**Project:** Madera-Herman  
**Lab Order:** 0702123

**CASE NARRATIVE**

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Per client request, silica gel clean-up procedures were employed on all TPHD/Mo samples.



# TORRENT LABORATORY, INC.

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Visit us at [www.torrentlab.com](http://www.torrentlab.com) email: [analysis@torrentlab.com](mailto:analysis@torrentlab.com)

Report prepared for: Tom McCloskey  
SES

Date Received: 2/16/2007  
Date Reported: 2/19/2007

Client Sample ID: SB Ag Well4 surface  
Sample Location: Madera-Herman  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 11:20:00 AM

Lab Sample ID: 0702123-001  
Date Prepared: 2/16/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	2/19/2007	2	1	2.00	4.4 x	mg/Kg	R11930
TPH (Motor Oil)	SW8015B	2/19/2007	4	1	4.00	20 x	mg/Kg	R11930
Surr: Pentacosane	SW8015B	2/19/2007	0	1	28-125	92.8	%REC	R11930

Note: x-Two patterns present. One heavier than Diesel but lighter than Motor Oil. The other within the Motor Oil range (possibly aged). Lighter than motor oil hydrocarbons within the diesel range quantitated as diesel. Hydrocarbons within the motor oil range quantitated as motor oil.

Client Sample ID: SB AG Well 4 5 ft  
Sample Location: Madera-Herman  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 10:35:00 AM

Lab Sample ID: 0702123-002  
Date Prepared: 2/16/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	2/19/2007	2	1	2.00	ND	mg/Kg	R11930
TPH (Motor Oil)	SW8015B	2/19/2007	4	1	4.00	ND	mg/Kg	R11930
Surr: Pentacosane	SW8015B	2/19/2007	0	1	28-125	84.5	%REC	R11930

Client Sample ID: SB AG Well 4 10 ft  
Sample Location: Madera-Herman  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 10:40:00 AM

Lab Sample ID: 0702123-003  
Date Prepared: 2/16/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	2/19/2007	2	1	2.00	ND	mg/Kg	R11930
TPH (Motor Oil)	SW8015B	2/19/2007	4	1	4.00	ND	mg/Kg	R11930
Surr: Pentacosane	SW8015B	2/19/2007	0	1	28-125	75.2	%REC	R11930

Report prepared for: Tom McCloskey  
SES

Date Received: 2/16/2007  
Date Reported: 2/19/2007

Client Sample ID: SB AG Well 1 surface  
Sample Location: Madera-Herman  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 3:59:00 PM

Lab Sample ID: 0702123-004  
Date Prepared: 2/16/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	2/19/2007	2	20	40.0	ND	mg/Kg	R11930
TPH (Motor Oil)	SW8015B	2/19/2007	4	20	80.0	1930	mg/Kg	R11930
Surr: Pentacosane	SW8015B	2/19/2007	0	20	28-125	55.2	%REC	R11930

Client Sample ID: SB AG Well 1 5 ft  
Sample Location: Madera-Herman  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 4:20:00 PM

Lab Sample ID: 0702123-005  
Date Prepared: 2/16/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	2/19/2007	2	1	2.00	ND	mg/Kg	R11930
TPH (Motor Oil)	SW8015B	2/19/2007	4	1	4.00	ND	mg/Kg	R11930
Surr: Pentacosane	SW8015B	2/19/2007	0	1	28-125	74.9	%REC	R11930

Client Sample ID: SB AG Well 1 10 ft  
Sample Location: Madera-Herman  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 4:25:00 PM

Lab Sample ID: 0702123-006  
Date Prepared: 2/16/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	2/19/2007	2	1	2.00	ND	mg/Kg	R11930
TPH (Motor Oil)	SW8015B	2/19/2007	4	1	4.00	ND	mg/Kg	R11930
Surr: Pentacosane	SW8015B	2/19/2007	0	1	28-125	73.9	%REC	R11930



**Definitions, legends and Notes**

Note	Description
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #



CLIENT: SES  
 Work Order: 0702123  
 Project: Madera-Herman

**ANALYTICAL QC SUMMARY REPORT**

TestCode: TPHDOSG\_S

Sample ID	<b>SDSG070616A-MB</b>	SampType:	<b>MBLK</b>	TestCode:	<b>TPHDOSG_S</b>	Units:	<b>mg/Kg</b>	Prep Date:	<b>2/16/2007</b>	RunNo:	<b>11930</b>			
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>R11930</b>	TestNo:	<b>SW8015B</b>			Analysis Date:	<b>2/19/2007</b>	SeqNo:	<b>176499</b>			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Diesel)		ND		2.00										
TPH (Motor Oil)		ND		4.00										
Surr: Pentacosane		3.057		0	3.3	0		92.6	28	125				

Sample ID	<b>SDSG070616A-LCS</b>	SampType:	<b>LCS</b>	TestCode:	<b>TPHDOSG_S</b>	Units:	<b>mg/Kg</b>	Prep Date:	<b>2/16/2007</b>	RunNo:	<b>11930</b>			
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>R11930</b>	TestNo:	<b>SW8015B</b>			Analysis Date:	<b>2/19/2007</b>	SeqNo:	<b>176500</b>			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Diesel)		29.86		2.00	33.33	0		89.6	26.6	128				
Surr: Pentacosane		3.054		0	3.3	0		92.5	28	125				

Sample ID	<b>SDSG070616A-LCS</b>	SampType:	<b>LCSD</b>	TestCode:	<b>TPHDOSG_S</b>	Units:	<b>mg/Kg</b>	Prep Date:	<b>2/16/2007</b>	RunNo:	<b>11930</b>			
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>R11930</b>	TestNo:	<b>SW8015B</b>			Analysis Date:	<b>2/19/2007</b>	SeqNo:	<b>176502</b>			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Diesel)		27.96		2.00	33.33	0		83.9	26.6	128	29.86	6.55	30	
Surr: Pentacosane		2.978		0	3.3	0		90.2	28	125	0	0	0	

Sample ID	<b>0702123-002A MS</b>	SampType:	<b>MS</b>	TestCode:	<b>TPHDOSG_S</b>	Units:	<b>mg/Kg</b>	Prep Date:	<b>2/16/2007</b>	RunNo:	<b>11930</b>			
Client ID:	<b>SB AG Well 4 5 ft</b>	Batch ID:	<b>R11930</b>	TestNo:	<b>SW8015B</b>			Analysis Date:	<b>2/19/2007</b>	SeqNo:	<b>176511</b>			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Diesel)		29.91		2.00	33.33	0		89.7	26.6	128				
Surr: Pentacosane		2.981		0	3.3	0		90.3	28	125				

Qualifiers: E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit              R RPD outside accepted recovery limits              S Spike Recovery outside accepted recovery limits

**CLIENT:** SES  
**Work Order:** 0702123  
**Project:** Madera-Herman

## ANALYTICAL QC SUMMARY REPORT

**TestCode:** TPHDOSG\_S

Sample ID	0702123-002A MSD	SampType:	MSD	TestCode:	TPHDOSG_S	Units:	mg/Kg	Prep Date:	2/16/2007	RunNo:	11930	
Client ID:	SB AG Well 4 5 ft	Batch ID:	R11930	TestNo:	SW8015B			Analysis Date:	2/19/2007	SeqNo:	176512	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)		29.48	2.00	33.33	0	88.5	26.6	128	29.91	1.43	30	
Surr: Pentacosane		3.064	0	3.3	0	92.8	28	125	0	0	0	

**Qualifiers:** E Value above quantitation range  
ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits

J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits



483 Sinclair Frontage Road  
 Milpitas, CA 95035  
 Phone: 408.263.5258  
 FAX: 408.263.8293  
 www.torrentlab.com

# CHAIN OF CUSTODY

LAB WORK ORDER NO

0702123

NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY.

Company Name: SES, Inc Location of Sampling: madura-Herman  
 Address: 110 11th St Purpose:  
 City: Oakland State: CA Zip Code: Special Instructions / Comments:  
 Telephone: FAX:

REPORT TO: Tom McCloskey SAMPLER: Karel D P.O. #: EMAIL:

TURNAROUND TIME:

- 10 Work Days  3 Work Days  Noon - Nxt Day  
 7 Work Days  2 Work Days  2 - 8 Hours  
 5 Work Days  1 Work Day  Other

SAMPLE TYPE:

- Storm Water  Air  
 Waste Water  Other  
 Ground Water  
 Soil

REPORT FORMAT:

- QC Level IV  
 EDF  
 Excel / EDD

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	REMARKS
001	SB Agwell 14 surface	11:20 11/9/07	Soil	BS	1	0702113-001
002	5ft	10:35				2
003	10ft	10:40				3
004	SB Agwell 1 surface	11:50 11/9/07				0702112-001
005	5ft	16:20				-002
006	10ft	16:25				-003

RUSH  
1 DAY

TORRENT LAB

1	Relinquished By: <u>DR FAX + phone request</u>	Print:	Date: <u>2/16/07</u>	Time:	Received By: <u>[Signature]</u>	Print:	Date: <u>2/16/07</u>	Time:
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Were Samples Received in Good Condition?  Yes  NO Samples on Ice?  Yes  NO Method of Shipment \_\_\_\_\_ Sample seals intact?  Yes  NO  N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. Page \_\_\_\_\_ of \_\_\_\_\_

Log In By: \_\_\_\_\_ Date: \_\_\_\_\_ Log In Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_

→ Pat's  
 @ 263-8293  
 15. run samples  
 on sample  
 show me 24 W.  
 070112

### CHAIN OF CUSTODY RECORD

Project Name: Mechanics - Hermon

Job No.: \_\_\_\_\_

Report To: Tom McChesney

Sampler (print): Karel Dettler

Sampler (Signature): Karel Dettler

Electronic Data/Barcode Format Required:  YES  NO

EDV LOGCODE:  LAMY  LAD  LAF

Classified per 41 CFR 101-11.6

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	Remarks
S18 A wall 16A/11/07	1/5/07	1559	001A	Soil	15 Spec	
S18 A wall 16A/11/07	1/6/07	1620	002A			
S18 A wall 16A/11/07	1/6/07	1625	003A			
S18 A wall 16A/11/07	1/6/07	1630	004A			
S18 A wall 16A/11/07	1/6/07	1616	005A			Hold
S22 A wall 1	1/7/07	1719	007A			
S22 A wall 2	1/7/07	1720	008A			
S22 A wall 3	1/7/07	1725	009A			
S22 A wall 4	1/7/07	1737	010A			
S22 A wall 5	1/7/07	1744	011A			
S22 A wall 6	1/7/07	1745	012A			

Turnaround Requirements:  
 5 Working Days  
 48 Hours  
 24 Hours  
 2-3 Hours BUSY  
 \_\_\_\_\_

QC Requirements:  
 Level A (standard)  
 \_\_\_\_\_

Method: D1015/1021  
 TRM (418-1) with 5mm grain  
 Method: D260 (Former D10 H2)  
 Method: D260 (Former D10 H2)  
 Organochlorine Pesticides (9081)  
 Metals: Arsenic, Pb, Ni

Received By: Pat's Date: 1/19 Time: 7:10 PM Initial: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Lab of Record: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received By Lab: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

NA 80 1/23



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

[www.torrentlab.com](http://www.torrentlab.com)

January 29, 2007 (Revision 1)

Tom McCloskey

SES

110 11th Street

Oakland, CA 94607

TEL: (510) 451-2917

FAX (510) 451-1150

RE: Revised to report SS\_3 OCP data to lowest possible DLs ( 40X rather than 50X)

Order No.: 0701113

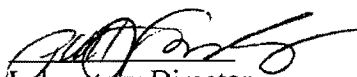
Dear Tom McCloskey:

Torrent Laboratory, Inc. received 21 samples on 1/19/2007 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.


Torrent Laboratory, Inc, is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,

  
Laboratory Director

1/29/07  
Date

Patti Sandrock

QA Officer 



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

[www.torrentlab.com](http://www.torrentlab.com)

**Torrent Laboratory, Inc.**

Date: 29-Jan-07

CLIENT: SES

Project:

Lab Order: 0701113

## CASE NARRATIVE

---

Revised to report EPA 8081 data for sample 0701113-017A (SS-3) to a lower reporting limit. Sample re-analyzed at dilution 40X rather than originally report 50X. No QC was affected by this change.

Rev 1





# TORRENT LABORATORY, INC.

483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293

Visit us at [www.torrentlab.com](http://www.torrentlab.com) email: [analysis@torrentlab.com](mailto:analysis@torrentlab.com)

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/26/2007

Client Sample ID: SB Ag Well 4 Surface  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 11:20:00 AM

Lab Sample ID: 0701113-001  
Date Prepared: 1/25/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/25/2007	100	1	100	ND	µg/Kg	R11707
Surr: 4-Bromofluorobenzene	GC-MS	1/25/2007	0	1	57-127	81.7	%REC	R11707
Benzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Ethylbenzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Methyl tert-butyl ether (MTBE)	SW8260B	1/25/2007	10	1	10	ND	µg/Kg	VOC11707
Toluene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Xylenes, Total	SW8260B	1/25/2007	15	1	15	ND	µg/Kg	VOC11707
Surr: 4-Bromofluorobenzene	SW8260B	1/25/2007	0	1	62.8-123	115	%REC	VOC11707
Surr: Dibromofluoromethane	SW8260B	1/25/2007	0	1	63.3-151	121	%REC	VOC11707
Surr: Toluene-d8	SW8260B	1/25/2007	0	1	60.8-124	92.9	%REC	VOC11707

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007

Date Reported: 1/26/2007

Client Sample ID: SB Ag Well 4 5ft  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 10:35:00 AM

Lab Sample ID: 0701113-002

Date Prepared: 1/25/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/25/2007	100	1	100	ND	µg/Kg	R11707
Surr: 4-Bromofluorobenzene	GC-MS	1/25/2007	0	1	57-127	86.0	%REC	R11707
Benzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Ethylbenzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Methyl tert-butyl ether (MTBE)	SW8260B	1/25/2007	10	1	10	ND	µg/Kg	VOC11707
Toluene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Xylenes, Total	SW8260B	1/25/2007	15	1	15	ND	µg/Kg	VOC11707
Surr: 4-Bromofluorobenzene	SW8260B	1/25/2007	0	1	62.8-123	99.2	%REC	VOC11707
Surr: Dibromofluoromethane	SW8260B	1/25/2007	0	1	63.3-151	112	%REC	VOC11707
Surr: Toluene-d8	SW8260B	1/25/2007	0	1	60.8-124	91.2	%REC	VOC11707

Client Sample ID: SB Ag Well 4 10ft  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 10:40:00 AM

Lab Sample ID: 0701113-003

Date Prepared: 1/25/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/25/2007	100	1	100	ND	µg/Kg	R11707
Surr: 4-Bromofluorobenzene	GC-MS	1/25/2007	0	1	57-127	81.4	%REC	R11707
Benzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Ethylbenzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Methyl tert-butyl ether (MTBE)	SW8260B	1/25/2007	10	1	10	ND	µg/Kg	VOC11707
Toluene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Xylenes, Total	SW8260B	1/25/2007	15	1	15	ND	µg/Kg	VOC11707
Surr: 4-Bromofluorobenzene	SW8260B	1/25/2007	0	1	62.8-123	103	%REC	VOC11707
Surr: Dibromofluoromethane	SW8260B	1/25/2007	0	1	63.3-151	115	%REC	VOC11707
Surr: Toluene-d8	SW8260B	1/25/2007	0	1	60.8-124	89.4	%REC	VOC11707

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007

Date Reported: 1/26/2007

Client Sample ID: SB-1 Surface  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 12:00:00 PM

Lab Sample ID: 0701113-005  
Date Prepared: 1/25/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/25/2007	100	1	100	ND	µg/Kg	R11707
Surr: 4-Bromofluorobenzene	GC-MS	1/25/2007	0	1	57-127	70.0	%REC	R11707
Benzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Ethylbenzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Methyl tert-butyl ether (MTBE)	SW8260B	1/25/2007	10	1	10	ND	µg/Kg	VOC11707
Toluene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Xylenes, Total	SW8260B	1/25/2007	15	1	15	ND	µg/Kg	VOC11707
Surr: 4-Bromofluorobenzene	SW8260B	1/25/2007	0	1	62.8-123	109	%REC	VOC11707
Surr: Dibromofluoromethane	SW8260B	1/25/2007	0	1	63.3-151	125	%REC	VOC11707
Surr: Toluene-d8	SW8260B	1/25/2007	0	1	60.8-124	91.1	%REC	VOC11707

Client Sample ID: SB-1 5ft  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 12:20:00 PM

Lab Sample ID: 0701113-006  
Date Prepared: 1/25/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/25/2007	100	1	100	ND	µg/Kg	R11707
Surr: 4-Bromofluorobenzene	GC-MS	1/25/2007	0	1	57-127	80.3	%REC	R11707
Benzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Ethylbenzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Methyl tert-butyl ether (MTBE)	SW8260B	1/25/2007	10	1	10	ND	µg/Kg	VOC11707
Toluene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Xylenes, Total	SW8260B	1/25/2007	15	1	15	ND	µg/Kg	VOC11707
Surr: 4-Bromofluorobenzene	SW8260B	1/25/2007	0	1	62.8-123	108	%REC	VOC11707
Surr: Dibromofluoromethane	SW8260B	1/25/2007	0	1	63.3-151	112	%REC	VOC11707
Surr: Toluene-d8	SW8260B	1/25/2007	0	1	60.8-124	89.7	%REC	VOC11707

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/26/2007

Client Sample ID: SB-1 10ft  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 12:25:00 PM

Lab Sample ID: 0701113-007  
Date Prepared: 1/25/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/25/2007	100	1	100	ND	µg/Kg	R11707
Surr: 4-Bromofluorobenzene	GC-MS	1/25/2007	0	1	57-127	79.7	%REC	R11707
Benzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Ethylbenzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Methyl tert-butyl ether (MTBE)	SW8260B	1/25/2007	10	1	10	ND	µg/Kg	VOC11707
Toluene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Xylenes, Total	SW8260B	1/25/2007	15	1	15	ND	µg/Kg	VOC11707
Surr: 4-Bromofluorobenzene	SW8260B	1/25/2007	0	1	62.8-123	105	%REC	VOC11707
Surr: Dibromofluoromethane	SW8260B	1/25/2007	0	1	63.3-151	107	%REC	VOC11707
Surr: Toluene-d8	SW8260B	1/25/2007	0	1	60.8-124	92.4	%REC	VOC11707

Client Sample ID: SB-2 Surface  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 12:15:00 PM

Lab Sample ID: 0701113-009  
Date Prepared: 1/25/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/25/2007	100	1	100	ND	µg/Kg	R11707
Surr: 4-Bromofluorobenzene	GC-MS	1/25/2007	0	1	57-127	64.8	%REC	R11707
Benzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Ethylbenzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Methyl tert-butyl ether (MTBE)	SW8260B	1/25/2007	10	1	10	ND	µg/Kg	VOC11707
Toluene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Xylenes, Total	SW8260B	1/25/2007	15	1	15	ND	µg/Kg	VOC11707
Surr: 4-Bromofluorobenzene	SW8260B	1/25/2007	0	1	62.8-123	115	%REC	VOC11707
Surr: Dibromofluoromethane	SW8260B	1/25/2007	0	1	63.3-151	121	%REC	VOC11707
Surr: Toluene-d8	SW8260B	1/25/2007	0	1	60.8-124	90.4	%REC	VOC11707

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007

Date Reported: 1/26/2007

Client Sample ID: SB-3 Surface  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 12:25:00 PM

Lab Sample ID: 0701113-013

Date Prepared: 1/25/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/25/2007	100	1	100	ND	µg/Kg	R11707
Surr: 4-Bromofluorobenzene	GC-MS	1/25/2007	0	1	57-127	84.4	%REC	R11707
Antimony	SW6010B	1/24/2007	5	1	5.0	ND	mg/Kg	3135
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	2.7	mg/Kg	3135
Barium	SW6010B	1/24/2007	5	1	5.0	65	mg/Kg	3135
Beryllium	SW6010B	1/24/2007	2	1	2.0	ND	mg/Kg	3135
Cadmium	SW6010B	1/24/2007	1	1	1.0	ND	mg/Kg	3135
Chromium	SW6010B	1/24/2007	5	1	5.0	13	mg/Kg	3135
Cobalt	SW6010B	1/24/2007	5	1	5.0	8.0	mg/Kg	3135
Copper	SW6010B	1/24/2007	5	1	5.0	10	mg/Kg	3135
Lead	SW6010B	1/24/2007	1	1	1.0	6.4	mg/Kg	3135
Molybdenum	SW6010B	1/24/2007	5	1	5.0	ND	mg/Kg	3135
Nickel	SW6010B	1/24/2007	5	1	5.0	6.2	mg/Kg	3135
Selenium	SW6010B	1/24/2007	5	1	5.0	ND	mg/Kg	3135
Silver	SW6010B	1/24/2007	1	1	1.0	ND	mg/Kg	3135
Thallium	SW6010B	1/24/2007	5	1	5.0	ND	mg/Kg	3135
Vanadium	SW6010B	1/24/2007	5	1	5.0	29	mg/Kg	3135
Zinc	SW6010B	1/24/2007	5	1	5.0	18	mg/Kg	3135
Mercury	SW7471A	1/25/2007	0.1	1	0.10	ND	mg/Kg	3138

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007

Date Reported: 1/26/2007

4,4'-DDD	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
4,4'-DDE	SW8081A	1/25/2007	2	1	2.00	2.06	µg/Kg	R11700
4,4'-DDT	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
Aldrin	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
alpha-BHC	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
alpha-Chlordane	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
beta-BHC	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
Chlordane	SW8081A	1/25/2007	20	1	20.0	ND	µg/Kg	R11700
delta-BHC	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
Dieldrin	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan I	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan II	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
Endosulfan sulfate	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin aldehyde	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
Endrin ketone	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
gamma-BHC	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
gamma-Chlordane	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
Heptachlor	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
Heptachlor epoxide	SW8081A	1/25/2007	2	1	2.00	ND	µg/Kg	R11700
Methoxychlor	SW8081A	1/25/2007	5	1	5.00	ND	µg/Kg	R11700
Toxaphene	SW8081A	1/25/2007	100	1	100	ND	µg/Kg	R11700
Surr: Decachlorobiphenyl	SW8081A	1/25/2007	0	1	54.6-127	106	%REC	R11700
Surr: Tetrachloro-m-xylene	SW8081A	1/25/2007	0	1	54-122	103	%REC	R11700

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/26/2007

1,1,1-Trichloroethane	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
1,1,2,2-Tetrachloroethane	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
1,1,2-Trichloroethane	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
1,1-Dichloroethane	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
1,1-Dichloroethene	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
1,1-Dichloropropene	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
1,2-Dichlorobenzene	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
1,2-Dichloroethane (EDC)	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
1,2-Dichloropropane	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
1,3-Dichlorobenzene	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
1,4-Dichlorobenzene	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
2-Chloroethyl vinyl ether	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
Bromodichloromethane	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
Bromoform	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
Bromomethane	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
Carbon tetrachloride	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
Chlorobenzene	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
Chloroethane	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
Chloroform	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
Chloromethane	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
cis-1,2-Dichloroethene	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
cis-1,3-Dichloropropene	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
Dibromochloromethane	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
Dichlorodifluoromethane	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
Freon-113	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
Methylene chloride	SW8260B	1/25/2007	50	1	50.0	ND	µg/Kg	R11707
Tetrachloroethene	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
trans-1,2-Dichloroethene	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
trans-1,3-Dichloropropene	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
Trichloroethene	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
Trichlorofluoromethane	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
Vinyl chloride	SW8260B	1/25/2007	10	1	10.0	ND	µg/Kg	R11707
Surr: 4-Bromofluorobenzene	SW8260B	1/25/2007	0	1	62.8-123	105	%REC	R11707
Surr: Dibromofluoromethane	SW8260B	1/25/2007	0	1	63.3-151	117	%REC	R11707
Surr: Toluene-d8	SW8260B	1/25/2007	0	1	60.8-124	89.7	%REC	R11707
Benzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Ethylbenzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Methyl tert-butyl ether (MTBE)	SW8260B	1/25/2007	10	1	10	ND	µg/Kg	VOC11707
Toluene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Xylenes, Total	SW8260B	1/25/2007	15	1	15	ND	µg/Kg	VOC11707
Surr: 4-Bromofluorobenzene	SW8260B	1/25/2007	0	1	62.8-123	105	%REC	VOC11707
Surr: Dibromofluoromethane	SW8260B	1/25/2007	0	1	63.3-151	117	%REC	VOC11707
Surr: Toluene-d8	SW8260B	1/25/2007	0	1	60.8-124	89.7	%REC	VOC11707

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007

Date Reported: 1/26/2007

Client Sample ID: SS-1  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 3:08:00 PM

Lab Sample ID: 0701113-015  
Date Prepared: 1/23/2007-1/24/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	1/24/2007	5	1	5.0	ND	mg/Kg	3135
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	1.7	mg/Kg	3135
Barium	SW6010B	1/24/2007	5	1	5.0	65	mg/Kg	3135
Beryllium	SW6010B	1/24/2007	2	1	2.0	ND	mg/Kg	3135
Cadmium	SW6010B	1/24/2007	1	1	1.0	ND	mg/Kg	3135
Chromium	SW6010B	1/24/2007	5	1	5.0	12	mg/Kg	3135
Cobalt	SW6010B	1/24/2007	5	1	5.0	5.1	mg/Kg	3135
Copper	SW6010B	1/24/2007	5	1	5.0	11	mg/Kg	3135
Lead	SW6010B	1/24/2007	1	1	1.0	14	mg/Kg	3135
Molybdenum	SW6010B	1/24/2007	5	1	5.0	ND	mg/Kg	3135
Nickel	SW6010B	1/24/2007	5	1	5.0	8.7	mg/Kg	3135
Selenium	SW6010B	1/24/2007	5	1	5.0	ND	mg/Kg	3135
Silver	SW6010B	1/24/2007	1	1	1.0	ND	mg/Kg	3135
Thallium	SW6010B	1/24/2007	5	1	5.0	ND	mg/Kg	3135
Vanadium	SW6010B	1/24/2007	5	1	5.0	24	mg/Kg	3135
Zinc	SW6010B	1/24/2007	5	1	5.0	50	mg/Kg	3135
Mercury	SW7471A	1/25/2007	0.1	1	0.10	ND	mg/Kg	3138



Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/26/2007

Client Sample ID: SS-2  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 3:09:00 PM

Lab Sample ID: 0701113-016  
Date Prepared: 1/23/2007-1/24/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	1/24/2007	5	1	5.0	ND	mg/Kg	3135
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	1.7	mg/Kg	3135
Barium	SW6010B	1/24/2007	5	1	5.0	72	mg/Kg	3135
Beryllium	SW6010B	1/24/2007	2	1	2.0	ND	mg/Kg	3135
Cadmium	SW6010B	1/24/2007	1	1	1.0	ND	mg/Kg	3135
Chromium	SW6010B	1/24/2007	5	1	5.0	9.8	mg/Kg	3135
Cobalt	SW6010B	1/24/2007	5	1	5.0	ND	mg/Kg	3135
Copper	SW6010B	1/24/2007	5	1	5.0	14	mg/Kg	3135
Lead	SW6010B	1/24/2007	1	1	1.0	7.8	mg/Kg	3135
Molybdenum	SW6010B	1/24/2007	5	1	5.0	ND	mg/Kg	3135
Nickel	SW6010B	1/24/2007	5	1	5.0	5.0	mg/Kg	3135
Selenium	SW6010B	1/24/2007	5	1	5.0	ND	mg/Kg	3135
Silver	SW6010B	1/24/2007	1	1	1.0	ND	mg/Kg	3135
Thallium	SW6010B	1/24/2007	5	1	5.0	ND	mg/Kg	3135
Vanadium	SW6010B	1/24/2007	5	1	5.0	21	mg/Kg	3135
Zinc	SW6010B	1/24/2007	5	1	5.0	120	mg/Kg	3135
Mercury	SW7471A	1/25/2007	0.1	1	0.10	ND	mg/Kg	3138

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007

Date Reported: 1/26/2007

Client Sample ID: SS-3

Lab Sample ID: 0701113-017

Sample Location: Madera-Herman Parcels,CA

Date Prepared: 1/23/2007-1/24/2007

Sample Matrix: SOIL

Date/Time Sampled 1/19/2007 3:21:00 PM

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	2.0	mg/Kg	3135
Lead	SW6010B	1/24/2007	1	1	1.0	5.2	mg/Kg	3135
Mercury	SW7471A	1/25/2007	0.1	1	0.10	ND	mg/Kg	3138
4,4'-DDD	SW8081A	1/26/2007	0.47	40	18.8	ND	µg/Kg	R11700
4,4'-DDE	SW8081A	1/26/2007	0.476	40	19.0	ND	µg/Kg	R11700
4,4'-DDT	SW8081A	1/26/2007	0.809	40	32.4	ND	µg/Kg	R11700
Aldrin	SW8081A	1/26/2007	0.44	40	17.6	ND	µg/Kg	R11700
alpha-BHC	SW8081A	1/26/2007	0.439	40	17.6	ND	µg/Kg	R11700
alpha-Chlordane	SW8081A	1/26/2007	0.358	40	14.3	ND	µg/Kg	R11700
beta-BHC	SW8081A	1/26/2007	0.364	40	14.6	ND	µg/Kg	R11700
Chlordane	SW8081A	1/26/2007	10	40	400	ND	µg/Kg	R11700
delta-BHC	SW8081A	1/26/2007	0.49	40	19.6	ND	µg/Kg	R11700
Dieldrin	SW8081A	1/26/2007	0.427	40	17.1	ND	µg/Kg	R11700
Endosulfan I	SW8081A	1/26/2007	0.59	40	23.6	ND	µg/Kg	R11700
Endosulfan II	SW8081A	1/26/2007	1.526	40	61.0	ND	µg/Kg	R11700
Endosulfan sulfate	SW8081A	1/26/2007	0.489	40	19.6	ND	µg/Kg	R11700
Endrin	SW8081A	1/26/2007	0.569	40	22.8	ND	µg/Kg	R11700
Endrin aldehyde	SW8081A	1/26/2007	1.028	40	41.1	ND	µg/Kg	R11700
Endrin ketone	SW8081A	1/26/2007	0.401	40	16.0	ND	µg/Kg	R11700
gamma-BHC	SW8081A	1/26/2007	0.396	40	15.8	ND	µg/Kg	R11700
gamma-Chlordane	SW8081A	1/26/2007	0.42	40	16.8	ND	µg/Kg	R11700
Heptachlor	SW8081A	1/26/2007	1.1	40	44.0	ND	µg/Kg	R11700
Heptachlor epoxide	SW8081A	1/26/2007	0.316	40	12.6	ND	µg/Kg	R11700
Methoxychlor	SW8081A	1/26/2007	0.616	40	24.6	ND	µg/Kg	R11700
Toxaphene	SW8081A	1/26/2007	10	40	400	ND	µg/Kg	R11700
Surr: Decachlorobiphenyl	SW8081A	1/26/2007		40	54.6-127	D	%REC	R11700
Surr: Tetrachloro-m-xylene	SW8081A	1/26/2007		40	54-122	85.9	%REC	R11700

Note: Surrogate recovery of DCBP is bias high; recovery of second surrogate supports data quality. Reporting limits increased due to matrix interference. Reported to the MDL

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/26/2007

Client Sample ID: SS-4  
Sample Location: Madera-Herman Parcels, CA  
Sample Matrix: SOIL  
Date/Time Sampled: 1/19/2007 3:32:00 PM

Lab Sample ID: 0701113-018  
Date Prepared: 1/23/2007-1/24/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	2.4	mg/Kg	3135
Lead	SW6010B	1/24/2007	1	1	1.0	11	mg/Kg	3135
Mercury	SW7471A	1/25/2007	0.1	1	0.10	ND	mg/Kg	3138
4,4'-DDD	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
4,4'-DDE	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
4,4'-DDT	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Aldrin	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
alpha-BHC	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
alpha-Chlordane	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
beta-BHC	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Chlordane	SW8081A	1/25/2007	20	4	80.0	ND	µg/Kg	R11700
delta-BHC	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Dieldrin	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endosulfan I	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endosulfan II	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endosulfan sulfate	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endrin	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endrin aldehyde	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endrin ketone	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
gamma-BHC	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
gamma-Chlordane	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Heptachlor	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Heptachlor epoxide	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Methoxychlor	SW8081A	1/25/2007	5	4	20.0	ND	µg/Kg	R11700
Toxaphene	SW8081A	1/25/2007	100	4	400	ND	µg/Kg	R11700
Surr: Decachlorobiphenyl	SW8081A	1/25/2007	0	4	54.6-127	108	%REC	R11700
Surr: Tetrachloro-m-xylene	SW8081A	1/25/2007	0	4	54-122	130	%REC	R11700

Note: Surrogate recovery of TCMX is bias high; recovery of second surrogate supports data quality. Reporting limits increased due to matrix interference.

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007  
Date Reported: 1/26/2007

Client Sample ID: SS-5  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 3:34:00 PM

Lab Sample ID: 0701113-019  
Date Prepared: 1/23/2007-1/24/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	ND	mg/Kg	3135
Lead	SW6010B	1/24/2007	1	1	1.0	7.0	mg/Kg	3135
Mercury	SW7471A	1/25/2007	0.1	1	0.10	ND	mg/Kg	3138
4,4'-DDD	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
4,4'-DDE	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
4,4'-DDT	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Aldrin	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
alpha-BHC	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
alpha-Chlordane	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
beta-BHC	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Chlordane	SW8081A	1/25/2007	20	4	80.0	ND	µg/Kg	R11700
delta-BHC	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Dieldrin	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endosulfan I	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endosulfan II	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endosulfan sulfate	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endrin	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endrin aldehyde	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endrin ketone	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
gamma-BHC	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
gamma-Chlordane	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Heptachlor	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Heptachlor epoxide	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Methoxychlor	SW8081A	1/25/2007	5	4	20.0	ND	µg/Kg	R11700
Toxaphene	SW8081A	1/25/2007	100	4	400	ND	µg/Kg	R11700
Surr: Decachlorobiphenyl	SW8081A	1/25/2007	0	4	54.6-127	98.6	%REC	R11700
Surr: Tetrachloro-m-xylene	SW8081A	1/25/2007	0	4	54-122	87.1	%REC	R11700

Note: Reporting limits increased due to the nature of the sample matrix (dark color extract).

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007

Date Reported: 1/26/2007

Client Sample ID: SS-7  
Sample Location: Madera-Herman Parcels,CA  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 3:58:00 PM

Lab Sample ID: 0701113-021  
Date Prepared: 1/23/2007-1/25/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/25/2007	100	1	100	ND	µg/Kg	R11707
Surr: 4-Bromofluorobenzene	GC-MS	1/25/2007	0	1	57-127	71.6	%REC	R11707
Arsenic	SW6010B	1/24/2007	1.7	1	1.7	2.3	mg/Kg	3135
Lead	SW6010B	1/24/2007	1	1	1.0	5.4	mg/Kg	3135
Mercury	SW7471A	1/25/2007	0.1	1	0.10	ND	mg/Kg	3138
TPH (Diesel)	SW8015B	1/24/2007	2	3	6.00	16 x	mg/Kg	R11703
TPH (Motor Oil)	SW8015B	1/24/2007	4	3	12.0	217 x	mg/Kg	R11703
Surr: Pentacosane	SW8015B	1/24/2007	0	3	53.5-127	67.2	%REC	R11703

Note:x- Sample chromatogram does not resemble typical diesel or motor oil pattern. Diesel result is carry over from TPH Oil quantitation range (closest pattern match is transformer oil). Hydrocarbons within the diesel range quantitated as diesel.

4,4'-DDD	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
4,4'-DDE	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
4,4'-DDT	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Aldrin	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
alpha-BHC	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
alpha-Chlordane	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
beta-BHC	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Chlordane	SW8081A	1/25/2007	20	4	80.0	ND	µg/Kg	R11700
delta-BHC	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Dieldrin	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endosulfan I	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endosulfan II	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endosulfan sulfate	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endrin	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endrin aldehyde	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Endrin ketone	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
gamma-BHC	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
gamma-Chlordane	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Heptachlor	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Heptachlor epoxide	SW8081A	1/25/2007	2	4	8.00	ND	µg/Kg	R11700
Methoxychlor	SW8081A	1/25/2007	5	4	20.0	ND	µg/Kg	R11700
Toxaphene	SW8081A	1/25/2007	100	4	400	ND	µg/Kg	R11700
Surr: Decachlorobiphenyl	SW8081A	1/25/2007	0	4	54.6-127	103	%REC	R11700
Surr: Tetrachloro-m-xylene	SW8081A	1/25/2007	0	4	54-122	118	%REC	R11700

Note: Reporting limits increased due to the nature of the sample matrix (dark color extract).

Report prepared for: Tom McCloskey  
SES

Date Received: 1/19/2007

Date Reported: 1/26/2007

Benzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Ethylbenzene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Methyl tert-butyl ether (MTBE)	SW8260B	1/25/2007	10	1	10	ND	µg/Kg	VOC11707
Toluene	SW8260B	1/25/2007	5	1	5.0	ND	µg/Kg	VOC11707
Xylenes, Total	SW8260B	1/25/2007	15	1	15	ND	µg/Kg	VOC11707
Surr: 4-Bromofluorobenzene	SW8260B	1/25/2007	0	1	62.8-123	118	%REC	VOC11707
Surr: Dibromofluoromethane	SW8260B	1/25/2007	0	1	63.3-151	100	%REC	VOC11707
Surr: Toluene-d8	SW8260B	1/25/2007	0	1	60.8-124	92.0	%REC	VOC11707

**Definitions, legends and Notes**

<b>Note</b>	<b>Description</b>
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #





CLIENT: SES  
 Work Order: 0701113  
 Project:

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 3135

Sample ID: <b>MB-3135</b>	SampType: <b>MBLK</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11706</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3135</b>	TestNo: <b>SW6010B</b>	<b>(SW3050B)</b>	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173503</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	5.0									
Arsenic	ND	1.7									
Barium	ND	5.0									
Beryllium	ND	2.0									
Cadmium	ND	1.0									
Chromium	ND	5.0									
Cobalt	ND	5.0									
Copper	ND	5.0									
Lead	ND	1.0									
Molybdenum	ND	5.0									
Nickel	ND	5.0									
Selenium	ND	5.0									
Silver	ND	1.0									
Thallium	ND	5.0									
Vanadium	ND	5.0									
Zinc	ND	5.0									

Sample ID: <b>LCS-3135</b>	SampType: <b>LCS</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11706</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3135</b>	TestNo: <b>SW6010B</b>	<b>(SW3050B)</b>	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173501</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	48.05	5.0	50	0	96.1	67.6	140				
Arsenic	48.95	1.7	50	0	97.9	73.9	135				
Barium	50.95	5.0	50	0	102	70.2	130				
Beryllium	48.75	2.0	50	0	97.5	73.4	113				
Cadmium	49.30	1.0	50	0	98.6	82.4	125				
Chromium	51.40	5.0	50	0	103	68.1	122				
Cobalt	50.25	5.0	50	0	101	73.7	120				
Copper	56.50	5.0	50	0	113	82.1	118				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701113  
 Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: 3135

Sample ID: <b>LCS-3135</b>	SampType: <b>LCS</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11706</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3135</b>	TestNo: <b>SW6010B</b>	<b>(SW3050B)</b>	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173501</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	47.80	1.0	50	0	95.6	67.9	118				
Molybdenum	49.05	5.0	50	0	98.1	87.3	122				
Nickel	49.95	5.0	50	0	99.9	69.2	126				
Selenium	43.55	5.0	50	0	87.1	75	125				
Silver	50.70	1.0	50	0	101	65.4	118				
Thallium	46.45	5.0	50	0	92.9	75	125				
Vanadium	51.60	5.0	50	0	103	83.2	112				
Zinc	49.10	5.0	50	0	98.2	72.6	123				

Sample ID: <b>LCSD-3135</b>	SampType: <b>LCSD</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11706</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3135</b>	TestNo: <b>SW6010B</b>	<b>(SW3050B)</b>	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173502</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	48.55	5.0	50	0	97.1	67.6	140	48.05	1.04	30	
Arsenic	49.55	1.7	50	0	99.1	73.9	135	48.95	1.22	30	
Barium	52.95	5.0	50	0	106	70.2	130	50.95	3.85	30	
Beryllium	49.55	2.0	50	0	99.1	73.4	113	48.75	1.63	30	
Cadmium	51.45	1.0	50	0	103	82.4	125	49.3	4.27	30	
Chromium	53.15	5.0	50	0	106	68.1	122	51.4	3.35	30	
Cobalt	52.00	5.0	50	0	104	73.7	120	50.25	3.42	30	
Copper	58.45	5.0	50	0	117	82.1	118	56.5	3.39	30	
Lead	48.75	1.0	50	0	97.5	67.9	118	47.8	1.97	30	
Molybdenum	50.05	5.0	50	0	100	87.3	122	49.05	2.02	30	
Nickel	51.90	5.0	50	0	104	69.2	126	49.95	3.83	30	
Selenium	44.50	5.0	50	0	89.0	75	125	43.55	2.16	30	
Silver	52.85	1.0	50	0	106	65.4	118	50.7	4.15	30	
Thallium	48.15	5.0	50	0	96.3	75	125	46.45	3.59	30	
Vanadium	53.65	5.0	50	0	107	83.2	112	51.6	3.90	30	
Zinc	50.50	5.0	50	0	101	72.6	123	49.1	2.81	30	

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701113  
 Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: 3135

Sample ID: 0701112-005AMS		SampType: MS		TestCode: 6010B_S		Units: mg/Kg		Prep Date: 1/23/2007		RunNo: 11706		
Client ID: ZZZZZ		Batch ID: 3135		TestNo: SW6010B		(SW3050B)		Analysis Date: 1/24/2007		SeqNo: 173482		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Antimony	26.45	5.0	50	0	52.9	56.8	101				S	
Arsenic	48.65	1.7	50	2.15	93.0	75.9	107					
Barium	97.05	5.0	50	163.1	-132	56.2	127				S	
Beryllium	43.80	2.0	50	0	87.6	76.6	106					
Cadmium	47.80	1.0	50	0	95.6	80.6	106					
Chromium	54.45	5.0	50	9.75	89.4	61.5	129					
Cobalt	51.65	5.0	50	8.25	86.8	69.3	106					
Copper	76.25	5.0	50	41.9	68.7	60.2	128					
Lead	49.80	1.0	50	5.95	87.7	60.5	113					
Molybdenum	44.85	5.0	50	0.25	89.2	71	103					
Nickel	50.85	5.0	50	8.6	84.5	61.7	124					
Selenium	41.05	5.0	50	0	82.1	73.3	103					
Silver	46.70	1.0	50	0	93.4	82.4	105					
Thallium	38.85	5.0	50	0	77.7	63.2	99.1					
Vanadium	69.30	5.0	50	28.35	81.9	60.6	123					
Zinc	70.00	5.0	50	27.75	84.5	62.6	123					

Sample ID: 0701112-005AMSD		SampType: MSD		TestCode: 6010B_S		Units: mg/Kg		Prep Date: 1/23/2007		RunNo: 11706		
Client ID: ZZZZZ		Batch ID: 3135		TestNo: SW6010B		(SW3050B)		Analysis Date: 1/24/2007		SeqNo: 173483		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Antimony	25.65	5.0	50	0	51.3	56.8	101	26.45	3.07	30	S	
Arsenic	47.95	1.7	50	2.15	91.6	75.9	107	48.65	1.45	30		
Barium	114.2	5.0	50	163.1	-97.9	56.2	127	97.05	16.2	30	S	
Beryllium	44.15	2.0	50	0	88.3	76.6	106	43.8	0.796	30		
Cadmium	49.45	1.0	50	0	98.9	80.6	106	47.8	3.39	30		
Chromium	55.15	5.0	50	9.75	90.8	61.5	129	54.45	1.28	30		
Cobalt	51.65	5.0	50	8.25	86.8	69.3	106	51.65	0	30		
Copper	79.00	5.0	50	41.9	74.2	60.2	128	76.25	3.54	30		
Lead	49.60	1.0	50	5.95	87.3	60.5	113	49.8	0.402	30		
Molybdenum	44.75	5.0	50	0.25	89.0	71	103	44.85	0.223	30		

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

**CLIENT:** SES  
**Work Order:** 0701113  
**Project:**

## ANALYTICAL QC SUMMARY REPORT

**BatchID: 3135**

Sample ID: <b>0701112-005AMSD</b>		SampType: <b>MSD</b>		TestCode: <b>6010B_S</b>		Units: <b>mg/Kg</b>		Prep Date: <b>1/23/2007</b>		RunNo: <b>11706</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>3135</b>		TestNo: <b>SW6010B</b>		<b>(SW3050B)</b>		Analysis Date: <b>1/24/2007</b>		SeqNo: <b>173483</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	50.90	5.0	50	8.6	84.6	61.7	124	50.85	0.0983	30	
Selenium	40.30	5.0	50	0	80.6	73.3	103	41.05	1.84	30	
Silver	47.50	1.0	50	0	95.0	82.4	105	46.7	1.70	30	
Thallium	40.20	5.0	50	0	80.4	63.2	99.1	38.85	3.42	30	
Vanadium	74.75	5.0	50	28.35	92.8	60.6	123	69.3	7.57	30	
Zinc	73.70	5.0	50	27.75	91.9	62.6	123	70	5.15	30	

<b>Qualifiers:</b> E Value above quantitation range ND Not Detected at the Reporting Limit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	J Analyte detected below quantitation limits S Spike Recovery outside accepted recovery limits
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CLIENT: SES  
 Work Order: 0701113

## ANALYTICAL QC SUMMARY REPORT

Project:

BatchID: 3138

Sample ID: <b>MB-3138</b>	SampType: <b>MBLK</b>	TestCode: <b>HG_CTS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11725</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3138</b>	TestNo: <b>SW7471A</b>	<b>(SW7471APR</b>	Analysis Date: <b>1/25/2007</b>	SeqNo: <b>173871</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury ND 0.10

Sample ID: <b>LCS-3138</b>	SampType: <b>LCS</b>	TestCode: <b>HG_CTS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11725</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3138</b>	TestNo: <b>SW7471A</b>	<b>(SW7471APR</b>	Analysis Date: <b>1/25/2007</b>	SeqNo: <b>173869</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 1.283 0.10 1.25 0 103 80.5 133

Sample ID: <b>LCSD-3138</b>	SampType: <b>LCSD</b>	TestCode: <b>HG_CTS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11725</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3138</b>	TestNo: <b>SW7471A</b>	<b>(SW7471APR</b>	Analysis Date: <b>1/25/2007</b>	SeqNo: <b>173870</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 1.258 0.10 1.25 0 101 80.5 133 1.283 1.97 30

Sample ID: <b>0701112-005AMS</b>	SampType: <b>MS</b>	TestCode: <b>HG_CTS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11725</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3138</b>	TestNo: <b>SW7471A</b>	<b>(SW7471APR</b>	Analysis Date: <b>1/25/2007</b>	SeqNo: <b>173853</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 1.267 0.10 1.25 0.05833 96.7 80.5 133

Sample ID: <b>0701112-005AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>HG_CTS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11725</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3138</b>	TestNo: <b>SW7471A</b>	<b>(SW7471APR</b>	Analysis Date: <b>1/25/2007</b>	SeqNo: <b>173854</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 1.275 0.10 1.25 0.05833 97.3 80.5 133 1.267 0.656 30

**Qualifiers:** E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701113  
 Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: R11700

Sample ID: SP070124A-MB	SampType: MBLK	TestCode: 8081S	Units: µg/Kg	Prep Date: 1/24/2007	RunNo: 11700						
Client ID: ZZZZZ	Batch ID: R11700	TestNo: SW8081A		Analysis Date: 1/24/2007	SeqNo: 173415						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	2.00									
4,4'-DDE	ND	2.00									
4,4'-DDT	ND	2.00									
Aldrin	ND	2.00									
alpha-BHC	ND	2.00									
alpha-Chlordane	ND	2.00									
beta-BHC	ND	2.00									
Chlordane	ND	20.0									
delta-BHC	ND	2.00									
Dieldrin	ND	2.00									
Endosulfan I	ND	2.00									
Endosulfan II	ND	2.00									
Endosulfan sulfate	ND	2.00									
Endrin	ND	2.00									
Endrin aldehyde	ND	2.00									
Endrin ketone	ND	2.00									
gamma-BHC	ND	2.00									
gamma-Chlordane	ND	2.00									
Heptachlor	ND	2.00									
Heptachlor epoxide	ND	2.00									
Methoxychlor	ND	5.00									
Toxaphene	ND	100									
Surr: Decachlorobiphenyl	39.84	0	50	0	79.7	57	126				
Surr: Tetrachloro-m-xylene	44.38	0	50	0	88.8	55.7	122				

Sample ID: SP070124A-LCS	SampType: LCS	TestCode: 8081S	Units: µg/Kg	Prep Date: 1/24/2007	RunNo: 11700						
Client ID: ZZZZZ	Batch ID: R11700	TestNo: SW8081A		Analysis Date: 1/24/2007	SeqNo: 173406						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	25.87	2.00	20	0	129	53.6	136				
Aldrin	18.73	2.00	20	0	93.7	52.8	128				

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701113  
 Project:

**ANALYTICAL QC SUMMARY REPORT**

BatchID: R11700

Sample ID: SP070124A-LCS	SampType: LCS	TestCode: 8081S	Units: µg/Kg	Prep Date: 1/24/2007	RunNo: 11700						
Client ID: ZZZZZ	Batch ID: R11700	TestNo: SW8081A		Analysis Date: 1/24/2007	SeqNo: 173406						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	23.58	2.00	20	0	118	56.8	134				
Endrin	23.41	2.00	20	0	117	54.2	131				
gamma-BHC	19.66	2.00	20	0	98.3	49.8	131				
Heptachlor	23.12	2.00	20	0	116	50.9	130				
Surr: Decachlorobiphenyl	72.14	0	70	0	103	57	126				
Surr: Tetrachloro-m-xylene	65.98	0	70	0	94.3	55.7	122				

Sample ID: SP070124A-LCSD	SampType: LCSD	TestCode: 8081S	Units: µg/Kg	Prep Date: 1/24/2007	RunNo: 11700						
Client ID: ZZZZZ	Batch ID: R11700	TestNo: SW8081A		Analysis Date: 1/24/2007	SeqNo: 173506						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	22.84	2.00	20	0	114	53.6	136	25.87	12.5	30	
Aldrin	18.14	2.00	20	0	90.7	52.8	128	18.73	3.24	30	
Dieldrin	22.10	2.00	20	0	111	56.8	134	23.58	6.46	30	
Endrin	23.31	2.00	20	0	117	54.2	131	23.41	0.420	30	
gamma-BHC	19.49	2.00	20	0	97.5	49.8	131	19.66	0.862	30	
Heptachlor	22.19	2.00	20	0	111	50.9	130	23.12	4.11	30	
Surr: Decachlorobiphenyl	69.98	0	70	0	100	57	126	0	0	0	
Surr: Tetrachloro-m-xylene	65.36	0	70	0	93.4	55.7	122	0	0	0	

Qualifiers: E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701113  
 Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: R11703

Sample ID: <b>SD070123A-MB</b>	SampType: <b>MBLK</b>	TestCode: <b>TPHDO_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11703</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11703</b>	TestNo: <b>SW8015B</b>		Analysis Date: <b>1/23/2007</b>	SeqNo: <b>173419</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	ND	2.00									
TPH (Motor Oil)	ND	4.00									
Surr: Pentacosane	2.430	0	3.3	0	73.6	53.5	127				

Sample ID: <b>SD070123A-LCS</b>	SampType: <b>LCS</b>	TestCode: <b>TPHDO_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11703</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11703</b>	TestNo: <b>SW8015B</b>		Analysis Date: <b>1/23/2007</b>	SeqNo: <b>173420</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	25.49	2.00	33.33	0	76.5	46.2	109				
Surr: Pentacosane	2.408	0	3.3	0	73.0	53.5	127				

Sample ID: <b>SD070123A-LCSD</b>	SampType: <b>LCSD</b>	TestCode: <b>TPHDO_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11703</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11703</b>	TestNo: <b>SW8015B</b>		Analysis Date: <b>1/23/2007</b>	SeqNo: <b>173421</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	25.55	2.00	33.33	0	76.7	46.2	109	25.49	0.251	30	
Surr: Pentacosane	2.303	0	3.3	0	69.8	53.5	127	0	0	0	

Sample ID: <b>0701116-001A MS</b>	SampType: <b>MS</b>	TestCode: <b>TPHDO_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11703</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11703</b>	TestNo: <b>SW8015B</b>		Analysis Date: <b>1/23/2007</b>	SeqNo: <b>173424</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	25.00	2.00	33.33	0	75.0	46.2	109				
Surr: Pentacosane	2.447	0	3.3	0	74.2	53.5	127				

Sample ID: <b>0701116-001A MSD</b>	SampType: <b>MSD</b>	TestCode: <b>TPHDO_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/23/2007</b>	RunNo: <b>11703</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11703</b>	TestNo: <b>SW8015B</b>		Analysis Date: <b>1/23/2007</b>	SeqNo: <b>173425</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	22.40	2.00	33.33	0	67.2	46.2	109	25	10.9	30	

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits



CLIENT: SES  
Work Order: 0701113  
Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: R11703

Sample ID: 0701116-001A MSD	SampType: MSD	TestCode: TPHDO_S	Units: mg/Kg	Prep Date: 1/23/2007	RunNo: 11703						
Client ID: ZZZZZ	Batch ID: R11703	TestNo: SW8015B		Analysis Date: 1/23/2007	SeqNo: 173425						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Pentacosane	2.303	0	3.3	0	69.8	53.5	127	0	0	0	

Qualifiers: E Value above quantitation range  
ND Not Detected at the Reporting Limit  
H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701113  
 Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: R11707

Sample ID: <b>MB</b>	SampType: <b>MBLK</b>	TestCode: <b>8010_S BY 8</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11707</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173741</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	10.0									
1,1,2,2-Tetrachloroethane	ND	10.0									
1,1,2-Trichloroethane	ND	10.0									
1,1-Dichloroethane	ND	10.0									
1,1-Dichloroethene	ND	10.0									
1,1-Dichloropropene	ND	10.0									
1,2-Dichlorobenzene	ND	10.0									
1,2-Dichloroethane (EDC)	ND	10.0									
1,2-Dichloropropane	ND	10.0									
1,3-Dichlorobenzene	ND	10.0									
1,4-Dichlorobenzene	ND	10.0									
2-Chloroethyl vinyl ether	ND	10.0									
Bromodichloromethane	ND	10.0									
Bromoform	ND	10.0									
Bromomethane	ND	10.0									
Carbon tetrachloride	ND	10.0									
Chlorobenzene	ND	10.0									
Chloroethane	ND	10.0									
Chloroform	ND	10.0									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	10.0									
cis-1,3-Dichloropropene	ND	10.0									
Dibromochloromethane	ND	10.0									
Dichlorodifluoromethane	ND	10.0									
Freon-113	ND	10.0									
Methylene chloride	ND	50.0									
Tetrachloroethene	ND	10.0									
trans-1,2-Dichloroethene	ND	10.0									
trans-1,3-Dichloropropene	ND	10.0									
Trichloroethene	ND	10.0									
Trichlorofluoromethane	ND	10.0									

<b>Qualifiers:</b>	E Value above quantitation range ND Not Detected at the Reporting Limit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	J Analyte detected below quantitation limits S Spike Recovery outside accepted recovery limits
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CLIENT: SES  
 Work Order: 0701113

## ANALYTICAL QC SUMMARY REPORT

Project:

BatchID: R11707

Sample ID: <b>MB</b>	SampType: <b>MBLK</b>	TestCode: <b>8010_S BY 8</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11707</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173741</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	10.0									
Surr: 4-Bromofluorobenzene	53.42	0	50	0	107	62.8	123				
Surr: Dibromofluoromethane	58.61	0	50	0	117	63.3	151				
Surr: Toluene-d8	43.62	0	50	0	87.2	60.8	124				

Sample ID: <b>LCS</b>	SampType: <b>LCS</b>	TestCode: <b>8010_S BY 8</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11707</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173753</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	44.59	10.0	50	0	89.2	64.5	128				
Chlorobenzene	43.74	10.0	50	0	87.5	68.4	126				
Trichloroethene	50.31	10.0	50	0	101	63	119				
Surr: 4-Bromofluorobenzene	48.80	0	50	0	97.6	62.8	123				
Surr: Dibromofluoromethane	43.41	0	50	0	86.8	63.3	151				
Surr: Toluene-d8	50.79	0	50	0	102	60.8	124				

Sample ID: <b>LCSD</b>	SampType: <b>LCSD</b>	TestCode: <b>8010_S BY 8</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11707</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173779</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	48.82	10.0	50	0	97.6	64.5	128	44.59	9.06	30	
Chlorobenzene	57.71	10.0	50	0	115	68.4	126	43.74	27.5	30	
Trichloroethene	52.39	10.0	50	0	105	63	119	50.31	4.05	30	
Surr: 4-Bromofluorobenzene	54.97	0	50	0	110	62.8	123	0	0	0	
Surr: Dibromofluoromethane	57.04	0	50	0	114	63.3	151	0	0	0	
Surr: Toluene-d8	42.74	0	50	0	85.5	60.8	124	0	0	0	

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701113  
 Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: R11707

Sample ID: <b>MB-G</b>	SampType: <b>MBLK</b>	TestCode: <b>TPH_GAS_S_</b> Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11707</b>	TestNo: <b>GC-MS</b>	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173507</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Gasoline)	ND	100									
Surr: 4-Bromofluorobenzene	48.36	0	50	0	96.7	57	127				

Sample ID: <b>LCS-G</b>	SampType: <b>LCS</b>	TestCode: <b>TPH_GAS_S_</b> Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11707</b>	TestNo: <b>GC-MS</b>	Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173508</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Gasoline)	939.4	100	1000	0	93.9	48.2	132				
Surr: 4-Bromofluorobenzene	49.85	0	50	0	99.7	57	127				

Sample ID: <b>LCSD-G</b>	SampType: <b>LCSD</b>	TestCode: <b>TPH_GAS_S_</b> Units: <b>µg/Kg</b>	Prep Date: <b>1/25/2007</b>	RunNo: <b>11707</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11707</b>	TestNo: <b>GC-MS</b>	Analysis Date: <b>1/25/2007</b>	SeqNo: <b>173509</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Gasoline)	937.4	100	1000	0	93.7	48.2	132	939.4	0.210	30	
Surr: 4-Bromofluorobenzene	49.50	0	50	0	99.0	57	127	0	0	0	

<b>Qualifiers:</b> E Value above quantitation range ND Not Detected at the Reporting Limit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	J Analyte detected below quantitation limits S Spike Recovery outside accepted recovery limits
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CLIENT: SES  
 Work Order: 0701113  
 Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: VOC11707

Sample ID: <b>MB</b>	SampType: <b>MBLK</b>	TestCode: <b>8260B_S</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>						
Client ID: <b>ZZZZ</b>	Batch ID: <b>VOC11707</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173551</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	ND	10									
1,1,2,2-Tetrachloroethane	ND	10									
1,1,2-Trichloroethane	ND	10									
1,1-Dichloroethane	ND	10									
1,1-Dichloroethene	ND	10									
1,1-Dichloropropene	ND	10									
1,2-Dichlorobenzene	ND	10									
1,2-Dichloropropane	ND	10									
1,3-Dichlorobenzene	ND	10									
1,4-Dichlorobenzene	ND	10									
2-Chloroethyl vinyl ether	ND	10									
Benzene	ND	10									
Bromodichloromethane	ND	10									
Bromoform	ND	10									
Bromomethane	ND	10									
Carbon tetrachloride	ND	10									
Chlorobenzene	ND	10									
Chloroform	ND	10									
Chloromethane	ND	10									
cis-1,2-Dichloroethene	ND	10									
cis-1,3-Dichloropropene	ND	10									
Dibromochloromethane	ND	10									
Dichlorodifluoromethane	ND	10									
Ethylbenzene	ND	10									
Freon-113	ND	10									
Methyl tert-butyl ether (MTBE)	ND	10									
Methylene chloride	ND	50									
Tetrachloroethene	ND	10									
Toluene	ND	10									
trans-1,2-Dichloroethene	ND	10									
trans-1,3-Dichloropropene	ND	10									

<b>Qualifiers:</b>	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701113  
 Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: VOC11707

Sample ID: <b>MB</b>	SampType: <b>MBLK</b>	TestCode: <b>8260B_S</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>VOC11707</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173551</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	ND	10									
Trichlorofluoromethane	ND	10									
Vinyl chloride	ND	10									
Xylenes, Total	ND	20									
Surr: 4-Bromofluorobenzene	53.42	0	50	0	107	62.8	123				
Surr: Dibromofluoromethane	58.61	0	50	0	117	63.3	151				
Surr: Toluene-d8	43.62	0	50	0	87.2	60.8	124				

Sample ID: <b>LCS</b>	SampType: <b>LCS</b>	TestCode: <b>8260B_S</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>VOC11707</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173552</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	44.59	10	50	0	89.2	64.5	128				
Benzene	45.75	10	50	0	91.5	68.2	132				
Chlorobenzene	43.74	10	50	0	87.5	68.4	126				
Toluene	45.41	10	50	0	90.8	49.3	119				
Trichloroethene	50.31	10	50	0	101	63	119				
Surr: 4-Bromofluorobenzene	48.80	0	50	0	97.6	62.8	123				
Surr: Dibromofluoromethane	43.41	0	50	0	86.8	63.3	151				
Surr: Toluene-d8	50.79	0	50	0	102	60.8	124				

Sample ID: <b>LCSD</b>	SampType: <b>LCSD</b>	TestCode: <b>8260B_S</b>	Units: <b>µg/Kg</b>	Prep Date: <b>1/24/2007</b>	RunNo: <b>11707</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>VOC11707</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>1/24/2007</b>	SeqNo: <b>173553</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	48.82	10	50	0	97.6	64.5	128	44.59	9.06	30	
Benzene	53.06	10	50	0	106	68.2	132	45.75	14.8	30	
Chlorobenzene	57.71	10	50	0	115	68.4	126	43.74	27.5	30	
Toluene	47.79	10	50	0	95.6	49.3	119	45.41	5.11	30	
Trichloroethene	52.39	10	50	0	105	63	119	50.31	4.05	30	
Surr: 4-Bromofluorobenzene	54.97	0	50	0	110	62.8	123	0	0	0	

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit              R RPD outside accepted recovery limits              S Spike Recovery outside accepted recovery limits

CLIENT: SES  
 Work Order: 0701113  
 Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: VOC11707

Sample ID: LCSD	SampType: LCSD	TestCode: 8260B_S	Units: µg/Kg	Prep Date: 1/24/2007	RunNo: 11707						
Client ID: ZZZZ	Batch ID: VOC11707	TestNo: SW8260B		Analysis Date: 1/24/2007	SeqNo: 173553						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	57.04	0	50	0	114	63.3	151	0	0	0	
Surr: Toluene-d8	42.74	0	50	0	85.5	60.8	124	0	0	0	

Sample ID: 0701113-021A MS	SampType: MS	TestCode: 8260B_S_PE	Units: µg/Kg	Prep Date: 1/25/2007	RunNo: 11707						
Client ID: SS-7	Batch ID: VOC11707	TestNo: SW8260B		Analysis Date: 1/25/2007	SeqNo: 173566						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	48.39	5.0	50	0	96.8	68.2	132				
Toluene	59.53	5.0	50	0	119	64.2	137				
Surr: 4-Bromofluorobenzene	60.26	0	50	0	121	62.8	123				
Surr: Dibromofluoromethane	52.95	0	50	0	106	63.3	151				
Surr: Toluene-d8	43.82	0	50	0	87.6	60.8	124				

Sample ID: 0701113-021A MSD	SampType: MSD	TestCode: 8260B_S_PE	Units: µg/Kg	Prep Date: 1/25/2007	RunNo: 11707						
Client ID: SS-7	Batch ID: VOC11707	TestNo: SW8260B		Analysis Date: 1/25/2007	SeqNo: 173567						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	47.24	5.0	50	0	94.5	68.2	132	48.39	2.41	30	
Toluene	59.37	5.0	50	0	119	64.2	137	59.53	0.269	30	
Surr: 4-Bromofluorobenzene	58.20	0	50	0	116	62.8	123	0	0	0	
Surr: Dibromofluoromethane	52.98	0	50	0	106	63.3	151	0	0	0	
Surr: Toluene-d8	44.57	0	50	0	89.1	60.8	124	0	0	0	

**Qualifiers:** E Value above quantitation range      H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit              R RPD outside accepted recovery limits              S Spike Recovery outside accepted recovery limits







# TORRENT LABORATORY, INC.

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[www.torrentlab.com](http://www.torrentlab.com)

February 22, 2007

Tom McCloskey  
SES  
110 11th Street  
Oakland, CA 94607  
TEL: (510) 451-2917  
FAX (510) 451-1150

RE:

Order No.: 0702139


Dear Tom McCloskey:

Torrent Laboratory, Inc. received 3 samples on 2/21/2007 for the analyses presented in the following report.


All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,

  
Laboratory Director

2/22/07  
Date

Patti Sandrock  
QA Officer 



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

[www.torrentlab.com](http://www.torrentlab.com)

**Torrent Laboratory, Inc.**

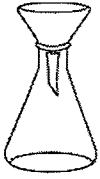
**Date:** 22-Feb-07

**CLIENT:** SES  
**Project:**  
**Lab Order:** 0702139

**CASE NARRATIVE**

---

Per client request, silica gel clean-up procedures were employed on all TPHD/Mo samples.



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293

Visit us at [www.torrentlab.com](http://www.torrentlab.com) email: [analysis@torrentlab.com](mailto:analysis@torrentlab.com)

Report prepared for: Tom McCloskey  
SES

Date Received: 2/21/2007  
Date Reported: 2/22/2007

Client Sample ID: SB-3 Surface  
Sample Location: Madera-Herman  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 12:25:00 PM

Lab Sample ID: 0702139-001  
Date Prepared: 2/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	2/22/2007	2	1	2.00	ND	mg/Kg	R11969
TPH (Motor Oil)	SW8015B	2/22/2007	4	1	4.00	13.6	mg/Kg	R11969
Surr: Pentacosane	SW8015B	2/22/2007	0	1	28-125	99.6	%REC	R11969

Client Sample ID: SB-3 5  
Sample Location: Madera-Herman  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 2:10:00 PM

Lab Sample ID: 0702139-002  
Date Prepared: 2/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	2/22/2007	2	1	2.00	ND	mg/Kg	R11969
TPH (Motor Oil)	SW8015B	2/22/2007	4	1	4.00	5.34	mg/Kg	R11969
Surr: Pentacosane	SW8015B	2/22/2007	0	1	28-125	85.2	%REC	R11969

Client Sample ID: SB-3 10  
Sample Location: Madera-Herman  
Sample Matrix: SOIL  
Date/Time Sampled 1/19/2007 2:15:00 PM

Lab Sample ID: 0702139-003  
Date Prepared: 2/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	2/22/2007	2	1	2.00	ND	mg/Kg	R11969
TPH (Motor Oil)	SW8015B	2/22/2007	4	1	4.00	ND	mg/Kg	R11969
Surr: Pentacosane	SW8015B	2/22/2007	0	1	28-125	87.5	%REC	R11969

**Definitions, legends and Notes**

Note	Description
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #

CLIENT: SES  
 Work Order: 0702139  
 Project:

**ANALYTICAL QC SUMMARY REPORT**

TestCode: TPHDOSG\_S

Sample ID: <b>SDSG070221-MB</b>	SampType: <b>MBLK</b>	TestCode: <b>TPHDOSG_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>2/21/2007</b>	RunNo: <b>11969</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11969</b>	TestNo: <b>SW8015B</b>		Analysis Date: <b>2/21/2007</b>	SeqNo: <b>177062</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Diesel)	ND	2.00									
TPH (Motor Oil)	ND	4.00									
Surr: Pentacosane	2.889	0	3.3	0	87.5	28	125				

Sample ID: <b>SDSG070221-LCS</b>	SampType: <b>LCS</b>	TestCode: <b>TPHDOSG_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>2/21/2007</b>	RunNo: <b>11969</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11969</b>	TestNo: <b>SW8015B</b>		Analysis Date: <b>2/22/2007</b>	SeqNo: <b>177063</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Diesel)	26.92	2.00	33.33	0.901	78.1	26.6	128				
Surr: Pentacosane	2.861	0	3.3	0	86.7	28	125				

Sample ID: <b>SDSG070221-LCSD</b>	SampType: <b>LCSD</b>	TestCode: <b>TPHDOSG_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>2/21/2007</b>	RunNo: <b>11969</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11969</b>	TestNo: <b>SW8015B</b>		Analysis Date: <b>2/22/2007</b>	SeqNo: <b>177064</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Diesel)	26.91	2.00	33.33	0.901	78.0	26.6	128	26.92	0.0446	30	
Surr: Pentacosane	2.844	0	3.3	0	86.2	28	125	0	0	0	

Sample ID: <b>0702139-001A MS</b>	SampType: <b>MS</b>	TestCode: <b>TPHDOSG_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>2/21/2007</b>	RunNo: <b>11969</b>						
Client ID: <b>SB-3 Surface</b>	Batch ID: <b>R11969</b>	TestNo: <b>SW8015B</b>		Analysis Date: <b>2/22/2007</b>	SeqNo: <b>177068</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Diesel)	23.87	2.00	33.33	0	71.6	26.6	128				
Surr: Pentacosane	2.887	0	3.3	0	87.5	28	125				

Qualifiers: 3 Recovery of the MS and/or MSD was out of control due t 4 The MS/MSD RPD was out of control due to matrix inter Q Spike recovery and RPD control limits do not apply result  
 R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

**CLIENT:** SES  
**Work Order:** 0702139  
**Project:**

## ANALYTICAL QC SUMMARY REPORT

**TestCode:** TPHDOSG\_S

Sample ID: <b>0702139-001A MSD</b>	SampType: <b>MSD</b>	TestCode: <b>TPHDOSG_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>2/21/2007</b>	RunNo: <b>11969</b>
Client ID: <b>SB-3 Surface</b>	Batch ID: <b>R11969</b>	TestNo: <b>SW8015B</b>		Analysis Date: <b>2/22/2007</b>	SeqNo: <b>177069</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	25.67	2.00	33.33	0	77.0	26.6	128	23.87	7.27	30	
Surr: Pentacosane	3.028	0	3.3	0	91.8	28	125	0	0	0	

**Qualifiers:** 3 Recovery of the MS and/or MSD was out of control due to matrix inter 4 The MS/MSD RPD was out of control due to matrix inter Q Spike recovery and RPD control limits do not apply result  
 R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits



483 Sinclair Frontage Road  
 Milpitas, CA 95035  
 Phone: 408.263.5258  
 FAX: 408.263.8293  
 www.torrentlab.com

# CHAIN OF CUSTODY

LAB WORK ORDER NO

0702139

NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY

Company Name: SES Location of Sampling: Madera-Herman Parcels, CA  
 Address: 110 11th Street Purpose:  
 City: Oakland State: CA Zip Code: Special Instructions / Comments: Additional request Samples OFF HOLD  
 Telephone: FAX:  
 REPORT TO: Tom McCloskey SAMPLER: P.O. #: EMAIL:

TURNAROUND TIME:

- 10 Work Days  3 Work Days  Noon - Nxt Day  
 7 Work Days  2 Work Days  2 - 8 Hours  
 5 Work Days  1 Work Day  Other

SAMPLE TYPE:

- Storm Water  Air  
 Waste Water  Other  
 Ground Water  
 Soil

REPORT FORMAT:

- QC Level IV  
 EDF  
 Excel / EDD

Silica gel  
TPHD/190

Original woff

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	REMARKS
	SB-3 Surface	1/19/07 12:25	Soil	1	Brown sleeve	X 0701113-013 001A
	SB-3 5	11 14:10	"	"	"	X 0701113-022 002A
	SB-3 10	11 14:15	"	"	"	X 0701113-023 003A
<div style="border: 2px solid black; padding: 5px; display: inline-block;"> <b>RUSH</b> 24 Hours         </div>						

TORRENT LAB

1 Relinquished By: <u>Tom McCloskey</u> Print: _____ Date: <u>2/21/07</u> Time: _____	Received By: <u>H. S. Baker</u> Print: _____ Date: <u>2/21/07</u> Time: _____
2 Relinquished By: _____ Print: _____ Date: _____ Time: _____	Received By: _____ Print: _____ Date: _____ Time: _____

Were Samples Received in Good Condition?  Yes  NO Samples on Ice?  Yes  NO Method of Shipment \_\_\_\_\_ Sample seals intact?  Yes  NO  N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Page \_\_\_\_\_ of \_\_\_\_\_

Log In By: WOL Date: 2/21 Log In Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_

# CHAIN OF CUSTODY RECORD

→ Pathi - Please run these 3 samples for  
 TPH<sub>d</sub> & TPH<sub>no</sub> - 24-hr rush!  
 Tom 070113

Project Name: <b>SES</b>			Turnaround Requirements			ANALYSES REQUESTED						
Job No.:			<input checked="" type="checkbox"/> 5 Working Days			TPH as gas/BTEX/MTBE Method: 8015/8021 80260 TPH as diesel (8015M) Add silica gel column. Add Oil Range TRPH (418.1) with silica gel column Halogenated VOCs (former 8010 list) Method: 8021 8260 8260 8260 Organochlorine Pesticides (8081) Metals: CAM 17 Perfluorinated - Arsenic, Pb, Hg PAH Dioxin						
Report To: <b>Tom McCloskey</b>			<input type="checkbox"/> 48 Hours									
Sampler (print): <b>Karel De Haan</b>			<input type="checkbox"/> 24 Hours									
Sampler (signature): <i>Karel De Haan</i>			<input type="checkbox"/> 2-3 Hours RUSH									
Electronic Deliverable Format Required: <input type="checkbox"/> YES <input type="checkbox"/> NO			QC Requirement: <input checked="" type="checkbox"/> Level A (standard)									
EDF LOGCODE: <input type="checkbox"/> LAMV <input type="checkbox"/> LAO <input type="checkbox"/> LAF												
Global ID #:												
Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	Remarks						
SB-2 18A	11/9/07	1335	011	Soil	1b/255	Hold						
SB-2 20A		1340	012			Hold						
SB-3 surface		1225	013			Hold						
-3 10		1410	014			Hold						
-3 15		1425	015			Hold						
SS-1		1508	016	Soil	1b/255	Hold						
SS-2		1509	017			Hold						
SS-3		1521	018			Hold						
SS-4		1532	019			Hold						
SS-5		1734	020			Hold						
SS-6		1507	021			Hold						
SS-7		1558	022			Hold						
Relinquished By: <i>Karel De Haan</i>			Date: 11/9/07	Time: 1000 AM	Received By: <i>[Signature]</i>			Date: 1/19	Time: 2:00	PM Initial: <i>[Signature]</i>		
Relinquished By: <i>Louise [Signature]</i>			Date:	Time:	Received By: <i>[Signature]</i>			Date: 1/19	Time: 1:00	Temp: <i>[Signature]</i>		
Relinquished By:			Date:	Time:	Lab of Record:							
			Date:	Time:	Received by Lab:			Date:	Time:			



# CHAIN OF CUSTODY RECORD

0701113

Project Name: <b>SES</b>			Turnaround Requirements			ANALYSES REQUESTED						
Job No.:			<input checked="" type="checkbox"/> <b>5 Working Days</b>			TPH as gas/BTEX/MTBE Method: <input checked="" type="checkbox"/> 8015/8021 <input type="checkbox"/> 8260 TPH as diesel (8015M) <input checked="" type="checkbox"/> LLO <input type="checkbox"/> add silica gel column <input type="checkbox"/> add Oil Range TRPH (418.1) with silica gel column Halogenated VOCs (former 8010 list) Method: <input type="checkbox"/> 8021 <input checked="" type="checkbox"/> 8260 <input type="checkbox"/> add BTEX Organochlorine Pesticides (8081) Metals: <b>CAM 17</b> Pesticides - Arsenic, Pb, Hg PAH Dioxin						
Report To: <b>Tom McCloskey</b>			<input type="checkbox"/> <b>48 Hours</b>									
Sampler (print): <b>Karel DeHorn</b>			<input type="checkbox"/> <b>24 Hours</b>									
Sampler (signature): <i>Karel DeHorn</i>			<input type="checkbox"/> <b>2-3 Hours RUSH</b>									
Electronic Deliverable Format Required: <input type="checkbox"/> YES <input type="checkbox"/> NO			<input checked="" type="checkbox"/> <b>QC Requirement:</b>									
EDF LOGCODE: <input type="checkbox"/> LAMV <input type="checkbox"/> LAO <input type="checkbox"/> LAF			<input checked="" type="checkbox"/> <b>Level A (standard)</b>									
Global ID #:												
Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.							Remarks
SB-2 18ft	11/19/07	1335	-011	Soil	1 brass	/						Hold
SB-2 20ft		1340	012									Hold
SB-3 surface		1225	013									Hold
<del>-3</del>	<del>10</del>	<del>1410</del>	<del>012</del>									Hold
<del>-3</del>	<del>15</del>	<del>1415</del>	<del>023</del>									Hold
<del>-3</del>	<del>15</del>	<del>1425</del>	<del>014</del>									Hold
SS-1		1508	015	Soil	1 brass							/
SS-2		1509	016									
SS-3		1521	017									
SS-4		1532	018									
SS-5		1734	019									
SS-6		1507	020			Hold						
SS-7		1558	021									
Relinquished By: <i>Karel DeHorn</i>			Date: 11/19/07	Time: 1000PM	Received By: <i>BIE</i>			Date: 1/19	Time: 2:00	PM Initial: <i>P</i>		
Relinquished By: <i>Lance (World Cam)</i>			Date:	Time:	Received By: <i>[Signature]</i>			Date: 1/19	Time: 1:10			
Relinquished By:			Date:	Time:	Lab of Record:			Temp:				
			Date:	Time:	Received by Lab:			Date:	Time:			



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Road, Milpitas, CA 95035  
Phone: 408.263.5258 • FAX: 408.263.8293  
www.torrentlab.com

→ Patti - Run the 3 samples circled below  
Tom

## CHAIN OF CUSTODY

LAB WORK ORDER NO

070113

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

Company Name: SES Location of Sampling: Maden - Term

Address: 11011th St Purpose:

City: Oakland State: Zip Code: Special Instructions / Comments:

Telephone: FAX: P.O. #: EMAIL:

REPORT TO: Tom McCluskey SAMPLER: R Dettl

TURNAROUND TIME:  10 Working Days  3 Working Days  2 - 8 Hours  7 Working Days  2 Working Days  Other  5 Working Days  24 Hours

SAMPLE TYPE:  Storm Water  Other  Waste Water  Ground Water  Soil

REPORT FORMAT:  QC Level II  EDF  Excel / EDD

ANALYSIS REQUESTED: TPH & BTEX / TPH & TPH + Silt

CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE	ANALYSIS REQUESTED	TORRENT'S SAMPLE I.D.
1. SB-A Well 4 surface	1/19/07 1120	Soil	1	Brass	TPH & BTEX / TPH & TPH + Silt	001
2. 5 FT	1035					002
3. 10 FT	1040					003
4. 15 FT	1046					004
5. SB-1 surface	1101					005
6. 5 FT	1220					006
7. 10 FT	1225					007
8. 15 FT	1230					008
9. SB-2 surface	1215					009
10. 7 FT	1330					10

1 Relinquished By: Karel Dettl Print: Karel Dettl Date: 1/19/07 Time: 1000AM Received By: [Signature] Print: [Signature] Date: Time:

2 Relinquished By: Print: Date: Time: Received By: [Signature] Print: [Signature] Date: 1-19-07 Time: 2:00 PM

Were Samples Received in Good Condition?  Yes  NO Samples on Ice?  Yes  NO Method of Shipment: [Signature] Sample seals intact?  Yes  NO

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. Page ( ) of ( )

Log In By: Date: Log In Reviewed By: Date:

**APPENDIX G**  
**TITLE REPORT**





CHICAGO TITLE COMPANY

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## PRELIMINARY REPORT

*In response to the application for a policy of title insurance referenced herein, **Chicago Title Company** hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception herein or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.*

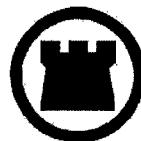
*The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said Policy or Policies are set forth in Attachment One. Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Attachment One. Copies of the Policy forms should be read. They are available from the office which issued this report.*

*This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.*

*The Policy(s) of title insurance to be issued hereunder will be policy(s) of Chicago Title Insurance Company, a Missouri corporation.*

***Please read the exceptions shown or referred to herein and the exceptions and exclusions set forth in Attachment One of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.***

***It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects and encumbrances affecting title to the land.***



**Chicago Title Company**

BY

*[Signature]* President

ATTEST

*[Signature]* Secretary





# Chicago Title Company

441 East Yosemite Avenue • Madera, CA 93639  
559 673-3551 • FAX 559 661-0159

## PRELIMINARY REPORT

Title Officer: Christine Upton  
Escrow Officer: Shanda Smith and Joanne Nash  
Escrow No.: 06-**50403678**-SS

Title No.: 06-**50403678**-CU  
Locate No.: CACTI7720-7720-4504-0050403678

TO: Wellington Corporation  
18640 Sutter Blvd Ste 100  
Morgan Hill, CA 95037

ATTN: Dianna Cordova

SHORT TERM RATE: Yes

**PROPERTY ADDRESS:** 031-221-001 and 031-222-001, Madera, California

**EFFECTIVE DATE: September 14, 2006, 07:30 A.M.**

The form of Policy or Policies of title insurance contemplated by this report is:

CLTA Standard Coverage Policy - 1990

1. THE ESTATE OR INTEREST IN THE LAND HEREINAFTER DESCRIBED OR REFERRED TO COVERED BY THIS REPORT IS:

A Fee

2. TITLE TO SAID ESTATE OR INTEREST AT THE DATE HEREOF IS VESTED IN:

**Kevin L. Herman and Diane P. Herman, husband and wife, as joint tenants**

3. THE LAND REFERRED TO IN THIS REPORT IS DESCRIBED AS FOLLOWS:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

JG\JG 10/02/2006

**LEGAL DESCRIPTION**

**EXHIBIT "A"**

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF MADERA, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

**PARCEL NO. 1: APN: 031-221-001**

All that portion of Section 6, Township 11 South, Range 18 East, Mount Diablo Base and Meridian, according to the official plat thereof, lying North and East of the Atchison Topeka and Santa Fe Railroad right-of-way.

EXCEPTING THEREFROM that portion granted to the County of Madera in Deed dated March 21, 1967 and recorded April 19, 1967 in Book 987 of Official Records of Madera County, at page 66, described as follows:

The West 58 feet of said Section 6 from the AT & SP Railroad right-of-way North 404.80 feet along the Section line, including access right; also, the West 40 feet of the North 971.90 feet of said Section 6.

ALSO EXCEPTING THEREFROM an undivided 25% interest in all oil, gas, minerals and other hydrocarbon substances in and under said lands, together with the right at all times to enter on the above-described lands to remove all oil, gas, minerals and other hydrocarbon substances as reserved by Haskell T. Buckley, a married man dealing with his separate property; Halliday T. Buckley, a married man dealing with his separate property; Haskell T. Buckley, trustee of the trust created by last will and testament of Bevley Buckley, deceased, for the benefit of Alice Lavern Hendrix and Haskell T. Buckley, trustee of the trust created by last will and testament of Bevley Buckley, deceased, for the benefit of Mildred A. Overstreet, all of which trust was incorporated in the Decree of Distribution had in the matter of the Estate of Bevley Buckley, deceased, a certified copy of which Decree was recorded May 25, 1976 in Book 1273 of Official Records of Madera County at pages 3 through 17, inclusive.

EXCEPTING THEREFROM all of the remaining oil, gas and minerals, of every kind and nature, if any there be, now or hereafter lying in and under, and that may be produced from, all of the above described real estate, together with the right to reduce the same to possession, rights of ingress and egress and all rights incident to the development, production, conservation and transportation thereof, forever, as reserved by John Hancock Life Insurance Company, a Massachusetts corporation, by Deed recorded February 14, 2002 as Document No. 2003006123, Official Records.

**PARCEL NO. 2: APN: 031-222-001**

All that portion of Section 5, Township 11 South, Range 18 East, Mount Diablo Base and Meridian, according to the official plat thereof, lying West of Raymond Road, being also known as Road 28 1/2.

EXCEPTING THEREFROM an undivided 25% interest in all oil, gas, minerals and other hydrocarbon substances in and under said lands, together with the right at all times to enter upon the above-described lands to remove all oil, gas, minerals and other hydrocarbon substances; as reserved by Haskell T. Buckley, a married man dealing with his separate property; Halliday T. Buckley, a married man dealing with his separate property; Haskell T. Buckley, trustee of the trust created by last will and testament of Bevley Buckley, deceased, for the benefit of Alice Lavern Hendrix and Haskell T.

Buckley, trustee of the trust created by last will and testament of Bevley Buckley, deceased, for the benefit of Mildred A. Overstreet, all of which trust was incorporated in the Decree of Distribution had in the matter of the Estate of Bevley Buckley, deceased, a certified copy of which Decree was recorded May 25, 1976 in Book 1273 of Official Records of Madera County at pages 3 through 17, inclusive.

EXCEPTING THEREFROM all of the remaining oil, gas and minerals, of every kind and nature, if any there be, now or hereafter lying in and under, and that may be produced from, all of the above described real estate, together with the right to reduce the same to possession, rights of ingress and egress and all rights incident to the development, production, conservation and transportation thereof, forever, as reserved by John Hancock Life Insurance Company, a Massachusetts corporation, by Deed recorded February 14, 2002 as Document No.



EXHIBIT "A" (continued)

Title No. 06-**50403678**-CU  
Locate No. CACTI7720-7720-4504-0050403678

2003006123, Official Records.

**AT THE DATE HEREOF, ITEMS TO BE CONSIDERED AND EXCEPTIONS TO COVERAGE IN ADDITION TO THE PRINTED EXCEPTIONS AND EXCLUSIONS IN SAID POLICY FORM WOULD BE AS FOLLOWS:**

1. **Property taxes**, which are a lien not yet due and payable, including any assessments collected with taxes to be levied for the fiscal year 2006-2007.
2. **The lien of supplemental taxes**, if any, assessed pursuant to the provisions of Chapter 3.5 (Commencing with Section 75) of the Revenue and Taxation code of the State of California.
3. **Easement(s)** for the purpose(s) shown below and rights incidental thereto as granted in a document.

Granted to: County of Madera  
Purpose: Road purposes  
Recorded: July 8, 1912, Book 59, Page 263, of Official Records  
Affects: Parcel 2

Reference is made to said document for full particulars.

4. **Rights of the public** as to any portion of the land lying within the area commonly known as Road 27 and Road 28 1/2.
5. **The fact** that there appears to be overhead powerlines located on Parcels 1 and 2
6. **Any discrepancies** in boundary or area or any rights which may arise or exist which are disclosed by a Map of Survey on said property.

Recorded: December 3, 1992 in Book 40 of Maps, Page 90 Madera County Records

7. **Covenants and restrictions** imposed by a Land Conservation Contract executed pursuant to Section 51200 et seq. California Government Code.

Dated: December 14, 1999  
Executed by: John Hancock Mutual Life Insurance Company and the County of Madera  
Recorded: December 21, 1999, Instrument No. 99034641, of Official Records

Said contract is subject to the following:

The effect of a document captioned "Owner's Notice of Nonrenewal of Land Conservation Contract"

Recorded: October 6, 2005, Instrument No. 2005048054, of Official Records

8. **A deed of trust** to secure an indebtedness in the amount shown below, and any other obligations secured thereby

Amount: \$2,120,000.00  
 Dated: February 5, 2003  
 Trustor: Kevin L. Herman and Diane P. Herman, husband and wife, as joint tenants  
 Trustee: Fresno-Madera Federal Land Bank Association, FLCA, a corporation  
 Beneficiary: Fresno-Madera Federal Land Bank Association, FLCA, a corporation  
 Loan No.: 6002863001  
 Recorded: February 14, 2003, Instrument No. 2003006123, of Official Records

9. **Matters** which may be disclosed by an inspection and/or by a correct ALTA/ACSM Land Title Survey of said land that is satisfactory to this Company, and/or by inquiry of the parties in possession thereof.
10. **Any easements** not disclosed by those public records which impart constructive notice as to matters affecting title to real property and which are not visible and apparent from an inspection of the surface of said land.
11. **Water rights, claims or title to water**, whether or not disclosed by the public records.
12. **Any rights of the parties in possession** of a portion of, or all of, said land, which rights are not disclosed by the public record.

This Company will require, for review, a full and complete copy of any unrecorded agreement, contract, license and/or lease, together with all supplements, assignments and amendments thereto, before issuing any policy of title insurance without excepting this item from coverage. The Company reserves the right to except additional items and/or make additional requirements after reviewing said documents.

#### END OF ITEMS

**Note 1.** The policy of title insurance will include an arbitration provision. The Company or the insured may demand arbitration. Arbitrable matters may include, but are not limited to, any controversy or claim between the Company and the insured arising out of or relating to this policy, any service of the Company in connection with its issuance or the breach of a policy provision or other obligation. Please ask your escrow or title officer for a sample copy of the policy to be issued if you wish to review the arbitration provisions and any other provisions pertaining to your Title Insurance coverage.

**Note 2.** There are NO deeds affecting said land, recorded within twenty-four (24) months of the date of this report.

**Note 3.** **Property taxes** for the fiscal year shown below are paid. For proration purposes the amounts are:

Fiscal year:	2005-2006
1st installment:	\$10,102.41
2nd installment:	\$10,102.41
Homeowners Exemption:	\$0.00
Land:	\$1,056,883.00
Improvements	
Structural:	\$136,488.00
Growing:	\$716,113.00
Fixed:	\$0.00
Personal Property:	\$10,758.00 (Manufactured Home)
Code Area:	061 004 Tax Rate 1.052202
Assessment No.:	031-221-001

1st installment:	\$5,105.64
2nd installment:	\$5,105.64
Homeowners Exemption:	\$0.00
Land:	\$679,346.00
Improvements	
Structural:	\$71,599.00
Growing:	\$219,523.00
Fixed:	\$0.00
Personal Property:	\$0.00

Code Area:	061 004 Tax Rate 1.052202
Assessment No.:	031-222-001

**Note 4.** The Requirement that the complete and correct name or names of proposed buyers herein, be submitted to the Title Department, at least 5 days prior to the close of escrow.

**Note 5.** ESCROW INFORMATION NOTE: Arb No. 031-221-01 and 031-222-01

**Note 6.** Wiring instructions for Chicago Title Company, Madera, CA, are as follows:

Receiving Bank:	Bank of America 275 Valencia Blvd, 2nd Floor Brea, CA 92823-6340
ABA Routing No.:	026009593
Credit Account Name:	Chicago Title Company - Madera 441 East Yosemite Avenue, Madera, CA 93639
Credit Account No.:	12355-73180
Escrow No.:	06- <b>50403678</b> -SS

These wiring instructions are for this specific transaction involving the Title Department of the Madera office of Chicago Title Company. These instructions therefore should not be used in other transactions without first verifying the information with our accounting department. It is imperative that the wire text be exactly as indicated. Any extraneous information may cause unnecessary delays in confirming the receipt of funds.

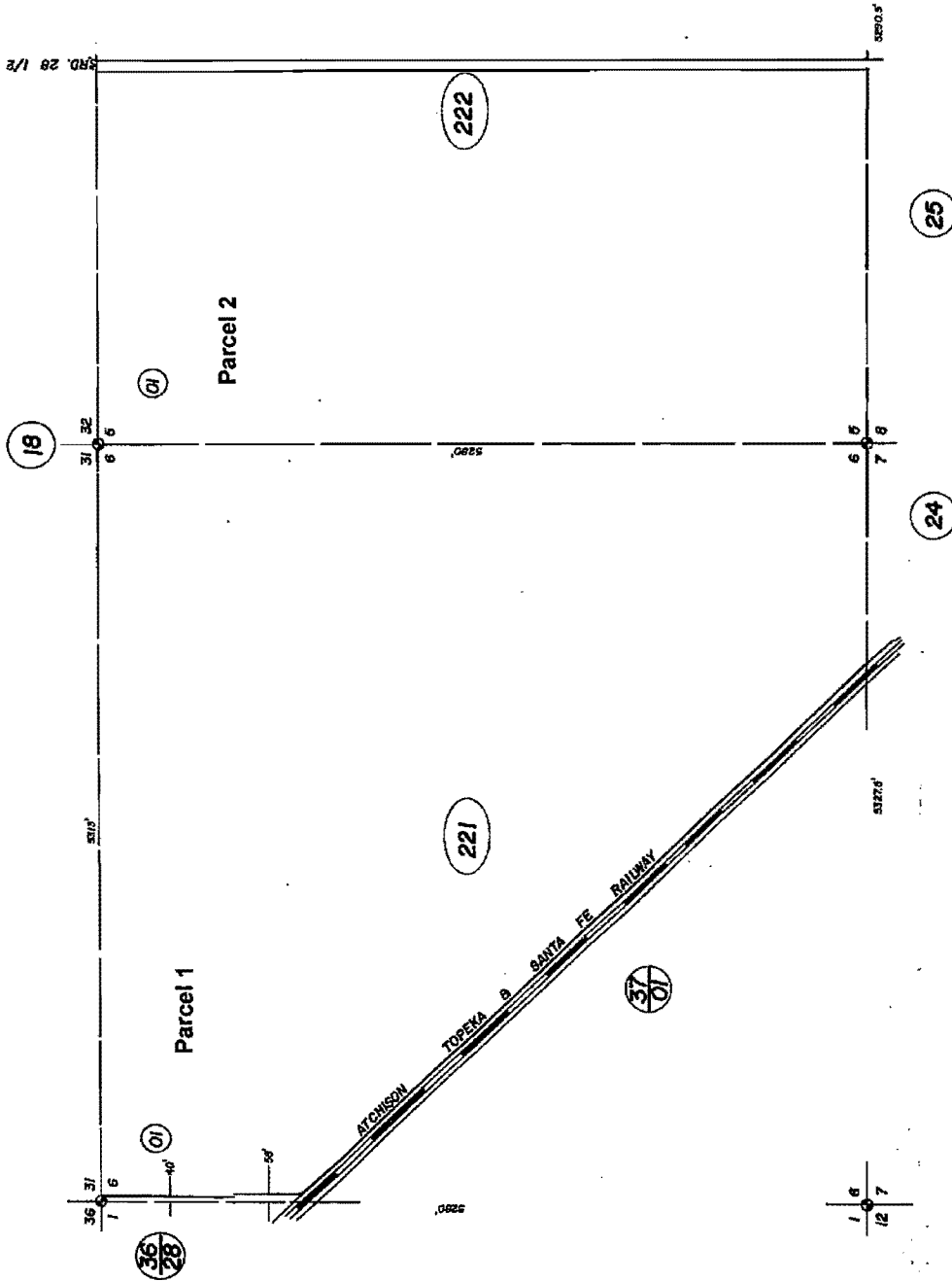
jg

**END OF NOTES**

SEC. 6 & 5, T. 11 S., R. 18 E.

31-22

Tax Area Code: 61-004



THIS PLAT IS FOR YOUR AID IN LOCATING YOUR LAND WITH REFERENCE TO STREETS AND OTHER PARCELS. WHILE THIS PLAT IS BELIEVED TO BE CORRECT, THE COMPANY ASSUMES NO LIABILITY FOR ANY LOSS OCCURRING BY REASON OF RELIANCE THEREON.

Assessor's Map No. 31-22  
Madera Outside  
Madera County, Calif.  
MADERA UNIFIED

31230-1-01  
2-02-11 NLM

## ATTACHMENT ONE

### AMERICAN LAND TITLE ASSOCIATION RESIDENTIAL TITLE INSURANCE POLICY (6-1-87) EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
  - land use
  - improvements on the land
  - land division
  - environmental protectionThis exclusion does not apply to violations or the enforcement of these matters which appear in the public records at policy date.  
This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.
2. The right to take the land by condemning it, unless:
  - a notice of exercising the right appears in the public records on the Policy Date
  - the taking happened prior to the Policy Date and is binding on you if you bought the land without knowledge of the taking

In addition to the Exclusions, you are not insured against loss, costs, attorneys' fees, and the expenses resulting from:

1. Any rights, interests, or claims of parties in possession of the land not shown by the public records.
2. Any easements or liens not shown by the public records. This does not limit the lien coverage in Item 8 of Covered Title Risks.

3. Title Risks:
  - that are created, allowed, or agreed to by you
  - that are known to you, but not to us, on the Policy Date-unless they appeared in the public records
  - that result in no loss to you
  - that first affect your title after the Policy Date – this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
4. Failure to pay value for your title.
5. Lack of a right:
  - to any land outside the area specifically described and referred to in Item 3 of Schedule A
  - or
  - in streets, alleys, or waterways that touch your landThis exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

3. Any facts about the land which a correct survey would disclose and which are not shown by the public records. This does not limit the forced removal coverage in item 12 of Covered Title Risks.
4. Any water rights or claims or title to water in or under the land, whether or not shown by the public records.

### CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY – 1990 EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.  
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
  - (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;

- (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
- (c) resulting in no loss or damage to the insured claimant;
- (d) attaching or created subsequent to Date of Policy; or
- (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

### SCHEDULE B, PART I EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

#### PART I

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the public records.

**ATTACHMENT ONE  
(CONTINUED)**

**AMERICAN LAND TITLE ASSOCIATION LOAN POLICY (10-17-92)  
WITH A.L.T.A. ENDORSEMENT-FORM 1 COVERAGE  
EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.  
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:  
(a) created, suffered, assumed or agreed to by the insured claimant;  
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;  
(c) resulting in no loss or damage to the insured claimant;  
(d) attaching or created subsequent to Date of Policy (except to the extent that this policy insures the priority of the lien of the insured mortgage over any statutory lien for services, labor or material or to the extent insurance is afforded herein as to assessments for street improvements under construction or completed at Date of Policy); or  
(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any statutory lien for services, labor or materials (or the claim of priority of any statutory lien for services, labor or materials over the lien of the insured mortgage) arising from an improvement or work related to the land which is contracted for and commenced subsequent to Date of Policy and is not financed in whole or in part by proceeds of the indebtedness secured by the insured mortgage which at Date of Policy the insured has advanced or is obligated to advance.
7. Any claim, which arises out of the transaction creating the interest of the mortgage insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:  
(i) the transaction creating the interest of the insured mortgagee being deemed a fraudulent conveyance or fraudulent transfer; or  
(ii) the subordination of the interest of the insured mortgagee as a result of the application of the doctrine of equitable subordination; or  
(iii) the transaction creating the interest of the insured mortgagee being deemed a preferential transfer except where the preferential transfer results from the failure:  
(a) to timely record the instrument of transfer; or  
(b) of such recordation to impart notice to a purchaser for value or a judgement or lien creditor.

**AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY (10-17-92)  
EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.  
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:  
(a) created, suffered, assumed or agreed to by the insured claimant;  
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;  
(c) resulting in no loss or damage to the insured claimant;  
(d) attaching or created subsequent to Date of Policy; or  
(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.
4. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:  
(i) the transaction creating the estate or interest insured by this policy being deemed a fraudulent conveyance or fraudulent transfer; or  
(ii) the transaction creating the estate or interest insured by this policy being deemed a preferential transfer except where the preferential transfer results from the failure:  
(a) to timely record the instrument of transfer; or  
(b) of such recordation to impart notice to a purchaser for value or a judgement or lien creditor.

The above ALTA policy forms, dated 10-17-92, may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following General Exceptions:

**EXCEPTIONS FROM COVERAGE**

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.



**ATTACHMENT ONE  
(CONTINUED)**

**CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE (10-22-03)  
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (10-22-03)  
EXCLUSIONS**

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes ordinances, laws and regulations concerning:
    - a. building
    - b. zoning
    - c. Land use
    - d. improvements on Land
    - e. Land division
    - f. environmental protection
  2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at the Policy Date.
  3. The right to take the Land by condemning it, unless:
    - a. notice of exercising the right appears in the Public Records at the Policy Date; or
    - b. the taking happened before the Policy Date and is binding on You if You bought the Land without knowing of the taking.
  4. Risks:
    - a. that are created, allowed, or agreed to by You, whether or not they appear in the Public Records;
    - b. that are Known to You at the Policy Date, but not to Us, unless they appear in the Public Records at the Policy Date;
    - c. that result in no loss to You; or
    - d. that first occur after the Policy Date – this does not limit the coverage described in Covered Risk 7, 8, 4, 22, 23, 24 or 25.
  5. Failure to pay value for Your Title.
  6. Lack of a right:
    - a. to any Land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
    - b. in streets, alleys, or waterways that touch the Land.
- This Exclusion does not limit the coverage described in Covered Risk 11 or 18.

**LIMITATIONS ON COVERED RISKS**

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

- For Covered Risk 14, 15, 16 and 18, Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	<u>Your Deductible Amount</u>	<u>Our Maximum Dollar Limit of Liability</u>
Covered Risk 14:	1.00% of Policy Amount or \$ 2,500.00 (whichever is less)	\$ 10,000.00
Covered Risk 15:	1.00% of Policy Amount or \$ 5,000.00 (whichever is less)	\$ 25,000.00
Covered Risk 16:	1.00% of Policy Amount or \$ 5,000.00 (whichever is less)	\$ 25,000.00
Covered Risk 18:	1.00% of Policy Amount or \$ 2,500.00 (whichever is less)	\$ 5,000.00

**ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (10/13/01)  
EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the Land; (ii) the character, dimensions or location of any improvements now or hereafter erected on the Land; (iii) a separation in ownership or a change in the dimensions or areas of the Land or any parcel of which the Land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the Land has been recorded in the Public Records at Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 12, 13, 14, and 16 of this policy.  
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the Land has been recorded in the Public Records at Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 12, 13, 14, and 16 of this policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the Public Records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without Knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
  - (a) created, suffered, assumed or agreed to by the Insured Claimant;
  - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - (c) resulting in no loss damage to the Insured Claimant;
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of the Insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable doing business laws of the state in which the Land is situated.
5. Invalidity or unenforceability of the lien of the Insured Mortgage, or claim thereof, which arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, except as provided in Covered Risk 27, or any consumer credit protection or truth in lending law.
6. Real property taxes or assessments of any governmental authority which become a lien on the Land subsequent to Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 7, 8(e) and 26.
7. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This exclusion does not limit the coverage provided in Covered Risk 8.
8. Lack of priority of the lien of the Insured Mortgage as to each and every advance made after Date of Policy, and all interest charged thereon, over liens, encumbrances and other matters affecting the title, the existence of which are Known to the Insured at:
  - (a) The time of the advance; or
  - (b) The time a modification is made to the terms of the Insured Mortgage which changes the rate of interest charged, if the rate of interest is greater as a result of the modification than it would have been before the modification. This exclusion does not limit the coverage provided in Covered Risk 8.
9. The failure of the residential structure, or any portion thereof to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at Date of Policy.

Fidelity National Title Group of Companies' Privacy Statement

**July 1, 2001**

We recognize and respect the privacy expectations of today's consumers and the requirements of applicable federal and state privacy laws. We believe that making you aware of how we use your non-public personal information ("Personal Information"), and to whom it is disclosed, will form the basis for a relationship of trust between us and the public that we serve. This Privacy Statement provides that explanation. We reserve the right to change this Privacy Statement from time to time consistent with applicable privacy laws.

**In the course of our business, we may collect Personal Information about you from the following sources:**

- From applications or other forms we receive from you or your authorized representative;
- From your transactions with, or from the services being performed by, us, our affiliates, or others;
- From our internet web sites;
- From the public records maintained by governmental entities that we either obtain directly from those entities, or from our affiliates or others; and
- From consumer or other reporting agencies.

**Our Policies Regarding the Protection of the Confidentiality and Security of Your Personal Information**

We maintain physical, electronic and procedural safeguards to protect your Personal Information from unauthorized access or intrusion. We limit access to the Personal Information only to those employees who need such access in connection with providing products or services to you or for other legitimate business purposes.

**Our Policies and Practices Regarding the Sharing of Your Personal Information**

We may share your Personal Information with our affiliates, such as insurance companies, agents, and other real estate settlement service providers. We also may disclose your Personal Information:

- to agents, brokers or representatives to provide you with services you have requested;
- to third-party contractors or service providers who provide services or perform marketing or other functions on our behalf; and
- to others with whom we enter into joint marketing agreements for products or services that we believe you may find of interest.

In addition, we will disclose your Personal Information when you direct or give us permission, when we are required by law to do so, or when we suspect fraudulent or criminal activities. We also may disclose your Personal Information when otherwise permitted by applicable privacy laws such as, for example, when disclosure is needed to enforce our rights arising out of any agreement, transaction or relationship with you.

One of the important responsibilities of some of our affiliated companies is to record documents in the public domain. Such documents may contain your Personal Information.

**Right to Access Your Personal Information and Ability to Correct Errors or Request Changes or Deletion**

Certain states afford you the right to access your Personal Information and, under certain circumstances, to find out to whom your Personal Information has been disclosed. Also, certain states afford you the right to request correction, amendment or deletion of your Personal Information. We reserve the right, where permitted by law, to charge a reasonable fee to cover the costs incurred in responding to such requests.

All requests must be made in writing to the following address:

Fidelity National Title Group, Inc.  
Privacy Compliance Officer  
601 Riverside Avenue  
Jacksonville, FL 32204

**Multiple Products or Services**

If we provide you with more than one financial product or service, you may receive more than one privacy notice from us. We apologize for any inconvenience this may cause you.

HANCOCK DWYER  
RECORDED BY COUNTY CLERK'S OFFICE AT 2:12 P.M.  
ON MAY 20, 1967 IN BOOK 987 PAGE 66  
OFFICIAL RECORDS OF MADERA COUNTY, CALIFORNIA  
HANCOCK H. DWYER, COUNTY CLERK RECORDER  
DATE May 20, 1967 DEPUTY

GRANT DEED

AD Buckley

1  
2 receipt of which is hereby acknowledged, does hereby grant to the  
3 County of Madera, a political subdivision of the State of California,  
4 the real property in the County of Madera, State of California,  
5 described as follows:

6 The west 58 feet of Section 6, T11S, R18E, M.D.B. & M.,  
7 from the AT&SF Railroad right-of-way north 404.80 feet  
8 along the section line including access rights; also  
9 the west 40 feet of the north 971.90 feet of Section 6,  
10 T11S, R18E, M.D.B. & M., containing 1.47 more or less  
11 acres.

12 Executed: March 21, 1967

13 Berley Buckley  
14 \_\_\_\_\_  
15

17 STATE OF CALIFORNIA )  
18 COUNTY OF MADERA ) SS

19 On the 21 day of March, 1967, before me,  
20 the undersigned, a Notary Public in and for said County and State,  
21 personally appeared B.A. BUCKLEY, known to me to be the person  
22 whose name is subscribed to the within instrument and acknowledged  
23 that she executed the same.

24 WITNESS my hand and official seal.

25  
26 Clarence A. Miles  
27 Notary Public in and for said  
28 County and State

29 My Commission Expires  
30 April 2, 1968 Clarence A. Miles  
31  
32



BOOK 987 PAGE 66 7  
MAY 19 1967  
Nº 6488  
1-2



CHICAGO TITLE COMPANY

---

## PRELIMINARY REPORT

*In response to the application for a policy of title insurance referenced herein, **Chicago Title Company** hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception herein or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.*

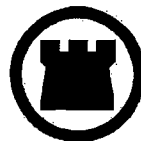
*The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said Policy or Policies are set forth in Attachment One. Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Attachment One. Copies of the Policy forms should be read. They are available from the office which issued this report.*

*This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.*

*The Policy(s) of title insurance to be issued hereunder will be policy(s) of Chicago Title Insurance Company, a Missouri corporation.*

***Please read the exceptions shown or referred to herein and the exceptions and exclusions set forth in Attachment One of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.***

***It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects and encumbrances affecting title to the land.***



**Chicago Title Company**

BY

*Reginald A. Miller*

President

ATTEST

*John C. [Signature]*

Secretary



# Chicago Title Company

441 East Yosemite Avenue • Madera, CA 93639  
559 673-3551 • FAX 559 661-0159

## PRELIMINARY REPORT

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Title Officer: Christine Upton  
Escrow Officer: Shanda Smith and Joanne Nash  
Escrow No.: 06-**50403678**-SS

Title No.: 06-**50403678**-CU  
Locate No.: CACTI7720-7720-4504-0050403678

TO: Wellington Corporation  
18640 Sutter Blvd Ste 100  
Morgan Hill, CA 95037

ATTN: Dianna Cordova

SHORT TERM RATE: Yes

**PROPERTY ADDRESS:** 031-221-001 and 031-222-001, Madera, California

---

**EFFECTIVE DATE: September 14, 2006, 07:30 A.M.**

The form of Policy or Policies of title insurance contemplated by this report is:

CLTA Standard Coverage Policy - 1990

1. THE ESTATE OR INTEREST IN THE LAND HEREINAFTER DESCRIBED OR REFERRED TO COVERED BY THIS REPORT IS:  
  
A Fee
  
2. TITLE TO SAID ESTATE OR INTEREST AT THE DATE HEREOF IS VESTED IN:  
  
**Kevin L. Herman and Diane P. Herman, husband and wife, as joint tenants**
  
3. THE LAND REFERRED TO IN THIS REPORT IS DESCRIBED AS FOLLOWS:  
  
SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

JG\JG 10/02/2006

**LEGAL DESCRIPTION**

**EXHIBIT "A"**

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF MADERA, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

**PARCEL NO. 1:** APN: 031-221-001

All that portion of Section 6, Township 11 South, Range 18 East, Mount Diablo Base and Meridian, according to the official plat thereof, lying North and East of the Atchison Topeka and Santa Fe Railroad right-of-way.

EXCEPTING THEREFROM that portion granted to the County of Madera in Deed dated March 21, 1967 and recorded April 19, 1967 in Book 987 of Official Records of Madera County, at page 66, described as follows:

The West 58 feet of said Section 6 from the AT & SP Railroad right-of-way North 404.80 feet along the Section line, including access right; also, the West 40 feet of the North 971.90 feet of said Section 6.

ALSO EXCEPTING THEREFROM an undivided 25% interest in all oil, gas, minerals and other hydrocarbon substances in and under said lands, together with the right at all times to enter on the above-described lands to remove all oil, gas, minerals and other hydrocarbon substances as reserved by Haskell T. Buckley, a married man dealing with his separate property; Halliday T. Buckley, a married man dealing with his separate property; Haskell T. Buckley, trustee of the trust created by last will and testament of Bevley Buckley, deceased, for the benefit of Alice Lavern Hendrix and Haskell T. Buckley, trustee of the trust created by last will and testament of Bevley Buckley, deceased, for the benefit of Mildred A. Overstreet, all of which trust was incorporated in the Decree of Distribution had in the matter of the Estate of Bevley Buckley, deceased, a certified copy of which Decree was recorded May 25, 1976 in Book 1273 of Official Records of Madera County at pages 3 through 17, inclusive.

EXCEPTING THEREFROM all of the remaining oil, gas and minerals, of every kind and nature, if any there be, now or hereafter lying in and under, and that may be produced from, all of the above described real estate, together with the right to reduce the same to possession, rights of ingress and egress and all rights incident to the development, production, conservation and transportation thereof, forever, as reserved by John Hancock Life Insurance Company, a Massachusetts corporation, by Deed recorded February 14, 2002 as Document No. 2003006123, Official Records.

**PARCEL NO. 2:** APN: 031-222-001

All that portion of Section 5, Township 11 South, Range 18 East, Mount Diablo Base and Meridian, according to the official plat thereof, lying West of Raymond Road, being also known as Road 28 1/2.

EXCEPTING THEREFROM an undivided 25% interest in all oil, gas, minerals and other hydrocarbon substances in and under said lands, together with the right at all times to enter upon the above-described lands to remove all oil, gas, minerals and other hydrocarbon substances; as reserved by Haskell T. Buckley, a married man dealing with his separate property; Halliday T. Buckley, a married man dealing with his separate property; Haskell T. Buckley, trustee of the trust created by last will and testament of Bevley Buckley, deceased, for the benefit of Alice Lavern Hendrix and Haskell T.

Buckley, trustee of the trust created by last will and testament of Bevley Buckley, deceased, for the benefit of Mildred A. Overstreet, all of which trust was incorporated in the Decree of Distribution had in the matter of the Estate of Bevley Buckley, deceased, a certified copy of which Decree was recorded May 25, 1976 in Book 1273 of Official Records of Madera County at pages 3 through 17, inclusive.

EXCEPTING THEREFROM all of the remaining oil, gas and minerals, of every kind and nature, if any there be, now or hereafter lying in and under, and that may be produced from, all of the above described real estate, together with the right to reduce the same to possession, rights of ingress and egress and all rights incident to the development, production, conservation and transportation thereof, forever, as reserved by John Hancock Life Insurance Company, a Massachusetts corporation, by Deed recorded February 14, 2002 as Document No.

EXHIBIT "A" (continued)

Title No. 06-**50403678**-CU  
Locate No. CACT17720-7720-4504-0050403678

2003006123, Official Records.

**AT THE DATE HEREOF, ITEMS TO BE CONSIDERED AND EXCEPTIONS TO COVERAGE IN ADDITION TO THE PRINTED EXCEPTIONS AND EXCLUSIONS IN SAID POLICY FORM WOULD BE AS FOLLOWS:**

1. **Property taxes**, which are a lien not yet due and payable, including any assessments collected with taxes to be levied for the fiscal year 2006-2007.
2. **The lien of supplemental taxes**, if any, assessed pursuant to the provisions of Chapter 3.5 (Commencing with Section 75) of the Revenue and Taxation code of the State of California.
3. **Easement(s)** for the purpose(s) shown below and rights incidental thereto as granted in a document.

Granted to: County of Madera  
Purpose: Road purposes  
Recorded: July 8, 1912, Book 59, Page 263, of Official Records  
Affects: Parcel 2

Reference is made to said document for full particulars.

4. **Rights of the public** as to any portion of the land lying within the area commonly known as Road 27 and Road 28 1/2.
5. **The fact** that there appears to be overhead powerlines located on Parcels 1 and 2
6. **Any discrepancies** in boundary or area or any rights which may arise or exist which are disclosed by a Map of Survey on said property.

Recorded: December 3, 1992 in Book 40 of Maps, Page 90 Madera County Records

7. **Covenants and restrictions** imposed by a Land Conservation Contract executed pursuant to Section 51200 et seq. California Government Code.

Dated: December 14, 1999  
Executed by: John Hancock Mutual Life Insurance Company and the County of Madera  
Recorded: December 21, 1999, Instrument No. 99034641, of Official Records

Said contract is subject to the following:

The effect of a document captioned "Owner's Notice of Nonrenewal of Land Conservation Contract"

Recorded: October 6, 2005, Instrument No. 2005048054, of Official Records



- 8. A deed of trust** to secure an indebtedness in the amount shown below, and any other obligations secured thereby

Amount: \$2,120,000.00  
 Dated: February 5, 2003  
 Trustor: Kevin L. Herman and Diane P. Herman, husband and wife, as joint tenants  
 Trustee: Fresno-Madera Federal Land Bank Association, FLCA, a corporation  
 Beneficiary: Fresno-Madera Federal Land Bank Association, FLCA, a corporation  
 Loan No.: 6002863001  
 Recorded: February 14, 2003, Instrument No. 2003006123, of Official Records

- 9. Matters** which may be disclosed by an inspection and/or by a correct ALTA/ACSM Land Title Survey of said land that is satisfactory to this Company, and/or by inquiry of the parties in possession thereof.

- 10. Any easements** not disclosed by those public records which impart constructive notice as to matters affecting title to real property and which are not visible and apparent from an inspection of the surface of said land.

- 11. Water rights, claims or title to water**, whether or not disclosed by the public records.

- 12. Any rights of the parties in possession** of a portion of, or all of, said land, which rights are not disclosed by the public record.

This Company will require, for review, a full and complete copy of any unrecorded agreement, contract, license and/or lease, together with all supplements, assignments and amendments thereto, before issuing any policy of title insurance without excepting this item from coverage. The Company reserves the right to except additional items and/or make additional requirements after reviewing said documents.

#### END OF ITEMS

**Note 1.** The policy of title insurance will include an arbitration provision. The Company or the insured may demand arbitration. Arbitrable matters may include, but are not limited to, any controversy or claim between the Company and the insured arising out of or relating to this policy, any service of the Company in connection with its issuance or the breach of a policy provision or other obligation. Please ask your escrow or title officer for a sample copy of the policy to be issued if you wish to review the arbitration provisions and any other provisions pertaining to your Title Insurance coverage.

**Note 2.** There are NO deeds affecting said land, recorded within twenty-four (24) months of the date of this report.

**Note 3.** **Property taxes** for the fiscal year shown below are paid. For proration purposes the amounts are:

Fiscal year:	2005-2006
1st installment:	\$10,102.41
2nd installment:	\$10,102.41
Homeowners Exemption:	\$0.00
Land:	\$1,056,883.00
Improvements	
Structural:	\$136,488.00
Growing:	\$716,113.00
Fixed:	\$0.00
Personal Property:	\$10,758.00 (Manufactured Home)
Code Area:	061 004 Tax Rate 1.052202
Assessment No.:	031-221-001

1st installment:	\$5,105.64
2nd installment:	\$5,105.64
Homeowners Exemption:	\$0.00
Land:	\$679,346.00
Improvements	
Structural:	\$71,599.00
Growing:	\$219,523.00
Fixed:	\$0.00
Personal Property:	\$0.00

Code Area:	061 004 Tax Rate 1.052202
Assessment No.:	031-222-001

**Note 4.** The Requirement that the complete and correct name or names of proposed buyers herein, be submitted to the Title Department, at least 5 days prior to the close of escrow.

**Note 5.** ESCROW INFORMATION NOTE: Arb No. 031-221-01 and 031-222-01

**Note 6.** Wiring instructions for Chicago Title Company, Madera, CA, are as follows:

Receiving Bank: Bank of America  
275 Valencia Blvd, 2nd Floor  
Brea, CA 92823-6340  
ABA Routing No.: 026009593  
Credit Account Name: Chicago Title Company - Madera  
441 East Yosemite Avenue, Madera, CA 93639  
Credit Account No.: 12355-73180  
Escrow No.: 06-**50403678**-SS

These wiring instructions are for this specific transaction involving the Title Department of the Madera office of Chicago Title Company. These instructions therefore should not be used in other transactions without first verifying the information with our accounting department. It is imperative that the wire text be exactly as indicated. Any extraneous information may cause unnecessary delays in confirming the receipt of funds.

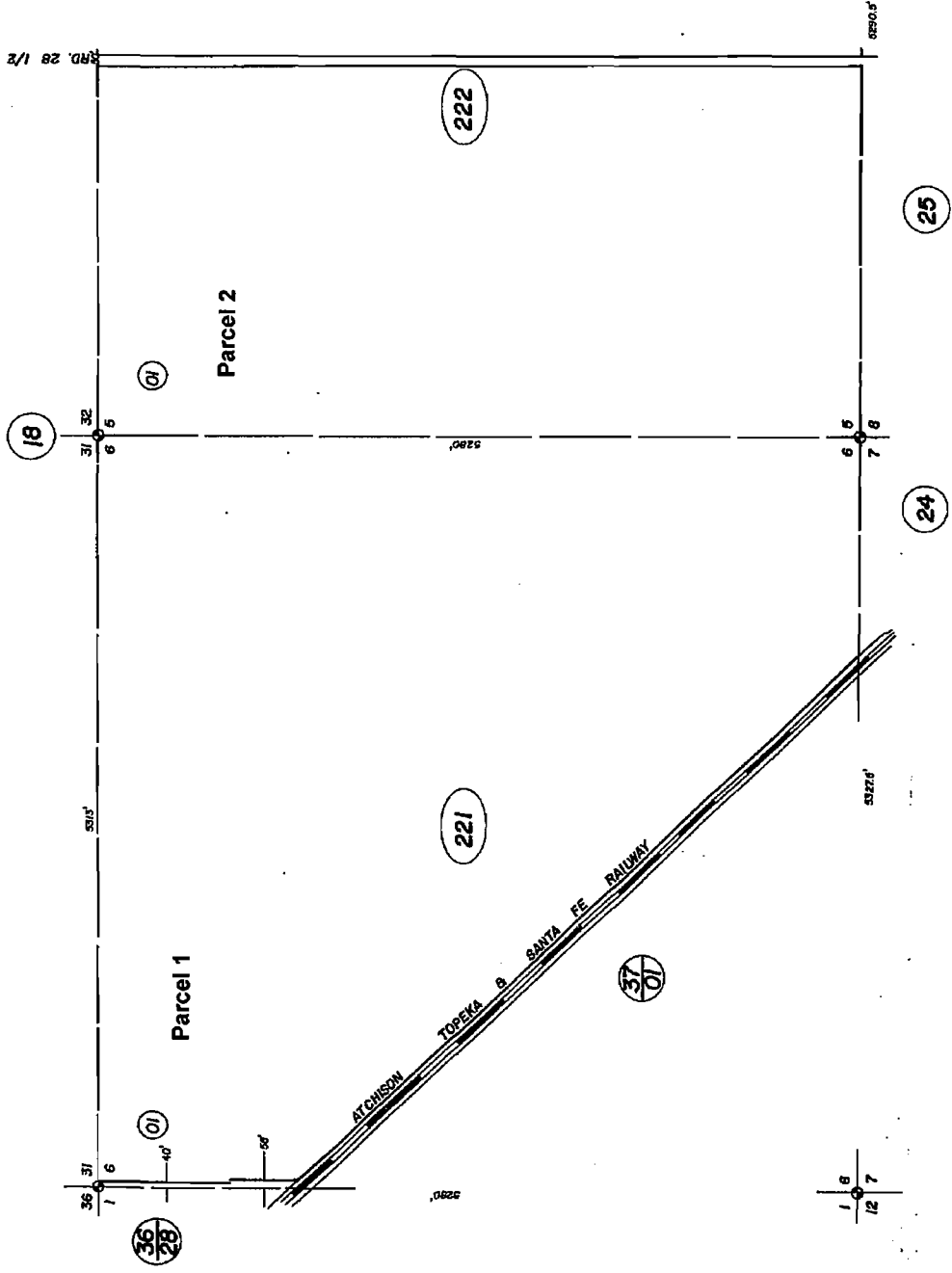
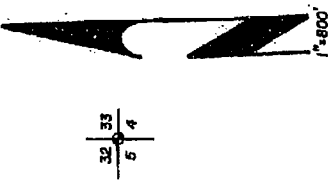
jg

**END OF NOTES**

SEC. 6 & 5, T. 11 S., R. 18 E.

31-22

Tax Area Code: 61-004



THIS PLAT IS FOR YOUR AID IN LOCATING YOUR LAND WITH REFERENCE TO STREETS AND OTHER PARCELS. WHILE THIS PLAT IS BELIEVED TO BE CORRECT, THE COMPANY ASSUMES NO LIABILITY FOR ANY LOSS OCCURRING BY REASON OF RELIANCE THEREON.

Assessor's Map No. 31-22  
 Madera Outside  
 Madera County, Calif.  
**MADERA UNIFIED**

93250-1-01  
 2-02-11LW

## ATTACHMENT ONE

### AMERICAN LAND TITLE ASSOCIATION RESIDENTIAL TITLE INSURANCE POLICY (6-1-87) EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
  - land use
  - improvements on the land
  - land division
  - environmental protectionThis exclusion does not apply to violations or the enforcement of these matters which appear in the public records at policy date. This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.
2. The right to take the land by condemning it, unless:
  - a notice of exercising the right appears in the public records on the Policy Date
  - the taking happened prior to the Policy Date and is binding on you if you bought the land without knowledge of the taking

In addition to the Exclusions, you are not insured against loss, costs, attorneys' fees, and the expenses resulting from:

1. Any rights, interests, or claims of parties in possession of the land not shown by the public records.
2. Any easements or liens not shown by the public records. This does not limit the lien coverage in Item 8 of Covered Title Risks.

3. Title Risks:
  - that are created, allowed, or agreed to by you
  - that are known to you, but not to us, on the Policy Date-unless they appeared in the public records
  - that result in no loss to you
  - that first affect your title after the Policy Date – this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
4. Failure to pay value for your title.
5. Lack of a right:
  - to any land outside the area specifically described and referred to in Item 3 of Schedule A
  - or
  - in streets, alleys, or waterways that touch your landThis exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

3. Any facts about the land which a correct survey would disclose and which are not shown by the public records. This does not limit the forced removal coverage in item 12 of Covered Title Risks.
4. Any water rights or claims or title to water in or under the land, whether or not shown by the public records.

### CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY – 1990 EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.  
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
  - (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant,

- (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
- (c) resulting in no loss or damage to the insured claimant;
- (d) attaching or created subsequent to Date of Policy; or
- (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured estate or interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

### SCHEDULE B, PART I EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

#### PART I

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the public records.

**ATTACHMENT ONE  
(CONTINUED)**

**AMERICAN LAND TITLE ASSOCIATION LOAN POLICY (10-17-92)  
WITH A.L.T.A. ENDORSEMENT-FORM 1 COVERAGE  
EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.  
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:  
(a) created, suffered, assumed or agreed to by the insured claimant;  
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;  
(c) resulting in no loss or damage to the insured claimant;  
(d) attaching or created subsequent to Date of Policy (except to the extent that this policy insures the priority of the lien of the insured mortgage over any statutory lien for services, labor or material or to the extent insurance is afforded herein as to assessments for street improvements under construction or completed at Date of Policy); or
4. (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage.
5. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable doing business laws of the state in which the land is situated.
6. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
7. Any statutory lien for services, labor or materials (or the claim of priority of any statutory lien for services, labor or materials over the lien of the insured mortgage) arising from an improvement or work related to the land which is contracted for and commenced subsequent to Date of Policy and is not financed in whole or in part by proceeds of the indebtedness secured by the insured mortgage which at Date of Policy the insured has advanced or is obligated to advance.
8. Any claim, which arises out of the transaction creating the interest of the mortgage insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:  
(i) the transaction creating the interest of the insured mortgagee being deemed a fraudulent conveyance or fraudulent transfer; or  
(ii) the subordination of the interest of the insured mortgagee as a result of the application of the doctrine of equitable subordination; or  
(iii) the transaction creating the interest of the insured mortgagee being deemed a preferential transfer except where the preferential transfer results from the failure:  
(a) to timely record the instrument of transfer; or  
(b) of such recordation to impart notice to a purchaser for value or a judgement or lien creditor.

**AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY (10-17-92)  
EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.  
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:  
(a) created, suffered, assumed or agreed to by the insured claimant;  
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;  
(c) resulting in no loss or damage to the insured claimant;  
(d) attaching or created subsequent to Date of Policy, or  
(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.
4. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:  
(i) the transaction creating the estate or interest insured by this policy being deemed a fraudulent conveyance or fraudulent transfer; or  
(ii) the transaction creating the estate or interest insured by this policy being deemed a preferential transfer except where the preferential transfer results from the failure:  
(a) to timely record the instrument of transfer; or  
(b) of such recordation to impart notice to a purchaser for value or a judgement or lien creditor.

The above ALTA policy forms, dated 10-17-92, may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following General Exceptions:

**EXCEPTIONS FROM COVERAGE**

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.

**ATTACHMENT ONE  
(CONTINUED)**

**CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE (10-22-03)  
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (10-22-03)  
EXCLUSIONS**

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes ordinances, laws and regulations concerning:
  - a. building
  - b. zoning
  - c. Land use
  - d. improvements on Land
  - e. Land division
  - f. environmental protection

This Exclusion does not apply to violations or the enforcement of these matters if notice of the violation or enforcement appears in the Public Records at the Policy Date.  
This Exclusion does not limit the coverage described in Covered Risk 14, 15, 16, 17 or 24.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at the Policy Date.
3. The right to take the Land by condemning it, unless:
  - a. notice of exercising the right appears in the Public Records at the Policy Date; or
  - b. the taking happened before the Policy Date and is binding on You if You bought the Land without Knowing of the taking.
4. Risks:
  - a. that are created, allowed, or agreed to by You, whether or not they appear in the Public Records;
  - b. that are Known to You at the Policy Date, but not to Us, unless they appear in the Public Records at the Policy Date;
  - c. that result in no loss to You; or
  - d. that first occur after the Policy Date – this does not limit the coverage described in Covered Risk 7, 8, d, 22, 23, 24 or 25.
5. Failure to pay value for Your Title.
6. Lack of a right:
  - a. to any Land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
  - b. in streets, alleys, or waterways that touch the Land.

This Exclusion does not limit the coverage described in Covered Risk 11 or 18.

**LIMITATIONS ON COVERED RISKS**

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

- For Covered Risk 14, 15, 16 and 18, Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	<u>Your Deductible Amount</u>	<u>Our Maximum Dollar Limit of Liability</u>
Covered Risk 14:	1.00% of Policy Amount or <u>\$ 2,500.00</u> (whichever is less)	\$ <u>10,000.00</u>
Covered Risk 15:	1.00% of Policy Amount or <u>\$ 5,000.00</u> (whichever is less)	\$ <u>25,000.00</u>
Covered Risk 16:	1.00% of Policy Amount or <u>\$ 5,000.00</u> (whichever is less)	\$ <u>25,000.00</u>
Covered Risk 18:	1.00% of Policy Amount or <u>\$ 2,500.00</u> (whichever is less)	\$ <u>5,000.00</u>

**ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (10/13/01)  
EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the Land; (ii) the character, dimensions or location of any improvements now or hereafter erected on the Land; (iii) a separation in ownership or a change in the dimensions or areas of the Land or any parcel of which the Land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the Land has been recorded in the Public Records at Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 12, 13, 14, and 16 of this policy.  
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the Land has been recorded in the Public Records at Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 12, 13, 14, and 16 of this policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the Public Records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without Knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
  - (a) created, suffered, assumed or agreed to by the Insured Claimant;
  - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - (c) resulting in no loss damage to the Insured Claimant;
  - (d) attaching or created subsequent to Date of Policy (this paragraph does limit the coverage provided under Covered Risks 8, 16, 18, 19, 20, 21, 22, 23, 24, 25 and 26); or
  - (e) resulting in loss or damage which would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of the Insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable doing business laws of the state in which the Land is situated.
5. Invalidity or unenforceability of the lien of the Insured Mortgage, or claim thereof, which arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, except as provided in Covered Risk 27, or any consumer credit protection or truth in lending law.
6. Real property taxes or assessments of any governmental authority which become a lien on the Land subsequent to Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 7, 8(e) and 26.
7. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This exclusion does not limit the coverage provided in Covered Risk 8.
8. Lack of priority of the lien of the Insured Mortgage as to each and every advance made after Date of Policy, and all interest charged thereon, over liens, encumbrances and other matters affecting the title, the existence of which are Known to the Insured at:
  - (a) The time of the advance; or
  - (b) The time a modification is made to the terms of the Insured Mortgage which changes the rate of interest charged, if the rate of interest is greater as a result of the modification than it would have been before the modification. This exclusion does not limit the coverage provided in Covered Risk 8.
9. The failure of the residential structure, or any portion thereof to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at Date of Policy.

## **Notice**

You may be entitled to receive a \$20.00 discount on escrow services if you purchased, sold or refinanced residential property in California between May 19, 1995 and November 1, 2002. If you had more than one qualifying transaction, you may be entitled to multiple discounts.

If your previous transaction involved the same property that is the subject of your current transaction, you do not have to do anything; the Company will provide the discount, provided you are paying for escrow or title services in this transaction.

If your previous transaction involved property different from the property that is subject of your current transaction, you must - prior to the close of the current transaction - inform the Company of the earlier transaction, provide the address of the property involved in the previous transaction, and the date or approximate date that the escrow closed to be eligible for the discount.

Unless you inform the Company of the prior transaction on property that is not the subject of this transaction, the Company has no obligation to conduct an investigation to determine if you qualify for a discount. If you provide the Company information concerning a prior transaction, the Company is required to determine if you qualify for a discount which is subject to other terms and conditions.



Fidelity National Title Group of Companies' Privacy Statement

**July 1, 2001**

We recognize and respect the privacy expectations of today's consumers and the requirements of applicable federal and state privacy laws. We believe that making you aware of how we use your non-public personal information ("Personal Information"), and to whom it is disclosed, will form the basis for a relationship of trust between us and the public that we serve. This Privacy Statement provides that explanation. We reserve the right to change this Privacy Statement from time to time consistent with applicable privacy laws.

**In the course of our business, we may collect Personal Information about you from the following sources:**

- From applications or other forms we receive from you or your authorized representative;
- From your transactions with, or from the services being performed by, us, our affiliates, or others;
- From our internet web sites;
- From the public records maintained by governmental entities that we either obtain directly from those entities, or from our affiliates or others; and
- From consumer or other reporting agencies.

**Our Policies Regarding the Protection of the Confidentiality and Security of Your Personal Information**

We maintain physical, electronic and procedural safeguards to protect your Personal Information from unauthorized access or intrusion. We limit access to the Personal Information only to those employees who need such access in connection with providing products or services to you or for other legitimate business purposes.

**Our Policies and Practices Regarding the Sharing of Your Personal Information**

We may share your Personal Information with our affiliates, such as insurance companies, agents, and other real estate settlement service providers. We also may disclose your Personal Information:

- to agents, brokers or representatives to provide you with services you have requested;
- to third-party contractors or service providers who provide services or perform marketing or other functions on our behalf; and
- to others with whom we enter into joint marketing agreements for products or services that we believe you may find of interest.

In addition, we will disclose your Personal Information when you direct or give us permission, when we are required by law to do so, or when we suspect fraudulent or criminal activities. We also may disclose your Personal Information when otherwise permitted by applicable privacy laws such as, for example, when disclosure is needed to enforce our rights arising out of any agreement, transaction or relationship with you.

One of the important responsibilities of some of our affiliated companies is to record documents in the public domain. Such documents may contain your Personal Information.

**Right to Access Your Personal Information and Ability to Correct Errors or Request Changes or Deletion**

Certain states afford you the right to access your Personal Information and, under certain circumstances, to find out to whom your Personal Information has been disclosed. Also, certain states afford you the right to request correction, amendment or deletion of your Personal Information. We reserve the right, where permitted by law, to charge a reasonable fee to cover the costs incurred in responding to such requests.

All requests must be made in writing to the following address:

Fidelity National Title Group, Inc.  
Privacy Compliance Officer  
601 Riverside Avenue  
Jacksonville, FL 32204

**Multiple Products or Services**

If we provide you with more than one financial product or service, you may receive more than one privacy notice from us. We apologize for any inconvenience this may cause you.

RESOLUTION NO. 67-138

BE IT HEREBY RESOLVED that the County of Madera, a political subdivision of the State of California, hereby accepts that certain deed dated the 21st day of March, 19 67, executed by BEVLEY BUCKLEY

conveying to said County of Madera, the real property described therein and consents to the recordation of said deed.

The foregoing Resolution was adopted this 16th day of May, 19 67, by the following vote:

Supervisor Schmitz voted:	<u>YES</u>
Supervisor Balmat voted:	<u>YES</u>
Supervisor Thompson voted:	<u>YES</u>
Supervisor Neufeld voted:	<u>YES</u>
Supervisor Cornwall voted:	<u>YES</u>

HERMAN NEUFELD  
Chairman  
Board of Supervisors

ATTEST:

MADORA H. DWYER (SEAL)  
Clerk, Board of Supervisors

By URDA PEZALIA  
Deputy Clerk

THE FOREGOING INSTRUMENT IS A CORRECT COPY OF  
THE ORIGINAL AS FILED IN THE RECORDING OFFICE  
ATTEST May 18 19 67  
MADORA H. DWYER  
COUNTY CLERK AND CLERK OF THE BOARD OF SUPERVISORS  
IN AND FOR THE COUNTY OF MADERA,  
STATE OF CALIFORNIA.  
BY Cathy S. Quinn DEPUTY

BOOK 987 PAGE 67  
No. 6488  
MAY 19 1967

B-240

BG  
20

FILED

76 MAY 24 PM 12:01

1 Law Offices of  
2 SHERWOOD & DENSLow GREEN  
3 P. O. Box 1019 (219 South D Street)  
4 Madera, CA. 93637  
5 Telephone: (209) 674-5656

EVELYN C. BRANSTETTER  
CLERK  
JAN FORTUNE  
DEPUTY

6 Attorneys for Executor 8253

RECORDED BY SHERWOOD & DENSLow GREEN -9:15 AM  
AT  
ON MAY 25 1976 BOOK 1273 PAGE 3  
OFFICIAL RECORDS OF MADERA COUNTY, CALIFORNIA  
EVELYN C. BRANSTETTER, COUNTY CLERK RECORDER  
117.00 *A. Ford* DEPUTY

7 SUPERIOR COURT OF THE STATE OF CALIFORNIA  
8 FOR THE COUNTY OF MADERA RECORDED PRODATE  
9 VOL 39 PAGE 410

10 Estate of ) No. 5690

11 BEVLEY BUCKLEY, )  
12 ) JUDGMENT SETTLING FIRST AND FINAL AND  
13 Deceased, ) SUPPLEMENTAL ACCOUNTS AND REPORT OF  
14 ) EXECUTOR, ALLOWING COMMISSIONS AND FEES  
15 ) AND OF FINAL DISTRIBUTION UNDER WILL

16 HASKELL T. BUCKLEY, as executor of the Will of BEVLEY  
17 BUCKLEY, deceased, having filed his first and final and supplemental  
18 accounts, report, and petition for its settlement and for final distribution, and  
19 the report and petition coming on this day regularly for hearing, the Court finds:

- 20 1. Notice of hearing of the petition has been regularly given as
  - 21 prescribed by law.
  - 22 2. All allegations of the petition and the supplemental account
  - 23 filed on May 21, 1976, are true.
  - 24 3. Decedent died testate on May 31, 1973, in the County of Madera,
  - 25 State of California, and was at the time of his death a resident thereof.
  - 26 4. On June 25, 1973, HASKELL T. BUCKLEY was appointed
- executor of the decedent's Will, and qualified as such on that date, and since

BOOK 1273 PAGE 3

LAW OFFICES OF  
SHERWOOD &  
DENSLow GREEN  
219 SOUTH D STREET  
MADERA, CALIF. 93637  
674-5656

• No 08353  
MAY 25 1976

1 then has been and now is the executor of the decedent's Will.

2 5. Notice to creditors has been given as required by law, the time  
3 for filing or presenting claims has expired, and the estate now is in a condition  
4 to be closed.

5 6. All claims filed or presented against the estate have been  
6 allowed by the executor, approved by this Court, and paid.

7 7. All debts of decedent and of the estate and all expenses of  
8 administration have been paid, except closing expenses.

9 8. A written report of the inheritance tax referee appointed in the  
10 proceeding is on file, and an order fixing the inheritance tax due the State of  
11 California has been made by this Court. The tax has been paid in full as  
12 evidenced by the receipt of the county treasurer of the County of Madera.

13 9. All personal property taxes due and payable by this estate have  
14 been paid.

15 10. A federal estate tax return has been filed for this estate, and the  
16 tax shown to be due has been paid. The return has been audited and the executor  
17 has been released from personal liability for the federal estate tax.

18 11. All California and federal income taxes due and payable by the  
19 estate have been paid.

20 12. The estimated expenses of closing the estate are \$30.00, and the  
21 executor should be authorized to withhold that sum from distribution.

22 13. On July 13, 1973, BERTHA E. BUCKLEY, decedent's surviving  
23 spouse, died in Madera County, California. All assets of the estate of  
24 BEVLEY BUCKLEY is the separate property of decedent, except for the residue  
25 of the household furniture and furnishings, which was the community property  
26 of the decedent and said Bertha E. Buckley.

14. Distribution should be ordered as prayed for.

1 IT IS ORDERED and adjudged that:

2 1. The administration of the estate is brought to a close.

3 2. The first and final and supplemental accounts, petition, and  
4 report of the executor are settled, allowed, and approved as filed.

5 3. All acts and transactions of the executor relating to the matters  
6 set forth in the accounts, petition, and report are confirmed and approved.

7 4. The executor is authorized and directed to retain \$30.00 from  
8 distribution at this time to defray closing expenses.

9 5. The payment by the executor of \$8,338.62 to himself as statutory  
10 commissions for services rendered in administration of this estate is approved.

11 6. The payment by the executor of \$8,338.62 to SHERWOOD &  
12 DENSLow GREEN for their ordinary legal services, and payment of the total sum  
13 of \$1,275.00 for their extraordinary services rendered in this estate are approved.

14 7. Notice to creditors has been given as required by law.

15 8. The California inheritance taxes due and payable by the estate  
16 have been paid.

17 9. The estate in the possession of the executor remaining for  
18 distribution consists of the following property, which is to be distributed in  
19 the following manner:

20 To HASKELL T. BUCKLEY, son of decedent, the following property:

21 A. Residue of the farming implements and equipment,  
22 described as follows, in accordance with Paragraph  
FOURTH of the decedent's Will:

- 23 a. One TD-15 Allis Chalmers Tractor, 1942 model  
24 b. Four Wheatland Plows  
25 c. One Dodge, 2-ton truck, 1949 model, Eng. No. 86510609  
26 d. One Ford, 3/4 ton, pickup, 1952 model,  
Eng. No. F3R2R1115506  
e. One Ford flat-bed truck, 6-cylinders, 1946 model  
f. One 6 1/2 yard HeGee carry-all scraper  
g. Misc. old farming implements, most of which are obsolete

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B. An undivided 1/2 interest in the guns and sporting equipment, described as follows, in accordance with Paragraph FOURTH of the decedent's Will:

- a. One 16-gage Shotgun
- b. One 22 Repeater Rifle
- c. One 32 Revolver

C. An undivided 1/3 interest in three (3) miscellaneous pictures (wall), in accordance with the Second Codicil to the decedent's Will.

D. One Hi-Fi Phonograph, in accordance with the Second Codicil to the decedent's Will.

E. One Brown Recliner Chair (McMahon), in accordance with the Second Codicil to the decedent's Will.

F. An undivided 1/2 interest in one 2-piece bedroom set, in accordance with the Second Codicil to the decedent's Will.

G. An undivided 1/4 interest in the rest and residue of the estate, more particularly described here in below, in accordance with Paragraph SIXTH and Paragraph TENTH of the decedent's Will.

To HALLIDAY T. BUCKLEY, son of decedent, the following property:

A. The sum of \$2,500.00, in accordance with Paragraph FOURTH of the decedent's Will.

B. An undivided 1/2 interest in the guns and sporting equipment, described as follows, in accordance with Paragraph FOURTH of the decedent's Will:

- a. One 16-gage Shotgun
- b. One 22 Repeater Rifle
- c. One 32 Revolver

C. An undivided 1/3 interest in three (3) miscellaneous pictures (wall), in accordance with the Second Codicil to the decedent's Will.

D. One International 240 Tractor (approx. 1955 model) and disc, in accordance with the Second Codicil to the decedent's Will.

E. One Burgandy-colored Recliner Chair (Chowchilla), in accordance with the Second Codicil to the decedent's Will.

LAW OFFICE OF  
SHERWOOD &  
DENLOW GREEN  
540 NORTH B STREET  
MADERA, CALIF. 95337  
870-8888

No 08353  
MAY 25 1975

1 E. An undivided 1/4 interest in the rest and residue  
2 of the estate, more particularly described  
3 hereinbelow, in accordance with Paragraph SEVENTH  
4 and Paragraph TENTH of the decedent's Will.

5 To MILDRED A. OVERSTREET, daughter of decedent, the  
6 following property:

- 7 A. The sum of \$1,000.00, in accordance with Paragraph  
8 FOURTH of the decedent's Will.
- 9 B. One wall picture (located over piano), in accordance  
10 with the Second Codicil to the decedent's Will.
- 11 C. One Hibadeb, in accordance with the Second Codicil  
12 to the decedent's Will.
- 13 D. Green Sofa and Green Chair, in accordance with the  
14 Second Codicil to the decedent's Will.

15 To HASKELL T. BUCKLEY, as trustee, in trust, an undivided  
16 1/4 interest in the rest and residue of the estate, more particularly described  
17 hereinbelow, in accordance with Paragraph EIGHTH and Paragraph TENTH,  
18 of the decedent's Will, and Paragraph SECOND of the First Codicil to the  
19 decedent's Will, to be held by said trustee for the following use and purposes:

20 "A. DISTRIBUTION OF INCOME AND PRINCIPAL.

21 "During the life of my daughter MILDRED A.  
22 OVERSTREET, the trustee shall pay to her the entire net  
23 income of said trust estate, said payments to be made  
24 annually or in other convenient installments. The trustee, in  
25 its absolute discretion, shall have the absolute right to invade  
26 any of the principal of the trust estate for the care, maintenance  
or support of my daughter MILDRED A. OVERSTREET, and  
shall further have such right to invade both principal and  
income for the purpose of providing funds for the education of  
her children. The amounts provided to her children for  
education need not be equal.

"Upon the death of my daughter MILDRED A.  
OVERSTREET, the trustee shall divide the remaining trust  
estate into as many shares as there are then living children  
of my said daughter, and upon the principle of representation,  
any issue of predeceased children. The net income of such



1 shares so held shall be distributed in annual or other  
2 convenient installments to said beneficiaries, together  
3 with the right of the trustee to invade the principal  
4 thereof for the support, maintenance, education or  
5 welfare of said beneficiaries, in such amounts as the  
6 trustee in its sole discretion shall deem fit. The trustee  
7 shall distribute such shares to each beneficiary upon such  
8 beneficiary attaining the age of 25 years. If any beneficiary  
9 shall die before receiving distribution of said share, said  
10 share shall pass to such beneficiary's issue, if any, upon  
11 his or her death, or failing such issue, shall be divided  
12 among the remaining beneficiaries of said trust, in  
13 equal shares."

14 To ALICE LAVERN HENDRIX, daughter of decedent, the following  
15 property:

16 A. The sum of \$1,000.00, in accordance with Paragraph  
17 FOURTH of the decedent's Will.

18 B. An undivided 1/3 interest in three (3) miscellaneous  
19 pictures (wall), in accordance with the Second  
20 Codicil to the decedent's Will.

21 C. One Zenith Color Television, in accordance with  
22 the Second Codicil to the decedent's Will.

23 D. An undivided 1/2 interest in one 3-piece bedroom  
24 set, in accordance with the Second Codicil to the  
25 decedent's Will.

26 To HASKELL T. BUCKLEY, as trustee, in trust, an undivided  
1/4 interest in the rest and residue of the estate, more particularly described  
hereinbelow, in accordance with PARAGRAPH NINTH and PARAGRAPH TENTH  
of the decedent's Will, and Paragraph SECOND of the First Codicil to the  
decedent's Will, to be held by said trustee for the following use and purposes:

"A. DISTRIBUTION OF INCOME AND PRINCIPAL.

"During the life of my daughter ALICE LAVERN HENDRIX,  
the trustee shall pay to her the entire net income of said trust  
estate, said payments to be made annually or in other convenient  
installments. The trustee, in its absolute discretion, shall have  
the absolute right to invade any of the principal of the trust  
estate for the care, maintenance or support of my daughter  
ALICE LAVERN HENDRIX, and shall further have such right



1 to invade both principal and income for the purpose of  
2 providing funds for the education of her children. The amounts  
provided to her children for education need not be equal.

3 "Upon the death of my daughter ALICE LAVERN  
4 HENDREN, the trustee shall divide the remaining trust estate  
into as many shares as there are then living children of my  
5 said daughter, and upon the principle of representation, any  
issue of predeceased children. The net income of such shares  
6 so held shall be distributed in annual or other convenient  
installments to said beneficiaries, together with the right of  
7 the trustee to invade the principal thereof for the support,  
education, maintenance or welfare of said beneficiaries, in  
8 such amounts as the trustee in its sole discretion shall deem  
fit. The trustee shall distribute such shares to each  
9 beneficiary upon such beneficiary attaining the age of 25 years.  
If any beneficiary shall die before receiving distribution of  
10 said share, said share shall pass to such beneficiary's issue,  
if any, upon his or her death, or failing such issue, shall  
11 be divided among the remaining beneficiaries of said trust,  
in equal shares.

12 The following provisions set forth in Paragraph ELEVENTH of the  
13 decedent's Will shall apply to the trusts established under the terms of the  
14 decedent's Will described here in above:

15 "A. GENERAL PROVISIONS.

16 "1. The primary purpose and intent in creating this  
17 trust is to provide for the income beneficiaries, and the rights  
and interests of remaindermen are subordinate and incidental  
18 to that purpose. The provisions of this trust shall be liberally  
construed in the interest and for the benefit of the income  
19 beneficiaries.

20 "2. The interests of beneficiaries in principal or  
income shall not be subject to claims of their creditors or  
21 others nor to legal process, and may not be voluntarily or  
involuntarily alienated or encumbered.

22 "3. In the event that the trustee holds as a part of  
the trust estate any personal property or depreciable real  
23 property, the trustee is instructed not to establish a  
depreciation reserve for such depreciable assets.

24 "B. POWERS OF THE TRUSTEE.

25 "1. To continue to hold any property, and to operate  
26 at the risk of the trust estate any property or business received

1 in this trust, as long as trustee may deem advisable, the  
2 profits and losses therefrom to inure or be chargeable to the  
trust estate as a whole and not to the trustee.

3 "2. To manage, control, sell, convey, exchange,  
4 partition, divide, subdivide, improve, repair; to grant  
5 options and to sell upon deferred payments; to lease for  
6 terms within or extending beyond the duration of this trust  
7 for any purpose, including exploration for and removal of  
8 gas, oil and other minerals; to enter into community oil  
9 leases, pooling and unitization agreements; to create  
10 restrictions, easements and other servitudes; to compromise,  
11 arbitrate or otherwise adjust claims in favor of or against the  
12 trust; to institute, compromise and defend actions and  
13 proceedings; to carry such insurance as the trustee may deem  
14 advisable.

15 "3. To invest and reinvest the principal, and income  
16 if the trustee is directed to accumulate it, and to purchase or  
17 acquire therewith every kind of property, real, personal or  
18 mixed and every kind of investment, specifically including,  
19 but not by way of limitation, corporate obligations of every  
20 kind and stocks, preferred or common.

21 "4. To advance funds to this trust for any trust  
22 purpose, such advances with interest at current rates to be  
23 a first lien on and to be repaid out of principal or income; to  
24 reimburse themselves from principal or income for any  
25 loss or expense incurred by reason of trustee's ownership  
26 or holding of any property in this trust.

"5. To borrow money for any trust purpose upon  
such terms and conditions as the trustee may deem proper,  
and to obligate the trust estate for repayment; to encumber  
the trust estate or any of its property by mortgage, deed of  
trust, pledge or otherwise, using such procedure to  
consummate the transaction as the trustees may deem  
advisable.

"6. To have respecting securities all the rights,  
powers and privileges of any owner, including the power to  
pay assessments and other sums deemed by the trustee  
necessary for the protection of the trust estate, to participate  
in voting trusts, pooling agreements, foreclosures,  
reorganizations, consolidations, mergers and liquidations,  
and in connection therewith to deposit securities with and  
transfer title to any protective or other committee under  
such terms as the trustee may deem advisable; to exercise  
or sell stock subscription or conversion rights; to accept  
and retain as an investment any securities or other property  
received through the exercise of any of the foregoing powers.

1 "7. Upon any initial division or partial or final  
2 distribution of the trust estate, to partition, allot and  
3 distribute the trust estate in undivided interests or in kind,  
4 or partly in money and partly in kind, at valuations determined  
5 by the trustee, and to sell such property as the trustee may  
6 deem necessary to make division or distribution.

7 "8. To determine what is principal or income of the  
8 trust estate and apportion and allocate in trustee's discretion  
9 any and all receipts and expenses as between these accounts,  
10 including also the power to charge in whole or in part against  
11 principal, or to amortize out of or charge forthwith to income,  
12 premium paid on purchase of bonds or other obligations.  
13 Except insofar as the trustee shall exercise the discretion  
14 herein conferred, matters relating to principal and income  
15 shall be governed by the provisions of the Principal and  
16 Income Law from time to time existing.

17 "9. The trustee shall be entitled in addition to the  
18 rights heretofore set forth, but not by way of limitation, to  
19 invest any portion of the trust estate in any common trust  
20 fund or funds now or hereafter established and being  
21 administered by said CROCKER CITIZENS NATIONAL BANK  
22 solely for the investment of trust funds.

23 "10. The trustee may hold securities or other  
24 property in this trust in its name as trustee hereunder, or  
25 in its own name, or in the name of its nominee, or the trustee  
26 may hold such securities unregistered in such condition that  
ownership will pass by delivery.

"11. Unless specifically limited, all discretions  
conferred upon the trustee shall be absolute, and its exercise  
conclusive on all persons interested in this trust. The  
enumeration of certain powers of the trustee shall not limit  
the general or implied powers, and the trustee, subject  
always to the discharge of its fiduciary obligations, is vested  
with and shall have all the rights, powers and privileges  
which an absolute owner of the same property would have.

"C. ADMINISTRATIVE PROVISIONS.

"1. Income accrued or unpaid on trust property at  
the date of my death, shall, when received into the trust, be  
treated as any other income. Income accrued or held  
undistributed by the trustee at the termination of any interest  
or estate under this trust shall go to the beneficiaries entitled  
to the next succeeding interest in the proportions in which  
they take such interest. Periodical payments out of principal  
not due upon the termination of any interest or estate shall  
not be apportioned to that date. The trustee shall not be

1 required to prorate taxes and other current expenses to the  
2 date of termination.

3 "2. Until the trustee shall receive written notice  
4 of any birth, marriage, death or other event upon which the  
5 right to payments from this trust may depend, the trustees  
6 shall incur no liability to persons whose interests may have  
7 been affected by that event for disbursements made in good  
8 faith.

9 "3. The trustee may make payments to any  
10 beneficiary under disability by making them to the guardian  
11 of the person of the beneficiary, or to the parent of the  
12 beneficiary, if a minor, or may apply them for the  
13 beneficiary's benefit. Sums may be paid directly to minor  
14 beneficiaries, who, in the judgment of the trustee, have  
15 attained sufficient age and discretion to render it probable  
16 that the moneys will be properly expended.

17 "4. The trustee shall have the right to resign at any  
18 time, and upon such resignation the trustee or any beneficiary  
19 of the trust may secure the appointment of a successor  
20 trustee by a court of competent jurisdiction.

21 "Any successor of CROCKER CITIZENS NATIONAL  
22 BANK, whether through sale or transfer of its business or  
23 its Trust Department, conversion, consolidation, merger,  
24 resignation as trustee hereunder, or otherwise, shall  
25 forthwith become the successor trustee hereunder, and  
26 shall succeed to all title of the trustee to the trust estate,  
and all powers, rights, discretions, obligations and  
immunities of the trustee hereunder, with the same effect  
as though such successor were originally named herein  
as trustee.

"5. The trustee shall pay out of principal or  
income as it may select, or partially out of each in such  
shares as it may determine, property taxes, assessments,  
charges, attorneys' fees, the trustee's compensation and  
other expenses incurred in the administration or protection  
of this trust. The discretion of the trustee to pay these  
items from income or principal, or partially from each,  
may be exercised not only in the interest of the trust estate  
but for the benefit of any beneficiary. The income remaining  
after such expenditures as the trustee shall elect to pay  
therefrom shall constitute net income."

By the First Codicil to the decedent's Will, dated February 16,  
1971, the provision in subparagraph 4 under "ADMINISTRATIVE PROVISIONS"

1 set forth hereinabove, wherein any successor of CROCKER CITIZENS  
2 NATIONAL BANK shall forthwith become the successor trustee, was clarified  
3 to apply only in the event that CROCKER CITIZENS NATIONAL BANK becomes  
4 the appointed successor trustee.

5 By the First Codicil to the decedent's Will, dated February 16,  
6 1971, the provisions in the decedent's Will in which CROCKER CITIZENS  
7 NATIONAL BANK was named to act as trustee, were modified as follows:

8 "SECOND: I hereby modify the provisions of Articles  
9 Fifth, Sixth, Seventh, Eighth and Ninth of my said Will,  
10 wherein Crocker Citizens National Bank is named as trustee,  
11 and substitute in lieu of said trustee so named in said Articles,  
12 the following persons to act as trustees under my said Last  
13 Will and Testament. The trustees of the testamentary trust  
14 so established shall be my son HASKELL T. BUCKLEY, if he  
15 be then living; or if he not be then living, then his son,  
16 THOMAS H. BUCKLEY, to act as co-trustee with DENSLOW  
17 GREEN. In the event of the failure of HASKELL T. BUCKLEY  
18 or THOMAS H. BUCKLEY, to act or continue to act as trustee,  
19 then DENSLOW GREEN shall serve as sole trustee. In the  
20 event of the failure of DENSLOW GREEN to act or to continue  
21 to act as trustee, then HASKELL T. BUCKLEY, or THOMAS  
22 H. BUCKLEY, as the case may be, shall act as sole trustee.  
23 In the event of the failure of all of said persons to act as co-  
24 trustees, or as sole trustee as herein set forth, then I  
25 nominate and appoint my son HALLIDAY T. BUCKLEY as  
26 trustee. In the event none of the aforementioned persons can act  
as trustee, then I nominate and appoint CROCKER CITIZENS  
NATIONAL BANK as trustee."

To THOMAS H. BUCKLEY, grandson of decedent, the sum of  
\$500.00, in accordance with Paragraph FOURTH of the decedent's Will.

To JAMES DEAN BUCKLEY, grandson of decedent, the sum of  
\$500.00, in accordance with Paragraph FOURTH of the decedent's Will.

To KAREN BUCKLEY, granddaughter of decedent, the sum of  
\$500.00, in accordance with Paragraph FOURTH of the decedent's Will.

To ELLEN BUCKLEY, granddaughter of decedent, the sum of  
\$500.00, in accordance with Paragraph FOURTH of the decedent's Will.

1 To ROBERT C. OVERSTREET, grandson of decedent, the sum  
2 of \$500.00, in accordance with Paragraph FOURTH of the decedent's Will.

3 To CARLEEN J. OVERSTREET, granddaughter of decedent, the  
4 sum of \$500.00, in accordance with Paragraph FOURTH of the decedent's Will.

5 To ARLIN HENDRIX, grandson of decedent, the sum of \$500.00,  
6 in accordance with Paragraph FOURTH of the decedent's Will.

7 To EDWIN HENDRIX, grandson of decedent, the sum of \$500.00,  
8 in accordance with Paragraph FOURTH of the decedent's Will.

9 To NORTHWEST CHRISTIAN COLLEGE, in Eugene, Oregon, the  
10 sum of \$1,000.00, in accordance with Paragraph FOURTH of the decedent's Will.

11 To HARDING COLLEGE, in Searcy, Arkansas, the sum of \$2,000.00,  
12 in accordance with Paragraph FOURTH of the decedent's Will.

13 To WILMA BUCKLEY, daughter-in-law of decedent, the following  
14 property, in accordance with the Second Codicil to the decedent's Will:

15 A. One China Cabinet

16 B. An undivided 1/2 interest in one 2-piece bedroom set

17 To MARTHA BUCKLEY, daughter-in-law of decedent, one Singer  
18 Sewing Machine, in accordance with the Second Codicil to the decedent's Will.

19 To BILLIE HILL, stepgrandson of decedent, an undivided 1/2 interest  
20 in one Ivers and Pond Piano, in accordance with the Second Codicil to the  
21 decedent's Will.

22 To PAM HILL, wife of stepgrandson of decedent, an undivided 1/2  
23 interest in one Ivers and Pond Piano, in accordance with the Second Codicil to  
24 the decedent's Will.

25 To PAUL HENDRIX, son-in-law of decedent, an undivided 1/2  
26 interest in one 3-piece bedroom set, in accordance with the Second Codicil to



1 the decedent's Will.

2 The rest and residue of the estate on hand for distribution  
3 consists of the following property:

4 A. Cash on hand, after deducting the bequests, totaling  
5 \$11,500.00, and \$30.00 for closing costs, in the  
sum of \$13,388.29.

6 B. Real property situated in the County of Madera,  
7 State of California, more particularly described as:

8 PARCEL ONE: Lot two (2) of the Southwest quarter  
9 (SW $\frac{1}{4}$ ), being the fractional West half of the Southwest  
10 quarter (W $\frac{1}{2}$  of SW $\frac{1}{4}$ ) of Section Eighteen (18), Township  
Ten (10) South, Range Seventeen (17) East, M. D. B. & M.  
11 containing 95.71 acres, according to United States  
Government Plats,  
(Assessor's Parcel No. 029-030-002)

12 PARCEL TWO: All that portion of Section 5 lying west  
13 of the Raymond Road and all that portion of Section 6,  
14 lying north and east of the Atchison, Topeka and Santa  
Fe Railroad Right of Way, all in Township 11 South,  
Range 18 East, M. D. B. & M.

15 EXCEPTING from said Section 6 that portion granted to  
16 the County of Madera in deed dated March 21, 1967 and  
17 recorded April 19, 1967 in Vol. 987 of Official Records  
page 66, Document #6488 Madera County Records,  
described as follows:

18 The West 58 feet of said Section 6, from the AT&SF  
19 Railroad right-of-way north 404.80 feet along the section  
line including access rights; also the west 40 feet of the  
North 971.90 feet of said Section 6.

20 Containing 793.45 acres, more or less.  
(Assessor's Parcel Nos. 031-222-001 & 031-221-001)

21 C. An undivided one-half (1/2) interest in the mineral  
22 rights in and to the following real property situated in  
23 the County of Madera, State of California:

24 The southwest quarter of southeast quarter  
25 (SW $\frac{1}{4}$  of SE $\frac{1}{4}$ ) of Section fifteen (15), Township  
26 ten (10) South, Range seventeen (17) East,  
Mt. D. B. & M., exclusive of the A. T. & S. F.  
Railroad Company's right-of-way. Reserving a  
30 feet strip of land along the south line of and  
with in above described tract of land for use as a  
right of way and easement for a public road.

- 1 D. Residue of household furniture and furnishings.
- 2 E. Balance due on Note, dated March 25, 1974, in the
- 3 original amount of \$66,400.00, executed by Paul
- 4 Paul and Ronald Paul, payable to Haskell T. Buckley,
- 5 Executor of the Estate of Bevely Buckley, Deceased,
- 6 payable in ten (10) equal annual payments, plus
- 7 interest on the unpaid balance at the rate of 8% per
- 8 annum, with such annual payment due every March
- 9 25th. Unpaid balance, \$53,120.00.
- 10 F. 650 shares FEDERAL LAND BANK OF BERKELEY
- 11 (purchased in connection with loan of \$65,000.00,
- 12 at \$5 per share)
- 13 10. That the distribution of Parcel Two of the foregoing real
- 14 property to HALLIDAY T. BUCKLEY and to HASKELL T. BUCKLEY,
- 15 individually, and as Trustee of the Testamentary Trust established for
- 16 MILDRED A. OVERSTREET, and as Trustee of the Testamentary Trust
- 17 established for ALICE LAVERN HENDRIX, each as to an undivided 1/4
- 18 interest therein, is subject to the Deed of Trust executed on said real
- 19 property to the Federal Land Bank, securing a loan of \$65,000.00, which said
- 20 loan is the obligation of said distributees.
- 21 11. Any other property of the estate not now known or discovered
- 22 that may belong to the estate or in which the decedent or the estate may have
- 23 any interest shall be distributed as follows:
- 24 To HASKELL T. BUCKLEY, one-fourth thereof;
- 25 To HALLIDAY T. BUCKLEY, one-fourth thereof;
- 26 To HASKELL T. BUCKLEY, as Trustee of the Testamentary Trust
- under the Will of Bevely Buckley for MILDRED A. OVERSTREET, one-fourth
- thereof; and
- To HASKELL T. BUCKLEY, as Trustee of the Testamentary Trust
- under the Will of Bevely Buckley for ALICE LAVERN HENDRIX, one-fourth

LAW OFFICE OF  
 SHERWOOD &  
 DENLOW GREEN  
 219 SOUTH B STREET  
 MADIRA, CALIF. 94557  
 674-6666

No. 08353  
 MAY 25 1976



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thereof.

DATED: May 24, 1976.

JACK L. HAMMERBERG  
JUDGE OF THE SUPERIOR COURT

THE FOREGOING INSTRUMENT IS A CORRECT COPY OF  
THE ORIGINAL ON FILE IN THIS OFFICE

ATTEST *May 24 1976*  
EVELYN C. BRANSTETTER

COUNTY CLERK  
IN AND FOR THE STATE OF MICHIGAN  
BY *[Signature]* DEPUTY

LAB OFFICE OF  
SHERWOOD &  
DENLOW GREEN  
519 SOUTH G STREET  
ANN ARBOR, MICH. 48107  
874-3888

No 08353  
MAY 25 1976

RECORDING REQUESTED BY  
CHICAGO TITLE COMPANY  
AND WHEN RECORDED MAIL TO

KEVIN HERMAN  
17035 Road 26 #D  
Madera, CA 93638

REBECCA MARTINEZ  
Madera County Recorder  
Recorded at the request of  
Chicago Title

JEMO  
2/14/2003  
8:00:00

DOCUMENT: 2003006123



\*2003006123\*

Titles: 1/ Pages: 3

Fees 13 00  
Taxes 3.396 25 C  
Other 0 00  
ANT PAID \$3.409 25

Escrow No. 174687 - 20  
Order No. 174687 -

SPACE ABOVE THIS LINE FOR RECORDER'S USE

5010520

GRANT DEED

APN No. 031-222-001  
031-221-001

THE UNDERSIGNED GRANTOR(S) DECLARE(S)

DOCUMENTARY TRANSFER TAXES \$ 3,396.25\*\*\* *pd*

unincorporated area  City of

computed on the full value of the interest or property conveyed, or is

computed on the full value less the value of liens or encumbrances remaining at time of sale, and

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,  
JOHN HANCOCK LIFE INSURANCE COMPANY, A MASSACHUSETTS CORPORATION

hereby GRANT(S) to KEVIN L. HERMAN AD DIANE P. HERMAN, husband and wife,  
as Joint Tenants.

the following described real property in the  
County of Madera, State of California:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF FOR REFERENCE

Dated January 8, 2003

JOHN HANCOCK LIFE INSURANCE COMPANY  
BY: HANCOCK NATURAL RESOURCE GROUP, INC.  
ITS INVESTMENT MANAGER

STATE OF ~~CALIFORNIA~~ MASSACHUSETTS

COUNTY OF SUFFOLK | SS

On February 11, 2003 before me,

Maria L. DeAndrade

a Notary Public in and for said County and State, personally appeared  
Kevin J. McWilliams

By: *Kevin J. McWilliams*  
Kevin J. McWilliams  
Assistant Treasurer

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

*Maria L. DeAndrade*  
Signature of Notary

7-13-03  
Date My Commission Expires

FOR NOTARY SEAL OR STAMP

MAIL ANY STATEMENTS TO PARTY SHOWN ON FOLLOWING LINE: IF NO PARTY SO SHOWN, MAIL AS DIRECTED ABOVE

Name Street Address City, State & Zip

001 -05/06/01

*Vesting  
Deed  
&  
is  
legal*

EXHIBIT "A"

Unincorporated area

PARCEL NO. 1:

All that portion of Section 6, Township 11 South, Range 18 East, Mount Diablo Base and Meridian, according to the official plat thereof, lying North and East of the Atchison Topeka and Santa Fe Railroad right-of-way.

EXCEPTING THEREFROM that portion granted to the County of Madera in Deed dated March 21, 1967 and recorded April 19, 1967 in Book 967 of Official Records of Madera County, at page 66, described as follows:

The West 58 feet of said Section 6 from the AT & SP Railroad right-of-way North 404.80 feet along the Section line, including access right; also, the West 40 feet of the North 971.90 feet of said Section 6.

ALSO EXCEPTING THEREFROM an undivided 25% interest in all oil, gas, minerals and other hydrocarbon substances in and under said lands, together with the right at all times to enter on the above-described lands to remove all oil, gas, minerals and other hydrocarbon substances as reserved by Haskell T. Buckley, a married man dealing with his separate property; Halliday T. Buckley, a married man dealing with his separate property; Haskell T. Buckley, trustee of the trust created by last will and testament of Bevley Buckley, deceased, for the benefit of Alice Lavern Hendrix and Haskell T. Buckley, trustee of the trust created by last will and testament of Bevley Buckley, deceased, for the benefit of Mildred A. Overstreet, all of which trust was incorporated in the Decree of Distribution had in the matter of the Estate of Bevley Buckley, deceased, a certified copy of which Decree was recorded May 25, 1976 in Book 1273 of Official Records of Madera County at pages 3 through 17, inclusive.

APN: 031-221-001

PARCEL NO. 2:

All that portion of Section 5, Township 11 South, Range 18 East, Mount Diablo Base and Meridian, according to the official plat thereof, lying West of Raymond Road, being also known as Road 28 1/2.

EXCEPTING THEREFROM an undivided 25% interest in all oil, gas, minerals and other hydrocarbon substances in and under said lands, together with the right at all times to enter upon the above-described lands to remove all oil, gas, minerals and other hydrocarbon substances; as reserved by Haskell T. Buckley, a married man dealing with his separate property; Halliday T. Buckley, a married man dealing with his separate property; Haskell T. Buckley, trustee of the trust created by last will and testament of Bevley Buckley, deceased, for the benefit of Alice Lavern Hendrix and Haskell T. Buckley, trustee of the trust created by last will and testament of Bevley Buckley, deceased, for the benefit of Mildred A. Overstreet, all of which trust was incorporated in the Decree of Distribution had in the matter of the Estate of Bevley Buckley, deceased, a certified copy of which Decree was recorded May 25, 1976 in Book 1273 of Official Records of Madera County at pages 3 through 17, inclusive.

APN: 031-222-001

EXCEPTING AND RESERVING unto the Grantor hereof, its successors and assigns, all right, title and interest in and to any and all of the remaining oil, gas and minerals, of every kind and nature, if any there be, now or hereafter lying in and under, and that may be produced from, all of the above described real estate, together with the right to reduce the same to possession, rights of ingress and egress and all rights incident to the development, production, conservation and transportation thereof, forever.

NOTARY SEAL CLARIFICATION PAGE.

GOVERNMENT CODE 27361.7

I CERTIFY UNDER PENALTY OF PERJURY THAT THE "NOTARY SEAL" ON THE DOCUMENT TO WHICH THIS STATEMENT IS ATTACHED READS AS FOLLOWS:

NAME OF NOTARY: Maria J. McWilliams

DATE COMMISSION EXPIRES: 9-18-03

PLACE OF EXECUTION: Suffolk County

DATE: 2/11/03

XXXXXXXX - ETC

4030.

D E E D.

No. 17813

---o---

This deed is made in pursuance of the following resolutions, adopted by the Board of Directors of the party of the first part on the 17th day of February 1912, and which resolutions are now in full force and effect viz:-

"Resolved, that the President and Vice President of this Corporation be, and each of said officers is, hereby authorized, for this corporation in its name, as its act and under its seal, to sell, agree to sell, lease, mortgage, and in every way dispose of any and all of the real and personal property belonging to and owned by this corporation, and in which it has any interest, and also of any property real or personal that may at any time hereafter be owned or possessed by it all of such acts to be at the discretion of said officers, or either of them as to prices, terms and conditions. And said President and Vice President are and each of them is authorized for this corporation in its name, as its act and under its seal, to make, execute and deliver any and all contracts leases, mortgages, grant deeds and other instruments in writing that are, or may be, required to sell, grant, convey, lease or mortgage the real and personal property of this corporation or that may be required to carry into effect the power hereby granted to and vested in them and both of them.

" It is further resolved, that the authority hereby conferred upon said President and Vice President shall be a continuing one."

State of California ) ss.,  
County of Madera )

For and in consideration \$152.50 Madera Realty Company, ( a corporation) of Madera County Madera, State of California do hereby grant to the county of Madera, the right of way and incidents thereto for a public highway all the following described

#3

real estate situated in Road District No. 3 of the County of Madera, and State of California described as follows, to wit:-

A parcel of land 50 ft. wide passing through and over the center of Sec. 5 T.11. S.R.18 E. M.D.B & M. from the S. boundary of said Sec. 5 N'ly to the N. boundary thereof containing 6.10 acres more or less, the foregoing described land being included in the Survey of said road.

It is expressly understood and agreed that should said County of Madera, at any time cease to use said land for the purpose of a public thoroughfare that the right to the exclusive use and the possession thereof shall thereupon immediately revert to the undersigned heirs executors or assigns and the right of way hereby granted together with the incidents thereto, shall immediately ceased and determine.

Witness my hand this 6th day of March 1912.

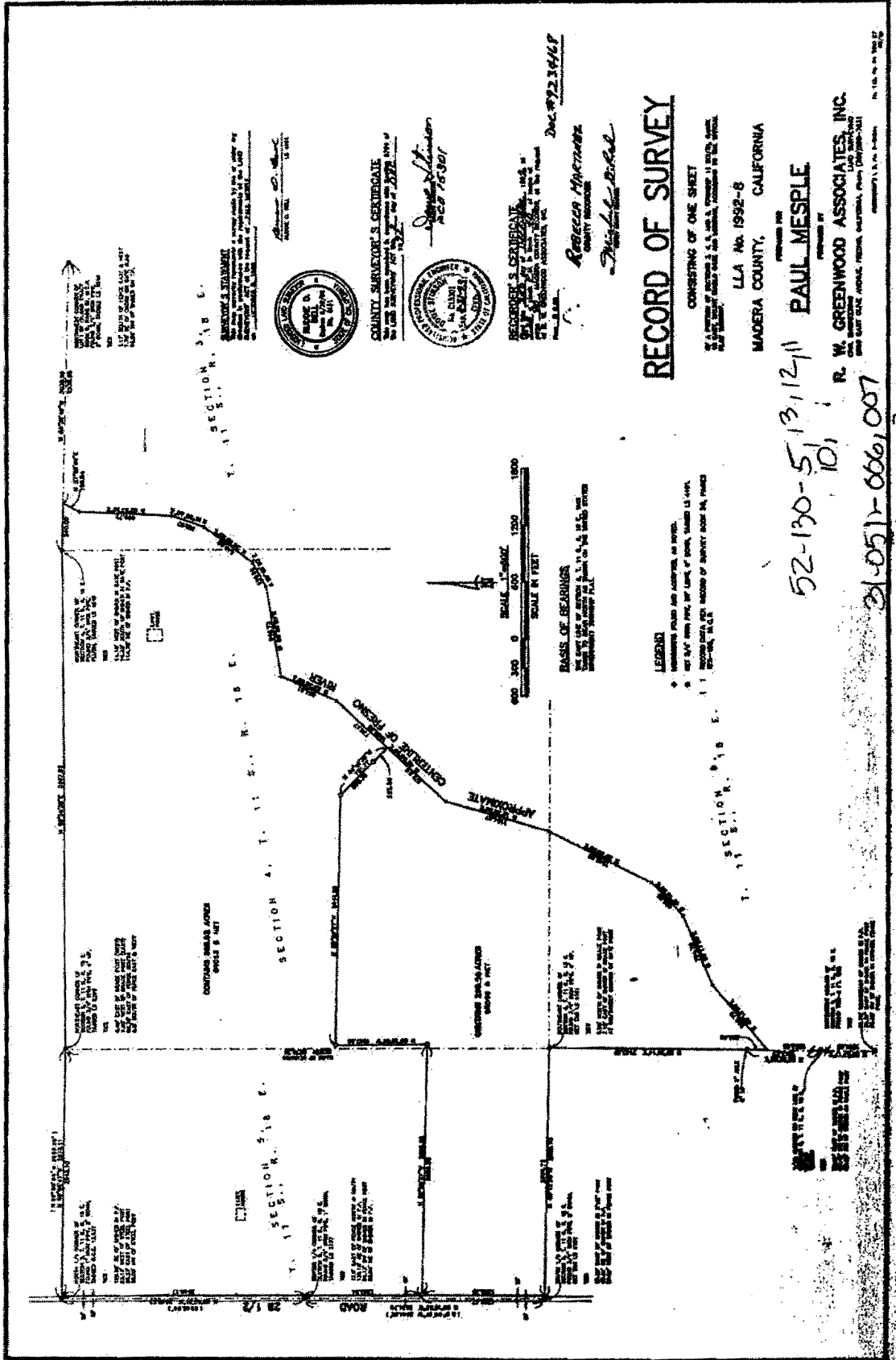
(Corporate Seal).

Madera Realty Co. (Seal)

By N. Rosenthal President (Seal)

Acknowledged in due form Mar. 6, 1912 before E.M. McCardle Notary public, Madera County, California, by N. Rosenthal as President of the Madera Realty Co a corporation.

Recorded July 8, 1912 in Book " 59 " of Deeds page " 263 "  
Madera County records at 10:12 A.M.



**RECORD OF SURVEY**

CONSISTING OF ONE SHEET  
 IN THE COUNTY OF MADERA, CALIFORNIA, COMMENCED BY THE SURVEYOR

LLA No. 1992-8  
 MADERA COUNTY, CALIFORNIA

PAUL MESPLE

R. W. GREENWOOD ASSOCIATES, INC.  
 1000 EAST STATE AVENUE, MADERA, CALIFORNIA 93601



RECORD OF SURVEY  
 COUNTY SURVEYOR  
 MADERA COUNTY, CALIFORNIA  
 DATE: 02/23/1992

**LEGEND**  
 \* BOUNDARY MARKS AND MONUMENTS, AS SHOWN  
 \*\* 1/4" = 100' SCALE, FOR EACH OF SECTIONS 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

52-190-5, 13, 12, 11  
 10, 1  
 31-051-066, 007

7 ff

RECORDING REQUESTED BY  
AND MAILED TO:

NAME: BOARD OF SUPERVISORS

STREET: 209 West Yosemite Avenue

CITY: Madera

FILE # 99057

REBECCA MARTINEZ  
Madera County Recorder  
Recorded at the request of  
**Board of Supervisors**

MRED  
12/21/1999  
14:12:14

DOCUMENT: **99034641**



99034641

Titles: 1/ Pages: 4

Fees 0 00

Taxes 0 00

Other 0 00

AMT PAID \$0 00

MADERA COUNTY CONTRACT NO. 6324-C-99  
AGRICULTURAL PRESERVE

(TITLE OF DOCUMENT)

This page added to provide adequate space for recording information  
(Additional recording fee applies)



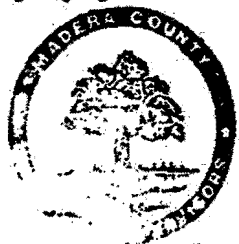
MADERA COUNTY CONTRACT NO. 6324-L-99  
(Agricultural Preserve)

THIS CONTRACT is executed this 14 day of December, 1999 by  
and between the COUNTY OF MADERA, a political subdivision of the State of  
California, hereinafter referred to as "COUNTY", and JOHN HANCOCK MUTUAL LIFE  
INSURANCE COMPANY hereinafter referred to as "OWNER(S)".

The parties hereto agree that this Contract affects land described as assessor's  
parcel number(s): 031-221-001 and 031-222-001 which is shown on a map entitled  
"2000 Agricultural Preserves," recorded on December 16, 1999 in the office of the  
Madera County Recorder at Document Number 99034/99, as Preserve No.  
1568.

The parties hereto also agree that the "FICTITIOUS AGRICULTURAL  
PRESERVE CONTRACT," recorded on June 3, 1998, in the office of the Madera  
County Recorder as Document No. 9815444, is incorporated by this reference, as  
though fully set forth herein.

The foregoing Agreement is executed on the date and year first above written.



COUNTY OF MADERA

[Signature]  
Chairperson, Board of Supervisors

ATTEST:  
[Signature]  
Clerk, Board of Supervisors

JOHN HANCOCK MUTUAL LIFE  
INSURANCE COMPANY

By [Signature]  
JOSEPH P. SILVEIRA, President

COUNTY COUNSEL  
MADERA COUNTY

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

No. 9007

State of CALIFORNIA

County of STANISLAUS

On OCTOBER 19, 1999 before me, DOROTHY LUIZ, NOTARY PUBLIC  
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared JOSEPH P. SILVEIRA  
NAME(S) OF SIGNER(S)

personally known to me - OR -  proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

*Dorothy Luiz*  
SIGNATURE OF NOTARY

**OPTIONAL**

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

**CAPACITY CLAIMED BY SIGNER**

- INDIVIDUAL
- CORPORATE OFFICER  
PRESIDENT  
TITLE(S)
- PARTNER(S)       LIMITED  
                                   GENERAL
- ATTORNEY-IN-FACT
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER: \_\_\_\_\_

**DESCRIPTION OF ATTACHED DOCUMENT**

AGRICULTURAL PRESERVE CONTRACT  
TITLE OR TYPE OF DOCUMENT

ONE  
NUMBER OF PAGES

\_\_\_\_\_  
DATE OF DOCUMENT

\_\_\_\_\_  
SIGNER(S) OTHER THAN NAMED ABOVE

**SIGNER IS REPRESENTING:**  
NAME OF PERSON(S) OR ENTITY(ES)  
JOHN HANCOCK MUTUAL LIFE INS. CO.

**ALL-PURPOSE ACKNOWLEDGMENT**

10-28

State of California  
County of Madera

On 12/14/99 before me, Bonnie Holiday  
DATE NAME, TITLE OF OFFICER - E.G., "Notary Public"

personally appeared Gail Hanhart McIntyre  
NAME(S) OF SIGNER(S)

personally known to me - OR -  proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Witness my hand and official seal.  
*Bonnie Holiday*  
SIGNATURE OF NOTARY

**CAPACITY CLAIMED BY SIGNER**

- INDIVIDUAL(S)
- CORPORATE OFFICER(S) TITLE(S)
- PARTNER(S)
- ATTORNEY-IN-FACT
- TRUSTEE(S)
- SUBSCRIBING WITNESS
- GUARDIAN/CONSERVATOR
- OTHER: Chairperson  
Bd of Supervisors

**SIGNER IS REPRESENTING:**  
NAME OF PERSON OR ENTITY(ES)

ATTENTION NOTARY: Although the information requested below is OPTIONAL, it could prevent immediate attachment of this certificate to unrecorded document.

**THIS CERTIFICATE  
MUST BE ATTACHED  
TO THE DOCUMENT  
DESCRIBED AT RIGHT:**

Title or Type of Document Williams Act Agreement  
Number of Pages 4 Date of Document 12/14/99  
Signer(s) Other Than Named Above \_\_\_\_\_

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**RECORDING REQUESTED BY  
AND MAILED TO:**

NAME: BOARD OF SUPERVISORS  
STREET: 209 W. Yosemite Avenue  
CITY: Madera, CA 93637  
FILE # 05141

Recorded in Official Records, Madera County  
**REBECCA MARTINEZ**  
Madera County Recorder  
BOS Board of Supervisors

10/06/2005  
3:00 PM  
1

Doc#: **2005048054**

Titles: 1 Pages: 3



Fees	0.00
Taxes	0.00
Other	0.00
PAID	\$0.00

**OWNER'S NOTICE OF NONRENEWAL OF LAND CONSERVATION CONTRACT**

FOR  
KEVIN AND DIANE HERMAN

#7

This page added to provide adequate space for recording information  
(Additional recording fee applies)

FILED

OWNER'S NOTICE OF NONRENEWAL OF LAND CONSERVATION CONTRACT<sup>6</sup>

MADERA COUNTY BOARD OF SUPERVISORS

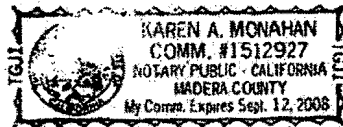
NOTICE IS HEREBY GIVEN by "OWNER" that the Land Conservation Contract Number 6324-C-99 by and between

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY and the County of Madera, recorded on DECEMBER 21, 1999, as Document Number 99-034641, in Book \_\_\_\_\_, Page \_\_\_\_\_ of the Office Records of Madera County, California, and concerning Assessor's Parcel Number(s) 031-221-001 or 031-222-001 and Agricultural Preserve Number 156B, IS NOT TO BE RENEWED.

SEE EXHIBIT "A" ATTACHED

OWNERS:

Kevin Herman Kevin Herman  
Diane Herman Diane Herman



Mailing Address:

17035 Road 26 RD

Madera CA 93638  
# 559-661-8253

ALL-PURPOSE ACKNOWLEDGEMENT

State of California  
County of Madera

on Sept 23 2005 before me Karen A. Monahan Notary Public  
personally appeared Kevin Herman & Diane Herman

personally known to me -OR-  proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) were subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal,  
Karen A. Monahan  
Notary Public

CAPACITY CLAIMED BY SIGNER:  
 INDIVIDUAL(S)  
 CORPORATE  
 OFFICER(S)  
 PARTNER(S)  
 ATTORNEYS-IN-FACT  
 TRUSTEE(S)  
 SUBSCRIBING WITNESS  
 GUARDIAN/CONSERVATOR  
 OTHER: \_\_\_\_\_

SIGNER IS REPRESENTING: \_\_\_\_\_



ATTENTION NOTARY: Although the information furnished below is OPTIONAL, it could prevent fraudulent alteration of this certificate to unauthorized documents.

THIS CERTIFICATE MUST BE ATTACHED TO THE DOCUMENT DESCRIBED AT RIGHT:

Title or Type of Document \_\_\_\_\_  
Number of Pages \_\_\_\_\_  
Date of Document \_\_\_\_\_  
Signer(s) Other Than Named Above \_\_\_\_\_

EXHIBIT A  
TO NOTICE OF PARTIAL NONRENEWAL OF  
LAND CONSERVATION CONTRACT

(CONTRACT NO. 10324-C-99, AGRICULTURAL PRESERVE NO. 1568)

The following parcels are "nonrenewed":

Assessor's Parcel Numbers: 031-221-001 & 031-222-001

---

The following parcels are renewed:

Assessor's Parcel Numbers: \_\_\_\_\_

---

**Chicago Title**  
RECORDING REQUESTED BY:  
Fresno-Madera Federal Land Bank Association, FLCA  
Escrow No. 1746987-BS  
AND WHEN RECORDED MAIL TO:

REBECCA MARTINEZ  
Madera County Recorder  
Recorded at the request of  
**Chicago Title**

JENO  
2/14/2003  
8:00:00

Fresno-Madera Farm Credit, ACA  
P.O. Box 13069  
Fresno, California 93794-3069

Loan No. 6002863001

5610570

DOCUMENT: 2003006124



2003006124

Titles: 3/ Pages: 20

Fees	78.00
Taxes	0.00
Other	0.00
AMT PAID	\$78.00

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**DEED OF TRUST AND FIXTURE FILING  
WITH ASSIGNMENT OF RENTS AND PROCEEDS, LEASES AND  
AGREEMENTS**

THIS DEED OF TRUST AND FIXTURE FILING WITH ASSIGNMENT OF RENTS AND PROCEEDS, LEASES AND AGREEMENTS (this "Deed of Trust") is made as of February 5, 2003 by Kevin L. Herman and Diane P. Herman, husband and wife having a mailing address at 17035 Road 26, Suite D, Madera, CA 93638 as Trustor, and Fresno-Madera Federal Land Bank Association, FLCA, a corporation existing and operating under the Farm Credit Act of 1971, as amended, having offices in Fresno, California as Trustee and Beneficiary.

**WITNESSETH:**

TRUSTOR HEREBY IRREVOCABLY GRANTS, TRANSFERS, CONVEYS AND ASSIGNS TO TRUSTEE, IN TRUST, WITH POWER OF SALE, all of Trustor's right, title and interest now owned or hereafter acquired in and to the following property, all of which is hereinafter collectively defined as the "Real Property Collateral": (i) that certain real property located in the County of Madera, California as more particularly described on Exhibit A attached hereto and incorporated herein by reference (the "Land"); (ii) all appurtenances, easements, rights and privileges thereof or thereto, including all minerals, oil, gas and other hydrocarbon substances thereon, therein, or thereunder, air rights, water and Water Rights (as defined below) in or hereafter relating to or used in connection with the Land, all development rights, and any land lying in the streets, roads or avenues adjoining the Land or any part thereof; (iii) all Improvements and Fixtures (as defined below), whether now or hereafter placed on or attached in any manner to the Land, being hereby declared to be for all purposes of this Deed of Trust a part of the Land; (iv) all Easement Agreements (as defined below) and all other rights of ingress, egress, reciprocal agreements and other appurtenances relating to the Land; (v) all Leases (as defined below); and (vi) all Rents and Proceeds (as defined below), whether by sale or otherwise.

FOR THE PURPOSE OF SECURING, in such order of priority as Beneficiary may determine: (i) payment of the Indebtedness (as defined below); and (ii) payment (with interest as provided) and performance by Trustor of the Secured Obligations (as defined below).

**ARTICLE I  
DEFINITIONS**

As used in this Deed of Trust, the following terms shall have the following meanings. Any defined term used in the plural shall refer to all members of the relevant class, and any defined term used in the singular shall refer to any one or more of the members of the relevant class.

Agreements. As defined in Paragraph 8.2 hereof.

Costs. As defined in Paragraph 9.21 hereof.

Default Rate. As Defined in the Note (as defined below).

Page 1 of 17

W:\COMMON\LEGAL\documents\PLB\Herman, Kevin\2003 Purchase\DOT\_Herman Kevin2003.doc  
Rev Date 06/11/02

**Easement Agreements.** Any and all ingress or egress easements or agreements, reciprocal easements, rights, rights of way, or operating agreements or other appurtenances, easements or real property rights or interests relating to the Land, whether now owned or hereafter acquired.

**Event of Default.** As defined in Paragraph 6.1 hereof and in the Note.

**Guaranty.** Any guaranty given by any person or entity as additional security for payment of the Indebtedness or performance of any of the other Secured Obligations.

**Hazardous Materials.** Any: (i) oil, petroleum products, flammable substances, explosives, radioactive materials, hazardous wastes or substances, toxic wastes or substances or any other wastes, materials or pollutants which (A) pose a hazard to the Land or to persons on or about the Land, or (B) cause the Land to be in violation of any Hazardous Materials Laws; (ii) asbestos in any form, urea formaldehyde foam insulation, transformers or other equipment which contain dielectric fluid containing levels of polychlorinated biphenyls, or radon gas; (iii) chemical, material or substance defined as or included in the definition of "hazardous substances", "hazardous wastes", "hazardous materials", "extremely hazardous waste", "restricted hazardous waste", or "toxic substances" or words of similar import under any Hazardous Materials Laws (as defined below); and/or (iv) other chemical, material or substance, exposure to which is prohibited, limited or regulated by any governmental authority or may or could pose a hazard to the health and safety of the occupants of the Land or the owners and/or occupants of property adjacent to or surrounding the Land, or any other Person coming upon the Land or adjacent property.

**Hazardous Materials Claims.** Any and all enforcement, cleanup, removal, remedial or other governmental or regulatory actions, agreements or orders threatened, instituted or completed pursuant to any Hazardous Materials Laws (as defined below), together with any and all claims made or threatened by any third party against Trustor, Beneficiary or the Land relating to any Hazardous Materials.

**Hazardous Materials Laws.** Any federal, state or local laws, ordinances, regulations or policies relating to the environment, health and safety, and/or Hazardous Materials (including, without limitation, the use, handling, transportation, production, disposal, discharge or storage thereof) or to industrial hygiene or the environmental conditions on, under or about the Land, including, without limitation, soil, groundwater and indoor and ambient air conditions.

**Impositions.** All real estate and personal property and other taxes and assessments including irrigation, water storage and drainage district or company assessments, and any and all other charges, expenses, payments, claims, mechanics' or material suppliers' liens or assessments of any nature that at any time prior to or after the execution of the Loan Documents may be assessed, levied, imposed, or become a lien upon the Real Property Collateral or the rent or income received therefrom, or any use or occupancy thereof.

**Improvements and Fixtures.** Any and all property located on or affixed (permanently or otherwise) to the Land and so related to the Land that an interest in such property arises under applicable real estate or real property law, including without limitation any and all: (i) buildings, houses, barns, sheds, warehouses, storage facilities, mobile homes, and other buildings now or hereafter located on the Land ("Buildings"); (ii) roads, bridges, canals, ditches, dams, dikes, headgates, standpipes, paved areas, storage areas, airstrips, and reservoirs now or hereafter located on the Land; (iii) enclosures of the Land or any part thereof, including, without limitation, fences, corrals, pens, gates, shafts, posts, poles, barbed wire and electric wire now or hereafter located on the Land; (iv) trees, vines and other permanent plantings, whether mature or immature, now or hereafter growing on the Land, together with all trellises, wires, endposts, cross arms, supports, and stakes relating thereto; (v) irrigation wells, pumps, motors and related equipment, and irrigation and drainage equipment now or hereafter located on or used in connection with the Land, including without limitation wells, pumps, motors, engines, gearheads, sprinklers, drip irrigation systems, tow lines, hand lines, irrigation pipe, drainage pipe, culverts and well casings, and also including that property described in one or more exhibits if any that are attached hereto and incorporated herein by reference; (vi) crop protection equipment and apparatus now or hereafter located on or used in connection with the Land, including without limitation frost protection equipment and wind machines; (vii) electric, gas and water lines and equipment now or hereafter located on the Land, including without limitation, transformers, circuit breakers, switch boxes, fuse and breaker panels, regulators, cut on/off valves, wiring and pipe, and (viii) additions, attachments and accessions to, and modifications, substitutions and replacements of, any of the foregoing.

**Indebtedness.** All amounts now or hereafter due and payable from Trustor to Beneficiary evidenced or secured by the Loan Documents, plus interest on all such amounts as provided in the Loan Documents, including without limitation: (i) the indebtedness evidenced by the Note (including, without limitation, any Prepayment Premium (as defined below) that may become due thereunder), together with all interest accrued thereon as provided in the Note; (ii) the payment of such additional loans or advances, including advances under a revolving line of credit, with interest thereon, as hereafter may be made to Trustor, or Trustor's successors or assigns, evidenced by a promissory note, guaranty or otherwise; PROVIDED HOWEVER, THAT, such additional loans or advances shall be secured by this Deed of Trust only if the promissory note, guaranty, or other document evidencing such loans or advances



shall recite that it is to be secured by this Deed of Trust and (in the case of non-obligatory additional advances only) either a Notice of Additional Advance or an Amendment to this Deed of Trust is properly recorded; (iii) the payment of any substitute notes, replacements, renewals, re-amortizations, conversion agreements, amendments and extensions of all indebtedness secured by this Deed of Trust; (iv) the performance of every obligation and agreement of Trustor whether contained or incorporated by reference in this Deed of Trust, or contained in any Loan Document or Guaranty executed by any Trustor in favor of Beneficiary, with respect to any Loan Document or any Secured Obligation (as defined below); and (v) the payment of all sums expended or advanced by Beneficiary under or pursuant to the terms of this Deed of Trust, together with interest thereon as herein provided.

**Land.** As defined in the granting paragraph of this Deed of Trust above.

**Laws and Restrictions.** All laws, regulations, orders, codes, ordinances, rules, statutes and policies, restrictive covenants and other title encumbrances, permits and approvals, Leases and other rental agreements, relating to the development, occupancy, ownership, management, use, and/or operation of the Real Property Collateral or otherwise affecting the Real Property Collateral or Trustor.

**Leases.** Any and all existing and future leases, subleases, rental agreements, occupancy agreements, licenses, subtenancies, occupancy agreements and concessions, and all guarantees thereof, relating to the use and enjoyment of all or any part of the Real Property Collateral and/or the Improvements and Fixtures.

**Loan.** The loan from Beneficiary to Trustor evidenced by the Note.

**Loan Agreement.** That certain agreement or agreements between Beneficiary and Trustor concerning the terms of the Loan as it may be amended, modified, extended or restated from time to time.

**Loan Documents.** The Note, this Deed of Trust, the Loan Agreement, any Guaranty and all other documents evidencing, securing or relating to the Loan, the payment of the Indebtedness or the performance of the Secured Obligations.

**Material Adverse Change.** Any material and adverse change in (i) the financial condition of Trustor, or any Person who signs a Guaranty; or (ii) the condition or operation of the Real Property Collateral.

**Note.** The Promissory Note of even date herewith executed by Trustor in the original principal amount of Two Million One Hundred Twenty Thousand and No/100 Dollars (\$2,120,000.00), payable to Beneficiary or its order, and all modifications, renewals, replacements, amendments or extensions thereof.

**Obligations.** Any and all of the covenants, promises and other obligations (including the Indebtedness) made or owing by Trustor to or due to Beneficiary as provided in the Loan Documents and all of the material covenants, promises and other obligations made or owing by Trustor to any other Person relating to the Real Property Collateral.

**Permitted Exceptions.** All of those exceptions to title to the Real Property Collateral that Beneficiary has agreed in writing may remain of record with a higher priority than the lien created by this Deed of Trust and which may be set forth in Schedule B, Part I of the title insurance policy issued in favor of Beneficiary that insures the priority of this Deed of Trust if Beneficiary has required the issuance of a policy of title insurance as a condition to making the Loan, or if not, then those exceptions and encumbrances to title to the Real Property Collateral that have been approved by Beneficiary in writing.

**Person.** Any natural person, corporation, firm, partnership, limited liability company, trust, association, government, governmental agency or any other entity, whether acting in an individual, fiduciary or other capacity.

**Prepayment Premium.** As defined in the Note.

**Principal Party.** Any Trustor, any general partner of a Trustor that is a partnership, any member of a Trustor that is a limited liability company, any parent company of any Trustor that is a corporation, any parent company of any corporate general partner of a Trustor that is a partnership, any parent company of any corporate member of a Trustor that is a limited liability company, any parent limited liability company of any Trustor that is a corporation, any parent limited liability company of any corporate general partner of a Trustor that is a partnership, any parent company of any corporate member of a Trustor that is a limited liability company, any Person owning directly or indirectly any of the outstanding shares of a corporate Trustor or any parent company of such corporate Trustor, general partner, or member, any Person owning directly or indirectly any of the outstanding membership interests of a limited liability company Trustor or any parent limited liability company of such limited liability company Trustor, general partner, or member, any trustee or beneficiary with a direct or indirect beneficial interest in any Trustor or the Real Property Collateral, any maker of the Note or any guarantor of Trustor's obligations under the Loan Documents.

**Real Property Collateral.** As defined in the granting paragraph of this Deed of Trust above.

**Receiver.** Any trustee, receiver, custodian, fiscal agent, liquidator or similar officer with powers relating to any of the Real Property Collateral.

**Reclamation Law.** The Reclamation Act of 1902, the Omnibus Adjustment Act of 1926, the Reclamation Reform Act of 1982 and any act or law supplementary thereto, or any rule or regulation promulgated thereunder.

**Reclamation Property.** Any portion of the Land that is subject to Reclamation Law.

**Reclamation Water.** Irrigation water applied to Reclamation Property that is subject to Reclamation Law.

**Rents and Proceeds.** All rents, royalties, revenues, issues, profits, proceeds (including without limitation proceeds from the sale of all or any portion of the Real Property Collateral or any interest therein, and proceeds payable under any policy of insurance covering loss of rents or other income from the Real Property Collateral) and other income from the Real Property Collateral.

**Secured Obligations.** Any and all of the covenants, promises and other obligations (including the Indebtedness) made or owing by Trustor to or due to Beneficiary as provided in the Loan Documents, including any Guaranty of the Obligations or Indebtedness given by any Trustor.

**Transfer.** The occurrence of: (i) any sale, conveyance, lease, assignment, transfer, alienation, mortgage, conveyance of security title, encumbrance or other disposition of all or any part of the Real Property Collateral, of any kind, or any other transaction the result of which is, directly or indirectly, to divest Trustor of any portion of its title to the Real Property Collateral, voluntarily or involuntarily; (ii) any merger, consolidation or dissolution involving, or the sale or transfer of all or substantially all of the assets of, a Principal Party; (iii) the transfer (at one time or over any period of time) of ten percent (10%) or more of the beneficial interest in or of a Principal Party; (iv) the transfer of any general partnership interest in Trustor or in any partnership which is a direct or indirect general partner of Trustor; (v) the conversion of any general partnership interest in Trustor to a limited partnership interest; (vi) the transfer of any membership interest of any Limited Liability Company Trustor; or (vii) a Water Transfer (as defined below).

**Water Rights.** Trustor's right, title and interest in all water (including any water inventory in storage), water rights and entitlements, other rights to water and other rights to receive water or water rights of every kind or nature, including without limitation: (i) the groundwater on, under, pumped from or otherwise available to the Land, whether as a result of groundwater rights, contractual rights or otherwise; (ii) the right to remove and extract any such groundwater including any permits, rights or licenses granted by any governmental authority or agency and any rights granted or created by any easement, covenant, agreement or contract with any person or entity; (iii) any rights to which the Land is entitled with respect to surface water, whether such right is appropriative, riparian, prescriptive or otherwise and whether or not pursuant to permit or other governmental authorization, or the right to store any such water; (iv) any water, water right, water allocation, distribution right, delivery right, water storage right, or other water-related entitlement appurtenant or otherwise applicable to the Land by virtue of the Land's being situated within the boundaries of any district, agency, or other governmental entity or within the boundaries of any private water company, mutual water company, or other non-governmental entity; (v) any drainage rights appurtenant or otherwise applicable to the Land; (vi) all rights to transport, carry, allocate or otherwise deliver water or any of the foregoing rights from or to the Land by any means, wherever located; and (vii) any shares (or any rights under such shares) of any private water company, mutual water company, or other non-governmental entity pursuant to which Trustor or the Land may receive any of the rights referred to in (i) through (vi), above.

**Water Transfer.** Any transfer, assignment, sale, lease, exchange, gift, encumbrance, pledge, hypothecation, alienation, grant of option to purchase, or other disposition of, directly, indirectly or in trust, voluntarily or involuntarily, by operation of law or otherwise, or the entry into a binding agreement to do any of the foregoing with respect to all or any part of the Water Rights or any irrigation water produced on the Land or a portion thereof or any water to which the Land or a portion thereof or the owner of the Water Rights is entitled to receive delivery.

**ARTICLE 2**  
**REPRESENTATIONS AND WARRANTIES**

Trustor hereby makes the following representations and warranties to Beneficiary and Trustee as of the date of this Deed of Trust and as of the date of any subsequent disbursement pursuant to the Loan Documents.

2.1 Authorization and Validity. Trustor: (i) if a legal entity, is a property formed, and validly existing under the laws of the State of its formation and is duly qualified to do business in the State of California; (ii) is the lawful owner of the Real Property Collateral and holds good and marketable title to the Real Property Collateral free and clear of all defects, liens, encumbrances, easements, exceptions and assessments, except the Permitted Exceptions; (iii) has the power and authority to grant the Real Property Collateral as provided in and by this Deed of Trust, to own and/or occupy and operate the Real Property Collateral, and to execute and deliver, and perform the obligations under, the Loan Documents; (iv) is in compliance with all Laws and Restrictions; and (v) has authorized by all requisite action the execution, delivery and performance by Trustor of the Loan Documents and the borrowings evidenced by the Note, and such execution, delivery and performance will not violate any Laws and Restrictions or any agreement or other instrument.

2.2 Statements, Information and Litigation. All financial statements and other information given to Beneficiary with respect to the Real Property Collateral and/or Trustor are true, accurate, complete and correct and except as expressly noted to the contrary therein, have been prepared in accordance with generally accepted accounting principles consistently applied throughout the periods covered thereby. There has been no Material Adverse Change since the date of the most recent financial statement given to Beneficiary. There is not now pending against or affecting Trustor or the Real Property Collateral, nor to the best of Trustor's knowledge is there threatened, any action, suit or proceeding that might result in a Material Adverse Change.

2.3 Additional Representations and Warranties. (i) The Real Property Collateral is used principally or primarily for commercial agricultural purposes and is not a residential property or residential real property for purposes of California Civil Code Sections 2954.9, 2954.10 and 2954.11, and any residential use thereof is strictly incidental to such commercial agricultural purposes; (ii) all costs for labor and materials for the construction of the Fixtures and Improvements have been paid in full; (iii) Trustor is not aware of any assessment for public improvements which is pending and which could become a lien upon the Real Property Collateral; (iv) no event has occurred which with the giving of notice or the passage of time, or both, would constitute an Event of Default under any of the Loan Documents; (v) Trustor is not in default under any material agreement or instrument to which it is a party, which default would have a material and adverse effect on the Real Property Collateral or Trustor's ability to timely perform the Obligations; (vi) neither the Real Property Collateral, nor any part thereof, has sustained, incurred or suffered any material damage or destruction; (vii) subject to the Permitted Exceptions, the Personal Property Collateral and the Improvements and Fixtures are owned by Trustor free and clear of any liens, encumbrances, mortgages, security interests, claims and rights of others; (viii) the Real Property Collateral and the current use thereof complies with all Laws and Restrictions; (ix) Trustor has received no notices of violations of any Laws and Restrictions; (x) other than pursuant to the Leases and tenants of the residential buildings on the Land that have been disclosed to Beneficiary in writing, if any, there are no occupants or lessees that have or are entitled to possession of the Real Property Collateral or any part thereof; and (xi) no petition in bankruptcy, petition or answer seeking assignment for the benefit of creditors or appointment of a Receiver or similar proceeding with respect to any Principal Party has occurred or is contemplated.

2.4 FIRPTA Certification. Trustor declares and certifies, under penalty of perjury, that: (i) Trustor's Taxpayer Identification Number is as set forth in the Loan Documents; (ii) the business mailing address of Trustor is as set forth on page 1 hereof; (iii) Trustor is not a "foreign person" within the meaning of Sections 1445 and 7701 of the Internal Revenue Code of 1986, as amended (the "Code"); and (iv) Trustor understands that the information and certification contained or referenced in this Paragraph 2.4 may be disclosed to the Internal Revenue Service and that any false statement contained herein or therein could be punished by fine, imprisonment or both. Trustor agrees: (a) to provide Beneficiary with a new certification containing the provisions of this Paragraph 2.4 immediately upon any change in such information; and (b) upon any Transfer which is permitted by the terms of this Deed of Trust, to cause such transferee to execute and deliver to Beneficiary a certificate concerning the non-foreign status of such transferee substantially in the form of this Paragraph 2.4.

2.5 Water Rights.

(a) The Land has, and will continue to have, the continuing, enforceable right to receive irrigation water from such sources, in such quantities, and at such times and locations as is reasonably satisfactory for the purposes of farming, without interruption and in such quantities, and at such times and locations as has been historically available to the Land. Trustor has filed with the Department of Water Resources all notices and other documents required under the California Water Code in connection with the supply of water to and use of water upon the Land.

(b) Trustor represents and warrants to Beneficiary that if some of the water used in the irrigation and cultivation of crops on the Land is derived from wells located upon the Land then: (i) Trustor has filed with the Department of Water Resources all notices and other documents required under the California Water Code, if any, in connection with such wells; and (ii) to the best of Trustor's knowledge, all water drawn from such wells are derived from a ground water basin lying wholly beneath the Land.

(c) The rights of Trustor to share in the reasonable beneficial use of the natural flow of water passing any portion of the Land (together with all other rights to water located upon or supplied to such portion of the Land, the "Riparian Rights") have not been transferred by grant, contract, condemnation or otherwise. There has been no apportionment of the Riparian Rights with similar rights of any other Person. None of the Riparian Rights have been lost or impaired through, nor are the same threatened by loss due to, prescription, action of the California State Water Resources Control Board or otherwise. None of the Riparian Rights are subject to appropriative rights of any Person. The Riparian Rights are derived from water originating in the watershed supplying such Riparian Rights and no other watershed. Trustor has complied with all applicable Laws and Restrictions concerning the Riparian Rights including, without limitation, Part 5.1 of Division 2 of the Water Code of the State of California and any other Laws and Restrictions concerning the diversion of surface water.

(d) None of the Land is Reclamation Property and none of the water used on any portion of the Land is Reclamation Water.

### ARTICLE 3 AFFIRMATIVE COVENANTS

Trustor hereby covenants and agrees as follows:

3.1 Obligations of Trustor. Trustor will timely perform, or cause to be timely performed, all the Obligations.

3.2 Insurance.

(a) Trustor, at its sole cost and expense, will keep and maintain for the mutual benefit of Trustor and Beneficiary: (i) with respect to all Buildings and other Improvements and Fixtures, insurance against loss or damage by fire and other risks covered by insurance commonly known as the broad form of extended coverage, in an amount equal to one hundred percent (100%) of the then-current "full replacement cost" of such Buildings and Improvements and Fixtures; (ii) comprehensive public liability insurance including broad form property damage, contractual liability and personal injury or death coverage; and (iii) such other insurance, and in such amounts, as may from time to time be reasonably required by Beneficiary.

(b) All policies of insurance required by this Deed of Trust: (i) shall be prepaid annually and otherwise satisfactory in form, substance, amount and deductible to Beneficiary and written with companies satisfactory to Beneficiary; (ii) shall name Beneficiary as an additional insured as its interest may appear and contain a Standard Lender's Loss Payable endorsement and other noncontributory standard mortgagee protection clauses acceptable to Beneficiary, and at Beneficiary's option, a waiver of subrogation rights by the insurer; (iii) shall contain an agreement by the insurer that such policy shall not be amended or canceled without at least thirty (30) days' prior written notice to Beneficiary; and (iv) shall contain such other provisions as Beneficiary deems reasonably necessary or desirable to protect its interests.

(c) All of Trustor's right, title and interest in and to all policies of property insurance and any unearned premiums paid thereon are hereby assigned (to the fullest extent assignable) to Beneficiary, who shall have the right, but not the obligation, to assign the same to any purchaser of the Real Property Collateral at any foreclosure sale.

3.3 Maintenance, Waste and Repair. At its sole cost and expense, Trustor will and will cause all tenants that lease any portion of the Real Property Collateral to: (i) preserve, repair, replace and maintain the Real Property Collateral, including all Improvements and Fixtures now or hereafter constituting a part thereof, in a good and businesslike or farmerlike manner and condition; (ii) promptly make all necessary structural and nonstructural repairs to the Real Property Collateral that are required to avert a diminution of its value; (iii) not destroy, remove, abandon, or materially diminish or alter the Improvements and Fixtures during the existence of this Deed of Trust, except for replacement of dead or diseased trees, vines or other permanent plantings in the normal course of farming and caring for the Real Property Collateral, nor erect any new buildings, structures or building additions on the Land, in each case without the prior written consent of Beneficiary; (iv) cultivate, produce and harvest crops on the Land employing the usual and normal standards and practices of husbandry customarily employed to produce similar crops in the general

vicinity of the Land; and (v) not permit any waste of the Real Property Collateral or make any change in the use thereof, nor do or permit to be done thereon anything that may in any way impair the security of this Deed of Trust. Without limiting the foregoing, Trustor shall not: (a) permit any portion of the Land to be used as a borrow pit, landfill or dump; (b) request or permit a change in tax status, zoning or land use classification from agricultural use; (c) in any way diminish any of Trustor's Water Rights; or (d) transfer from the Land or permit the transfer from the Land any crop allotments or crop bases, or any rights, including, without limitation, the right to receive, directly or indirectly, payment whether in cash, such as deficiency payments as provided for in 7 C.F.R. Section 1413, or in-kind, under any contract or agreement with the United States Department of Agriculture, the Commodity Credit Corporation, the Farm Service Agency or any other governmental agency or department, whether federal, state or local, including, without limitation, the Conservation Reserve Program.

3.4 Impositions. Trustor will pay all Impositions when due. Trustor will deliver to Beneficiary, within seven (7) days after demand therefore, receipts showing the payment of any Impositions.

3.5 Compliance with Law. Trustor will promptly and faithfully comply with all present and future Laws and Restrictions.

3.6 Books and Records and Other Information. Trustor, without expense to Beneficiary, will maintain full and complete books of account and records reflecting the results of the operations of the Real Property Collateral in accordance with generally accepted accounting principles consistently applied, and will furnish or cause to be furnished to Beneficiary such financial information concerning the condition of Trustor and the Real Property Collateral as Beneficiary shall reasonably request, including, the information in the form and at the times specified in the Loan Documents.

3.7 Further Assurances/Additional Information. Trustor, at any time upon the reasonable request of Beneficiary, will at Trustor's expense, execute, acknowledge and deliver all such additional papers and instruments (including, without limitation, a declaration of no setoff) and perform all such further acts as may be reasonably necessary to perform the Obligations and, as Beneficiary deems necessary, to preserve the priority of the lien of this Deed of Trust and to carry out the purposes of the Loan Documents. In addition, Trustor will furnish to Beneficiary: (i) within seven (7) days after written request therefore, any and all information that Beneficiary may reasonably request concerning the Real Property Collateral or the performance by Trustor of the Obligations; and (ii) immediately upon receipt, copies of all (a) notices of violation relating to the Real Property Collateral that Trustor receives from any governmental agency or authority; and (b) notices of default that Trustor shall give or receive under any agreement that Trustor covenants to perform hereunder.

3.8 Litigation. Trustor will promptly give notice in writing to Beneficiary of any litigation or other event or occurrence which might result in a Material Adverse Change.

3.9 Inspection of Real Property Collateral. Trustor hereby grants to Beneficiary, its agents, employees, consultants and contractors, the right to enter upon the Real Property Collateral for the purpose of making any and all inspections, reports, tests (including, without limitation, soils borings, ground water testing, inspection of wells, orchards, trees and fields, or soils analysis), inquiries and reviews as Beneficiary (in its sole and absolute discretion) deems necessary to assess the then current condition of the Real Property Collateral, or for the purpose of performing any of the other acts Beneficiary is authorized to perform hereunder. Trustor shall cooperate with Beneficiary to facilitate such entry and the accomplishment of such purposes.

3.10 Contest. Notwithstanding the provisions of Paragraphs 3.4 and 3.5, Trustor may, at its expense, contest the validity or application of any Impositions or Laws and Restrictions by appropriate legal proceedings promptly initiated and diligently conducted in good faith, provided that: (i) Beneficiary is reasonably satisfied that the priority of this Deed of Trust shall be maintained and neither the Real Property Collateral nor any part thereof or interest therein will be in danger of being sold, forfeited, or lost as a result of such contest; and (ii) Trustor shall have posted a bond or furnished such other security as may be reasonably required from time to time by Beneficiary.

3.11 Prepayment. Trustor may prepay the Loan only on the terms and conditions set forth in the Note and Trustor shall pay Beneficiary any Prepayment Premium in respect of any such prepayment, whether voluntary or involuntary, as required by and on the terms and conditions set forth in the Note.

3.12 Tax Service Contract. Throughout the term of the Loan, at Trustor's sole expense, if Beneficiary shall so request, Beneficiary shall be furnished tax service contracts issued by a tax reporting agency satisfactory to Beneficiary.

3.13 Water. Throughout the term of the Loan, at Trustor's sole expense, Trustor shall ensure that the Land will have the continuing, enforceable right to receive irrigation water from such sources, in such quantities, and at such times and locations as is

reasonably satisfactory for the purposes of farming, without substantially increased cost, and in such quantities, and at such times and locations as has been historically available to the Land.

3.14 Right to Inspect Government Records. Beneficiary shall have at all times the right for its officers, employees, agents, or other representatives to inspect and copy any and all records, reports, applications, forms, correspondence and payment records in the offices of the United States of America, Department of Agriculture, Farm Service Agency (FSA) and the Department of the Interior, Federal Bureau of Reclamation, which relate in part or in whole to the Real Property Collateral.

#### ARTICLE 4 NEGATIVE COVENANTS

Trustor hereby covenants to and agrees as follows:

4.1 Restrictive Uses. Trustor will not initiate, join in, or consent to any change in the current use of the Real Property Collateral or in any zoning ordinance, private restrictive covenant, assessment proceedings or other public or private restriction limiting or restricting the uses that may be made of the Real Property Collateral or any part thereof or in any way change the boundaries of the Land without the prior written consent of Beneficiary.

4.2 Prohibited Transfers. Trustor shall not cause, allow or permit a Transfer without the prior written consent of Beneficiary, which consent may be withheld or conditioned in Beneficiary's absolute discretion. Any permitted transferee shall, as a condition of the effectiveness of any consent or waiver by Beneficiary hereunder, assume all of Trustor's obligations under the Loan Documents and agree to be bound thereby. Such assumption shall not, however, release Trustor from any liability under the Loan Documents. This provision shall not apply to transfers of title or interest under any will or testament or applicable law of descent. Consent to any such Transfer by Beneficiary shall not be deemed a waiver of Beneficiary's right to require such consent to any further or future Transfers.

#### ARTICLE 5 CASUALTIES AND CONDEMNATION

5.1 Insurance and Condemnation Proceeds.

(a) Trustor shall notify Beneficiary in writing immediately upon the occurrence of any loss or damage by fire or other casualty to the Real Property Collateral or upon commencement of any proceedings for condemnation of any portion of the Real Property Collateral. Beneficiary shall be entitled to: (i) participate in any such condemnation proceedings and Trustor from time to time will deliver to Beneficiary all instruments reasonably necessary to permit such participation; and (ii) settle and adjust all insurance claims relative to any such damage or destruction, deducting from any insurance proceeds the amount of all expenses incurred by Beneficiary in connection with any such settlement or adjustment. All proceeds paid to Trustor under any insurance policies relating to the Real Property Collateral shall immediately be delivered to Beneficiary. All condemnation proceeds from the Real Property Collateral are hereby assigned to and shall be paid to Beneficiary.

(b) The proceeds of any insurance policy or condemnation award or compensation received by Beneficiary shall, at the option of Beneficiary, either be applied to the prepayment of the Indebtedness or satisfaction of any Obligation or be paid over to Trustor for restoration of the Real Property Collateral. If Beneficiary elects to make such proceeds available for repair or reconstruction, Beneficiary shall, through a disbursement procedure established by Beneficiary, make available to Trustor the net amount of all insurance proceeds or condemnation awards received by Beneficiary after deduction of Beneficiary's reasonable costs and expenses, if any, in collection of the same (the "Net Proceeds"). In the event Beneficiary elects not to make the Net Proceeds available for repair or reconstruction, Beneficiary, at its sole option, may apply the Net Proceeds in payment of the Indebtedness or in satisfaction of any other Obligation in such order as Beneficiary may determine, which application shall be a Prepayment under the Note. Notwithstanding the foregoing, Beneficiary shall make the Net Proceeds available to Trustor for repair or reconstruction provided that: (i) there shall then be no default under any Loan Document; (ii) Beneficiary shall be satisfied that (A) the Real Property Collateral can and will be restored to the condition of the Real Property Collateral immediately prior to such casualty or condemnation within 18 months of the date of such casualty or condemnation in accordance with plans and specifications approved by Beneficiary, and such completion shall occur at least 24 months prior to the maturity date of the Note; and (B) no material agreements are terminated or terminable as a result of such casualty or condemnation; (iii) Trustor shall have entered into a general construction contract

acceptable in all respects to Beneficiary for completion of the repair or reconstruction, which construction contract shall have been collateral assigned to Beneficiary; (iv) in Beneficiary's reasonable judgment, the security for the Loan has not been materially impaired as a result of such casualty or condemnation; and (v) prior to any disbursement of Net Proceeds and throughout the restoration period, Beneficiary shall have determined, in its sole and absolute discretion, that such repair or reconstruction can be completed at a cost (which cost shall include all payments coming due under the terms of the Loan) which does not exceed the aggregate of the then remaining Net Proceeds and any funds deposited with Beneficiary by Trustor.

(c) The Net Proceeds and any additional funds deposited by Trustor with Beneficiary shall constitute additional security for the Loan. Trustor shall execute, deliver, file and/or record, at its own expense, such documents and instruments as Beneficiary requires to grant to Beneficiary a perfected, first priority security interest in the Net Proceeds and such additional funds.

5.2 Additional Provisions Relating to Condemnation. In any condemnation proceedings, Beneficiary may be represented by counsel selected by Beneficiary. Trustor hereby unconditionally and irrevocably waives all rights of a property owner under Section 1265.225(a) of the California Code of Civil Procedure or any successor statute providing for the allocation of condemnation proceeds between a property owner and a lienholder.

## ARTICLE 6 EVENTS OF DEFAULT AND REMEDIES OF BENEFICIARY

### 6.1 Events of Default.

(a) It shall constitute an "Event of Default" hereunder if any of the following events shall occur and Beneficiary, by written notice delivered to Trustor, declares Trustor to be in default: (i) Trustor shall fail to pay on the date when due, any part of the Indebtedness; (ii) Trustor shall fail to timely observe, perform or discharge any Obligation, other than as described in Paragraph: 6.1(a)(i), (iii), (iv), (v), (vi), (vii), (viii), and (ix); (iii) Trustor, as lessor or sublessor, as the case may be, shall assign all or any part of the Rents and Proceeds or any interest therein without first obtaining the written consent of Beneficiary; (iv) default by Trustor under any agreement to which Trustor is a party, other than the Loan Documents, which agreement relates to the borrowing of money by Trustor from any Person, and such default might give rise to a Material Adverse Change or adversely affect the security for the Loan; (v) any representation or warranty made by Trustor in, under or pursuant to the Loan Documents was false or misleading in any material respect as of the date on which such representation or warranty was made or deemed remade; (vi) any of the Loan Documents shall cease to be in full force and effect or be declared null and void, or shall cease to constitute valid and subsisting liens and/or valid and perfected security interests in and to the Real Property Collateral, or Trustor shall contest or deny in writing that it has any further liability or obligation under any of the Loan Documents; (vii) the declaration of an Event of Default hereunder pursuant to Paragraph 9.20(e) hereof; (viii) Trustor or any successor in interest is estopped or denied from receiving irrigation water for use upon any portion of the Land for any reason, or if existing water permits or certificates or other Water Rights shall be revoked or suspended, and Beneficiary reasonably determines that such loss or interruption of the right to receive irrigation water materially and adversely affects the value of the Real Property Collateral and/or the security for the Loan; or (ix) a Material Adverse Change shall have occurred.

(b) It shall constitute an Event of Default hereunder without the requirement of any notice if any of the following events shall occur: (i) any Principal Party shall generally not pay its debts as they become due or shall admit in writing its inability to pay its debts, or shall have made a general assignment for the benefit of creditors; (ii) any Principal Party shall commence any case, proceeding or other action seeking reorganization, arrangement, adjustment, liquidation, dissolution or composition of it or its debts under any law relating to bankruptcy, insolvency, reorganization or relief of debtors, or seeking to have an order for relief entered against it as debtor, or seeking appointment of a receiver, trustee, custodian or other similar official for it or for all or any substantial part of its property (collectively, a "Proceeding"); (iii) any Principal Party shall take any action to authorize any of the actions set forth above in clauses (i) or (ii); (iv) any Proceeding shall be commenced against any Principal Party, and such Proceeding (A) results in the entry of an order for relief against it which is not fully stayed within seven (7) business days after the entry thereof or (B) remains undismissed for a period of forty-five (45) days; (v) failure to timely observe, perform or discharge any provision of Paragraph 4.2 hereof or the occurrence of a Transfer without Beneficiary's prior written consent; or (vi) failure to comply with the provisions of Paragraph 3.2 hereof on or before the date 15 days prior to the expiration date of any policy furnished pursuant to the terms of the Loan Documents, and/or the lapse or expiration of any insurance policy or policies required to be obtained or maintained under the terms of the Loan Documents.



## 6.2 Remedies.

(a) Upon the occurrence of any Event of Default, Beneficiary may at any time declare all of the Indebtedness to be due and payable and the same shall thereupon become immediately due and payable, together with all payments due in accordance with the terms of the Note, without any further presentment, demand, protest or notice of any kind. Beneficiary may, in its sole discretion, also do any of the following: (i) in person, by agent, or by a Receiver, without regard to the adequacy of security, the solvency of Trustor or the condition of the Real Property Collateral, without obligation so to do and without notice to or demand upon Trustor, enter upon and take possession of the Real Property Collateral, or any part thereof, in its own name or in the name of Trustee and do any acts which Beneficiary deems necessary to preserve the value or marketability of the Real Property Collateral; (ii) sue for or otherwise collect the Rents and Proceeds, and apply the same, less costs and expenses of operation and collection, including reasonable attorneys' fees, against the Secured Obligations, all in such order as Beneficiary may determine; (iii) appear in and defend any action or proceeding purporting to affect, in any manner whatsoever, the Secured Obligations, the security hereof or the rights or powers of Beneficiary or Trustee; (iv) pay, purchase or compromise any encumbrance, charge or lien that in the judgment of Beneficiary or Trustee is prior or superior hereto; (v) in exercising any such powers, pay necessary expenses, employ counsel and pay reasonable attorneys' fees; (vi) as a matter of strict right and without notice to Trustor or anyone claiming under Trustor, and without regard to the then value of the Real Property Collateral or the danger of loss, removal, or material injury to the Real Property Collateral, apply ex parte to any court having jurisdiction to appoint a Receiver to enter upon and take possession of the Real Property Collateral, and Trustor hereby waives notice of any application therefore, provided a hearing to confirm such appointment with notice to Trustor is set within the time required by law (any such Receiver shall have all the powers and duties of Receivers in like or similar cases and all the powers and duties of Beneficiary in case of entry as provided herein, and shall continue as such and exercise all such powers until the date of confirmation of sale, unless such Receivership is sooner terminated); (vii) commence an action to foreclose this Deed of Trust in any manner provided hereunder or by law; and/or (viii) deliver to Trustee a written declaration of default and demand for sale, and a written notice of default and election to cause the Real Property Collateral to be sold, which notice Trustee or Beneficiary shall cause to be duly filed for record.

(b) If Trustor shall at any time fail to perform or comply with any of the terms, covenants and conditions required on Trustor's part to be performed and complied with under any of the Loan Documents or any other agreement that, under the terms of this Deed of Trust, Trustor is required to perform, then Beneficiary may, in its sole discretion: (i) make any payments hereunder or thereunder payable by Trustor and take out, pay for and maintain any of the insurance policies provided for herein or therein; and/or (ii) after the expiration of any applicable grace period and subject to Trustor's rights to contest certain obligations specifically granted hereby, perform any such other acts thereunder on the part of Trustor to be performed and enter upon the Real Property Collateral for such purpose.

(c) Should Beneficiary elect to foreclose by exercise of the power of sale herein contained, Beneficiary shall notify Trustee and shall deposit with Trustee this Deed of Trust and the Note and such receipts and evidence of expenditures made and secured hereby as Trustee may require. Upon receipt of such notice from Beneficiary, Trustee shall cause to be recorded, published and delivered to Trustor such notice of default and notice of sale as then required by law and by this Deed of Trust. Trustee shall, without demand on Trustor, after lapse of such time as may then be required by law and after recordation of such notice of default and after notice of sale having been given as required by law, sell the Real Property Collateral at the time and place of sale fixed by it in such notice of sale, either as a whole, or in separate lots or parcels or items as Beneficiary shall determine, and in such order as Beneficiary may determine, at public auction to the highest bidder for cash in lawful money of the United States payable at the time of sale. Trustee shall deliver to such purchaser or purchasers thereof its good and sufficient deed or deeds conveying the property so sold, but without any covenant or warranty, express or implied. The recitals in such deed of any matters or facts shall be conclusive proof of the truthfulness thereof. Any person, including, without limitation, Trustor, Trustee or Beneficiary, may purchase at such sale and Trustor hereby covenants to warrant and defend the title of such purchaser or purchasers. After deducting all costs, fees and expenses of Trustee and of the trust established hereby, including costs of evidence of title in connection with such sale(s), Trustee shall apply the proceeds of sale, in the following priority, to the payment of: (i) first, all sums expended under the terms hereof, not then repaid, with accrued interest at the Default Rate; (ii) second, all other sums then secured hereby; and (iii) the remainder, if any, to the person or persons legally entitled thereto. Beneficiary may, in its sole discretion, designate the order in which the Real Property Collateral shall be offered for sale or sold through a single sale or through two or more successive sales, or in any other manner Beneficiary deems to be in its best interest. If Beneficiary elects more than one sale or other disposition of the Real Property Collateral, Beneficiary may at its option cause the same to be conducted simultaneously or successively, on the same day or at such different days or times and in such order as Beneficiary may deem to be in its best interest and no such sale shall terminate or otherwise affect the lien of this Deed of Trust on any part of the Real Property Collateral not then sold until all indebtedness secured hereby has been fully paid. If Beneficiary elects to dispose of the Real



Property Collateral through more than one sale, Trustor shall pay the costs and expenses of each such sale of its interest in the Real Property Collateral and of any proceedings where the same may be made. Trustee may postpone the sale of all or any part of the Real Property Collateral by public announcement at such time and place of sale, and from time to time thereafter may postpone such sale by public announcement at the time fixed by the preceding postponement, and without further notice make such sale at the time fixed by the last postponement; or Trustee may, in its sole discretion, give a new notice of sale. Beneficiary may rescind any such notice of default at any time before Trustee's sale by executing a notice of rescission and recording the same. The recording of such notice shall constitute a cancellation of any prior declaration of default and demand for sale and of any acceleration of maturity of indebtedness affected by any prior declaration or notice of default. The exercise by Beneficiary of the right of rescission shall not constitute a waiver of any default then existing or subsequently occurring, or impair the right of Beneficiary to execute other declarations of default and demand for sale, or notices of default and of election to cause the Real Property Collateral to be sold, nor otherwise affect the Note or this Deed of Trust, or any of the rights, obligations or remedies of Beneficiary or Trustee hereunder.

(d) In the event of a sale of the Real Property Collateral, or any part thereof, and the execution of a deed therefore, the recital therein of default, and of recording notice of default and notice of sale, and of the elapse of the required time (if any) between the recording and the notice, and of the giving of notice of sale, and of a demand by Beneficiary, or its successors or assigns, that such sale should be made, shall be conclusive proof of such default, recording, election, elapse of time, and giving of such notice, and that the sale was regularly and validly made on due and proper demand by Beneficiary, its successors or assigns. Any such deed or deeds with such recitals therein shall be effective and conclusive against Trustor, its successors and assigns, and all other Persons. The receipt for the purchase money recited or contained in any deed executed to the purchaser as aforesaid shall be sufficient discharge to such purchaser from all obligations to see to the proper application of the purchase money.

(e) All remedies of Beneficiary provided for herein are cumulative and shall be in addition to any and all other rights and remedies provided in the other Loan Documents or by law, including any right of offset. The exercise of any right or remedy by Beneficiary hereunder shall not in any way constitute a cure or waiver of default hereunder or under the Loan Documents, or invalidate any act done pursuant to any notice of default, or prejudice Beneficiary in the exercise of any of its rights hereunder, under the Loan Documents, or at law.

(f) All rights under this Deed of Trust or any other Loan Document may be enforced by Beneficiary or Trustee without the possession of any instruments secured hereby and without the production thereof or of this Deed of Trust or the Note at any trial or other proceeding relative thereto.

#### ARTICLE 7 FIXTURE FILING

7.1 Fixture Filing. This Deed of Trust covers certain goods which are or are to become fixtures related to the Land and constitutes a fixture filing with respect to such goods and has been executed by Trustor as debtor in favor of Beneficiary as secured party.

#### ARTICLE 8 ASSIGNMENT OF RENTS AND PROCEEDS, LEASES AND AGREEMENTS

8.1 Assignment of Rents and Proceeds and Leases. In connection with the Loan, Trustor absolutely and unconditionally assigns and transfers to Beneficiary (i) the Leases and (ii) the Rents and Proceeds whether now due, past due or to become due, and gives to and confers upon Beneficiary any and all rights and claims of any kind that Trustor may have against lessees under the Leases, or against any subtenants or occupants of the Real Property Collateral or any part thereof, and the right, power and authority to collect such Rents and Proceeds, and apply the same to the Indebtedness or the satisfaction of any Obligation. This assignment is meant to constitute an absolute assignment of rents, issues, and profits as described in California Civil Code Section 2938. Trustor irrevocably appoints Beneficiary its agent to, at any time, demand, receive and enforce payment, to give receipts, releases and satisfactions, and to sue, either in the name of Trustor or in the name of Beneficiary, for all such Rents and Proceeds. Neither the foregoing assignment of Leases and Rents and Proceeds to Beneficiary nor the exercise by Beneficiary of any of its rights or remedies under this Deed of Trust shall be deemed to subject Beneficiary to the limitations of California Code of Civil Procedure Section 726 or any other relevant provision of California law, or to make Beneficiary a "mortgagee-in-possession" or otherwise responsible or liable in any manner with respect to the Real Property Collateral or the use, occupancy, enjoyment or operation of all or any part thereof, unless and until Beneficiary, in person or by its own agent, assumes actual possession thereof, nor shall appointment of a Receiver for the Real Property Collateral by any court at the request of Beneficiary or by agreement with Trustor or the entering into possession of

the Real Property Collateral by such Receiver be deemed to make Beneficiary a "mortgage-in-possession" or otherwise responsible or liable in any manner with respect to the Real Property Collateral or the use, occupancy, enjoyment or operation thereof.

**8.2 Assignment of Agreements.** Trustor hereby sells, assigns, transfers, sets over and delivers to Beneficiary all of Trustor's right, title and interest in and to any and all agreements, contracts, supply contracts, reports, surveys, maintenance agreements, purchase contracts, and governmental approvals whatsoever pertaining to the operation of the Real Property Collateral, as the same may be amended or otherwise modified from time to time (collectively, the "Agreements"). The foregoing assignment encompasses the right of Trustor to: (i) terminate any of the Agreements; (ii) perform or compel performance and otherwise exercise all remedies under the Agreements; and (iii) collect and receive all sums which may become due Trustor or which Trustor may now or shall hereafter become entitled to demand or claim, under the Agreements.

**8.3 Revocable License.** Notwithstanding anything to the contrary contained herein or in the Note, so long as no Event of Default shall have occurred, Trustor shall have a license to collect all Rents and Proceeds and all other sums which may become payable to Trustor under the Leases and the Agreements, and to first apply the same to the payment or performance of the Secured Obligations as and when due. Upon the occurrence of an Event of Default, Beneficiary shall have the right, on written notice to Trustor, to terminate and revoke the license herein granted to Trustor and shall have the right and authority then or thereafter to exercise and enforce any and all of its rights and remedies provided in this Article 8 or by law or at equity.

**8.4 Nonresponsibility.** The acceptance by Beneficiary of the assignments with all the rights, powers, privileges and authority so granted shall not obligate Beneficiary to assume any obligations in respect of the Rents and Proceeds or under the Leases or the Agreements or take any action thereunder or to expend any money or incur any expense or perform or discharge any obligation, duty or liability in respect of the Rents and Proceeds or under the Leases or the Agreements or to assume any obligation or responsibility for the nonperformance of the provisions thereof by Trustor.

**8.5 Affirmative Covenants Regarding the Leases and Agreements.** Trustor shall: (i) observe, perform and discharge, all the obligations, terms, covenants, conditions and warranties of the Leases and Agreements, on the part of Trustor to be kept, and shall promptly notify Beneficiary of any default thereunder; (ii) upon written request of Beneficiary, direct the obligors under the Agreements and the lessees under the Leases to deliver all Rents and Proceeds and other payments due thereunder to Beneficiary; (iii) enforce or secure in the name of Beneficiary the performance of each and every obligation, term, covenant, condition and agreement of the Leases and Agreements to be performed by the lessees and the obligors thereunder; (iv) appear in and defend any action or proceeding arising under, occurring out of, or in any manner connected with the Leases or the Agreements or the obligations, duties, or liabilities of Trustor, the lessees or the obligors thereunder and, upon request by Beneficiary, do so in the name and on behalf of Beneficiary but at the expense of Trustor, and pay all costs and expenses of Beneficiary in connection therewith, including attorneys' fees and costs.

**8.6 Negative Covenants Regarding the Leases and Agreements.** Trustor shall not, without the prior written consent of Beneficiary: (i) lease any part of the Real Property Collateral or renew or extend any Leases; (ii) terminate, amend, modify or alter in any manner any Leases, or waive, excuse, condone, discount, set-off, compromise, or in any manner release or discharge any lessees from any obligations, covenants, conditions and agreements by such lessees to be kept, or accept or consent to any surrender of the Leases; (iii) receive or collect any Rents and Proceeds in advance (whether in cash or by promissory note); (iv) further assign the Leases or pledge, transfer, mortgage or otherwise encumber or assign future payments of Rents and Proceeds; (v) commence an action of ejectment or summary proceedings for dispossession of the lessees under any Leases; or (vi) consent to any modification of the express purposes for which the Real Property Collateral has been leased, or consent to any subletting of the Real Property Collateral or any part thereof, or to assignment of the Leases by the lessees thereunder or to any assignment or further subletting by any sublessees.

#### ARTICLE 9 MISCELLANEOUS

**9.1 Successor Trustee.** Beneficiary may remove Trustee or any successor trustee at any time or times and appoint a successor trustee by recording a written substitution in the county where the Real Property Collateral is located, or in any other manner permitted by law.

**9.2 No Waiver.** No failure by Beneficiary to insist upon strict, full and complete: (i) payment when due of any portion of the indebtedness; or (ii) performance of any Obligation, nor failure to exercise any right or remedy hereunder, shall constitute a waiver of any such failure to pay or breach of any such Obligation, or of the later exercise of such right or remedy.

**9.3 Notices.** All notices or other written communications hereunder shall be deemed to have been properly given: (i) upon delivery, if delivered in person or by facsimile transmission with receipt acknowledged; (ii) one business day after having

been deposited for overnight delivery with Federal Express or another comparable overnight courier service; or (ii) three business days after having been deposited in any post office or mail depository regularly maintained by the U.S. Postal Service and sent by registered or certified mail, postage prepaid, addressed to the address set forth on page 1 hereof or addressed as such party may from time to time hereafter designate by written notice to the other parties.

9.4 Severability. If any provision hereof should be held unenforceable or void, that provision shall be deemed severable from the remaining provisions and in no way affect the validity of this Deed of Trust except that if such provision relates to the payment of any monetary sum, then Beneficiary may, at its option, declare the indebtedness immediately due and payable.

9.5 Joinder of Foreclosure. Should Beneficiary hold any other or additional security for the performance of the Secured Obligations, its sale or foreclosure, upon any default in such performance, in the sole discretion of Beneficiary, may be prior to, subsequent to, or joined or otherwise contemporaneous with any sale or foreclosure hereunder.

9.6 Governing Law. This Deed of Trust shall be governed by and construed in accordance with the laws of the state in which the Land is located.

9.7 Subordination. At the option of Beneficiary, this Deed of Trust shall become subject and subordinate in whole or in part (but not with respect to priority of entitlement to any insurance proceeds, damages, awards, or compensation resulting from damage to the Real Property Collateral or condemnation or exercise of power of eminent domain), to any and all contracts of sale and/or any and all Leases or any other lien or interest in real property upon the execution by Beneficiary: (i) of a unilateral declaration to that effect; and (ii) the recording thereof in the Official Records of the county where the Land is located.

9.8 Waiver of Statute of Limitations and Rights to Trial by Jury. Trustor hereby waives, to the full extent allowed by law, the right to plead any statute of limitations as a defense to any obligation secured by this Deed of Trust and the right to a jury trial in any action under or relating to the Loan Documents.

9.9 Entire Agreement. The Loan Documents set forth the entire understanding between Trustor and Beneficiary relative to the Loan and the same shall not be amended except by a written instrument duly executed by Trustor and Beneficiary.

9.10 Charges for Statements. Trustor agrees to pay Beneficiary's charge, up to the maximum amount permitted by law, for any statement regarding the Secured Obligations requested by Trustor or on its behalf.

9.11 Usury. In the event that Beneficiary determines that any charge, fee or interest paid or agreed to be paid in connection with the Loan may, under the applicable usury laws, cause the interest rate on the Loan to exceed the maximum permitted by law, then such charges, fees or interest shall be reduced and any amounts actually paid in excess of the maximum interest permitted by such laws shall be applied by Beneficiary to reduce the outstanding principal balance of the Loan. The parties intend that Trustor shall not be required to pay, and Beneficiary shall not be entitled to collect, interest in excess of the maximum legal rate permitted under the applicable usury laws.

9.12 Information Reporting Under IRS Section 6045(e). Any information returns or certifications that must be filed with the Internal Revenue Service and/or provided to other parties pursuant to Internal Revenue Code Section 6045(e) shall be prepared, filed, and sent to the appropriate parties by Trustor. To the extent permitted by law, Beneficiary shall have no responsibility to perform such services; provided, however, that upon demand Trustor shall pay such fee to Beneficiary as Beneficiary may reasonably and lawfully request. Beneficiary shall, where requested by Trustor, promptly supply Trustor with all information pertaining to Beneficiary reasonably required by Trustor to prepare and file any such return or certification.

9.13 ERISA.

(a) Beneficiary represents and warrants to Trustor that, as of the date of this Deed of Trust and throughout the term of the Loan, the source of funds from which Beneficiary extends the Loan is its General Account, which is subject to the claims of its general creditors under state law.

(b) Trustor represents and warrants to Beneficiary, as of the date of this Deed of Trust, and covenants throughout the term of the Loan, that: (i) Trustor is not and will not become an "employee benefit plan" as defined in Section 3(3) of the Employee Retirement Income Security Act of 1974, as amended ("ERISA"), which is subject to Title I of ERISA; and (ii) the assets of Trustor do not and will not constitute "plan assets" of one or more such plans within the meaning of 29 C.F.R. Section 2510.3-101.

(c) Trustor represents and warrants to Beneficiary that, as of the date of this Deed of Trust: (i) Trustor is not a "governmental plan" within the meaning of Section 3(32) of ERISA; and (ii) transactions by or with Trustor are not subject to state statutes regulating investment of and fiduciary obligations with respect to governmental plans.

(d) Trustor covenants and agrees to deliver to Beneficiary such certifications or other evidence from time to time throughout the term of the Loan, as requested by Beneficiary in its sole discretion, that: (i) Trustor is not an "employee benefit plan" or a "governmental plan;" (ii) Trustor is not subject to state statutes regulating investments and fiduciary obligations with respect to governmental plans; and (iii) one or more of the following circumstances is true: (A) equity interests in Trustor are publicly offered securities, within the meaning of 29 C.F.R. Section 2510.3-101(b)(2), (B) less than twenty-five percent (25%) of all equity interests in Trustor are held by "benefit plan investors" within the meaning of 29 C.F.R. Section 2510.3-101(f)(2), (C) Trustor qualifies as an "operating company" or a "real estate operating company" within the meaning of 29 C.F.R. Section 2510.3-101(c) or (e), or (D) no equity interest in Trustor is held directly or indirectly by an employee benefit plan subject to ERISA.

(e) any of the following shall constitute an Event of Default entitling Beneficiary to exercise any and all remedies to which it may be entitled under the Loan Documents: (i) the failure of any representation or warranty made by Trustor under this Paragraph 9.13 to be true and correct in all respects; (ii) the failure of Trustor to provide Beneficiary with the written certifications and evidence referred to above; or (iii) the consummation by Trustor of a transaction which would cause the Deed of Trust or any exercise of Beneficiary's rights under the Loan Documents to constitute a nonexempt prohibited transaction under ERISA or a violation of a state statute regulating governmental plans, subjecting Beneficiary to liability for violation of ERISA or such state statute.

(f) Trustor shall indemnify, protect and defend and hold Beneficiary harmless from and against all loss, fee, cost, damage and expense (including attorneys' fees and costs incurred in the investigation, defense and settlement of claims and losses incurred in correcting any prohibited transaction or in the sale of a prohibited loan, and in obtaining any individual prohibited transaction exemption under ERISA that may be required, in Beneficiary's sole discretion) that Beneficiary may incur, directly or indirectly, as a result of a default under Paragraph 9.13(e). This indemnity shall survive any termination, satisfaction or foreclosure of the Deed of Trust.

(g) Notwithstanding anything to the contrary contained in this Deed of Trust, no Transfer otherwise permitted hereunder shall be permitted if such Transfer would negate the representations contained in this Paragraph 9.13 or cause this Deed of Trust (or the exercise by Beneficiary of any of its rights and/or remedies under any Loan Document) to constitute a violation of any provision of ERISA or of any applicable state statute regulating a governmental plan, as determined by Beneficiary in its sole and absolute discretion.

(h) Notwithstanding anything to the contrary contained in this Deed of Trust, not less than fifteen (15) days prior to any Transfer permitted hereunder pursuant to the terms and provisions hereof, Trustor shall obtain from the proposed transferee or lienholder: (i) a representation, in form and substance satisfactory to Beneficiary, that all provisions of this Paragraph 9.13 shall be true and correct after giving effect to any such Transfer; and (ii) such transferee's agreement in writing, which agreement must be in form and substance satisfactory to Beneficiary in its sole and absolute discretion, that any transfer of such transferee's interest shall be governed by the terms and provisions of this Paragraph 9.13.

#### 9.14 Indemnification and Defense.

(a) Trustor will indemnify, defend, and hold Beneficiary and its agents harmless from and against all liability, loss, claims, damage, fee, cost or expense (including reasonable attorneys' fees) that Beneficiary might incur in connection with the making or administering of the Loan, or the enforcement of any of Beneficiary's rights or remedies under the Loan Documents, by reason of any failure of any representation or warranty made by Trustor or the failure of Trustor to perform any obligation or by reason or in defense of any and all claims and demands whatsoever that may be asserted against Beneficiary arising out of or in connection with the Real Property Collateral or the Loan.

(b) Trustor shall appear in and defend (with counsel acceptable to Beneficiary) any action or proceeding purporting to affect the security of the Deed of Trust, or of any additional or other security for the Secured Obligations, the interest of Beneficiary or the rights, powers and duties of Trustee hereunder.

(c) Whenever, under any Loan Document, Trustor is obligated to indemnify and/or defend Beneficiary, or Trustor is obligated to defend or prosecute any action or proceeding, then Beneficiary shall have the right to participate in such prosecution or defense using counsel of Beneficiary's choice, and all costs and expenses incurred by Beneficiary in

connection with such participation (including reasonable attorneys' fees) shall be reimbursed by Trustor to Beneficiary. In addition, Beneficiary shall have the right to approve any counsel retained by Trustor in connection with the prosecution or defense of any such action or proceeding by Trustor. Trustor shall give notice to Beneficiary of the initiation of all proceedings prosecuted or required to be defended by Trustor, or which are subject to Trustor's indemnity obligations, under this Deed of Trust, promptly after the receipt by Trustor of notice of the existence of any such proceeding, but in no event later than five (5) days thereafter.

(d) Should Beneficiary incur any liability, loss, claim, damage, cost or expense required to be reimbursed by Trustor to Beneficiary hereunder, the amount thereof with interest thereon at the Default Rate shall constitute part of the Indebtedness, shall be payable by Trustor upon demand, and shall be secured by this Deed of Trust.

9.15 Destruction of Note. Trustor shall, if the Note is mutilated or destroyed by any cause whatsoever, or otherwise lost or stolen and regardless of whether due to the act or neglect of Beneficiary or Trustee, execute and deliver to Beneficiary in substitution therefore a duplicate promissory note containing the same terms and conditions as the Note, within ten (10) days after Beneficiary notifies Trustor of any such mutilation, destruction, loss or theft of the Note.

9.16 Heirs and Assigns. This Deed of Trust applies to, inures to the benefit of, and binds all parties hereto, their heirs, legatees, devisees, administrators, executors, successors and assigns.

9.17 Interpretation. When the identity of the parties or other circumstances make it appropriate, the masculine gender shall include the feminine and/or neuter, and the singular number shall include the plural. Specific enumeration of rights, powers and remedies of Trustee and Beneficiary and of acts which they may do and of acts Trustor must do or not do shall not exclude or limit the general. The headings of each Article and Paragraph are for convenience and do not limit, expand, or otherwise affect the contents of any provision hereof. The provisions of the Loan Documents shall be construed as a whole according to their common meaning, not strictly for or against any party and consistent with the provisions herein contained, in order to achieve the objectives and purposes of such documents. Each party agrees that the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of such document. The use in the Loan Documents of the words "including," "such as," or words of similar import when following any general term, statement or matter shall not be construed to limit such statement, term or matter to the specific items or matters, whether or not language of nonlimitation such as "without limitation" or "but not limited to," or words of similar import are used with reference thereto, but rather shall be deemed to refer to all other items or matters that could reasonably fall within the broadest possible scope of such statement, term or matter. The term "Trustor" shall be deemed to refer to the original Trustor, and its successors and assigns (whether or not such assign assumed the Obligations hereunder); the term "Beneficiary" includes Beneficiary named herein or any future owner or holder, including pledgees of and participants in the Note, or any other instrument secured hereby, or any participation therein; and the term "Trustee" includes the original Trustee and its successors and assigns. The references to the "Real Property Collateral" shall be deemed to refer to all or any portion of the Real Property Collateral and any interest therein. References to "foreclosure" and related phrases shall be deemed references to the appropriate procedure in connection with Trustee's private power of sale as well as any judicial foreclosure proceeding or a conveyance in lieu of foreclosure.

9.18 Information to Third Persons. If, at any time, Beneficiary desires to sell or transfer, or grant a participation interest in, all or any portion of, or any interest in, the Note or any other Loan Document to any Person, Trustor shall furnish in a timely manner any and all financial information concerning the Real Property Collateral and Leases, and concerning Trustor's financial condition, requested by Beneficiary or such Person in connection with any such sale or transfer.

9.19 Commingling of Funds. Any and all sums collected or retained by Beneficiary hereunder (including insurance and condemnation proceeds), shall not be deemed to be held in trust, and Beneficiary may commingle such funds or proceeds with its general assets and shall not be liable for the payment of any interest or other return thereon, except to the extent otherwise required by law.

9.20 Hazardous Materials.

(i) Trustor hereby represents and warrants that other than agricultural pesticides and chemicals which are used in the ordinary course of Trustor's business and which are stored and used in amounts, and applied in a manner, which comply with Hazardous Materials Laws and conform to agricultural industry standards ("Approved Farm Materials"): (i) no Hazardous Materials exist on, under or about the Land; (ii) the Land is not in violation of any Hazardous Materials Laws; (iii) there are no past, current or, to the best knowledge of Trustor after due investigation, threatened Hazardous Materials Claims, and (iv) there are not now located on or under and, to the best knowledge of Trustor after due investigation, no Hazardous Materials storage tanks have ever been located on or under the Land.

(b) Trustor shall: (i) comply and cause all tenants and other Persons on or occupying the Land, to comply with all Hazardous Materials Laws; (ii) without limiting the generality of clause (i), not install, use, generate, manufacture, store, release or dispose of, nor permit the installation, use, generation, storage, release or disposal of Hazardous Materials on, under or about the Land, nor transport or permit the transportation of Hazardous Materials to or from the Land except for Approved Farm Materials; (iii) submit during the term of the Loan, if requested by Beneficiary, at Trustor's expense, report(s), satisfactory to Beneficiary in its sole and absolute discretion, prepared by consultant(s) approved by Beneficiary, certifying that the then environmental conditions of the Land; (iv) immediately advise Beneficiary in writing of (A) any and all Hazardous Materials Claims, and/or (B) the presence of any Hazardous Materials on, under or about the Land other than Approved Farm Materials; (v) not install or allow to be installed any underground tanks on the Land; and (vi) not create or permit to continue in existence any lien (whether or not such lien has priority over the lien created by the Deed of Trust) upon the Land imposed pursuant to any Hazardous Materials Laws.

(c) Trustor, at its sole cost and expense, shall promptly undertake any and all necessary remedial work ("Remedial Work") in response to any Hazardous Materials Claims or the presence, storage, use, disposal, transportation, discharge or release of any Hazardous Materials on, under or about the Land; provided, however, that Trustor shall undertake such Remedial Work: (i) in good faith so as to minimize any impairment to Beneficiary's security under the Loan Documents; (ii) pursuant to a detailed written plan for the Remedial Work approved by any public or private agencies or persons with a legal or contractual right to such approval; and (iii) using contractors and professionals which are reasonably satisfactory to Beneficiary.

(d) Trustor shall protect, indemnify and hold Beneficiary, its directors, officers, employees and agents, and any successors to Beneficiary's interest in the Land, and any other Person who acquires any portion of or interest in the Land at a foreclosure sale or otherwise through the exercise or sale of Beneficiary's rights and remedies under the Loan Documents, and any successors to any such other Person, and all directors, officers, employees and agents of all of the aforementioned indemnified parties, harmless from and against any and all actual or potential claims, liabilities, damages, losses, fines, penalties, judgments, awards, costs and expenses (including, without limitation, attorneys' fees and costs and expenses of investigation) which arise out of or relate in any way to any Hazardous Materials Claims or any use, handling, production, transportation, disposal, release or storage of any Hazardous Materials in, under or on the Land whether by Trustor or by any tenant or any other Person, including, without limitation: (i) all foreseeable and all unforeseeable consequential damages directly or indirectly arising out of (A) Hazardous Materials Claims or the use, generation, storage, discharge or disposal of Hazardous Materials by Trustor, any prior owner or operator of the Land or any Person on or about the Land, (B) any residual contamination affecting any natural resource or the environment, and/or (C) any exercise by Beneficiary of any of its rights and remedies hereunder; and (ii) the costs of any required or necessary repair, cleanup, or detoxification of the Land and the preparation of any closure or other required plans. All such costs, damages, claims and expenses heretofore described and/or referred to in this Paragraph 9.20(d) are hereinafter referred to as "Expenses." Trustor's liability to the aforementioned indemnified parties shall arise upon the earlier to occur of (A) discovery of any Hazardous Materials on, under or about the Land, or (B) the institution of any Hazardous Materials Claims, and not upon the realization of loss or damage, and Trustor shall pay to Beneficiary from time to time, immediately upon Beneficiary's request, an amount equal to such Expenses, as reasonably determined by Beneficiary. In addition, in the event any Hazardous Material is caused to be removed from the Land by Trustor, Beneficiary or any other Person, the number assigned by the Environmental Protection Agency to such Hazardous Material, or any similar identification by any other federal, state or local agency, shall be solely in the name of Trustor and Trustor shall assume any and all liability for such removed Hazardous Material.

(e) In the event that Trustor shall fail to timely comply with any of the provisions of this Paragraph 9.20, or in the event that any representation or warranty made in this paragraph proves to be materially false or misleading, then, in such event Beneficiary may, after the expiration of the earlier to occur of thirty (30) days or the cure period, if any, permitted under any applicable Hazardous Materials Laws, Beneficiary may: (i) declare an Event of Default under the Loan Documents and exercise any and all remedies provided for therein, at law and/or in equity; (ii) do or cause to be done whatever is necessary to cause the Land to comply with all Hazardous Materials Laws and other applicable law, rule, regulation or order and the cost thereof shall constitute an Expense hereunder and shall become immediately due and payable without notice and with interest thereon at the Default Rate until paid; and/or (iii) exercise any other right or remedy under this paragraph, the Loan Documents, at law and/or in equity. Trustor shall give to Beneficiary and its agents and employees access to the Land for the purpose of effecting such compliance and hereby specifically grants to Beneficiary a license, effective upon expiration of the applicable cure period, if any, to do whatever is necessary to cause the Land to so comply, including, without limitation, to enter the Land and remove therefrom any Hazardous Materials. Without limiting the generality of the foregoing, Trustor agrees that Beneficiary will have the same right, power and authority to enter and inspect the Land as is granted to the secured lender under Section 2929.5 of the California Civil Code, and that Beneficiary will have

As provided in Section 5804(a) of the California Code of Civil Procedure, in the Loan Documents, Trustor acknowledges and agrees that the provisions of the governmental provisions, as that term is defined in Section 726(2)(2) of the California Code of Civil Procedure, shall by the Trustor standing to the Real Property Collateral, and that Trustor's failure to comply with the terms of this Paragraph 9.20 is a breach of contract such that Beneficiary shall have the remedies provided under Section 726 of the California Code of Civil Procedure ("Section 726") for the recovery of damages and for the enforcement thereof. Pursuant to Section 726, Beneficiary's action for recovery of damages or enforcement of this Deed of Trust shall not constitute an action within the meaning of Section 726(a) of the California Code of Civil Procedure or constitute a money judgment for a deficiency or a deficiency or a deficiency judgment within the meaning of Sections 580a, 580b, or 726(f) of the California Code of Civil Procedure.

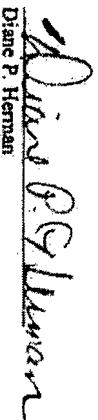
(f) The obligations of Trustor under this Paragraph 9.20 and the terms hereof (together with any other rights, obligations or terms under the Loan Documents necessarily necessary to give effect to the provisions of this Paragraph 9.20) shall survive the repayment of the Obligations and any foreclosure, deed in lieu of foreclosure or similar proceedings by or through which Beneficiary or any of its successors or assigns or any other person bidding at a foreclosure sale may obtain title to the Land or any portion thereof.

9.21 **Costs and Fees of Trustor.** All costs, fees and expenses (including those of Beneficiary's legal counsel and consultants) (collectively, "Costs") incurred by Beneficiary in making, administering or collecting the Loan including, without limitation, Costs incurred by Beneficiary in connection with any inspections, reports, tests, inquiries and reviews, condemnation proceedings, endorsements to (or replacements or rewrites of) the title policy issued to Beneficiary upon the funding of the Loan, subsequent actions or proceedings in which Beneficiary and/or Trustee may appear or be made a party (including foreclosure or other proceedings commenced by those claiming a right to any part of the Real Property Collateral or any action to partition all or part of the Real Property Collateral, whether or not pursuant to final judgment and exercise of the power of sale contained herein, and whether or not the sale is actually consummated), and all sums expended by Trustee or Beneficiary in the exercise of any of their rights or remedies under this Deed of Trust shall be immediately due and payable by Trustor to Beneficiary upon demand, shall accrue interest at the Default Rate from the date of expenditure until paid, and shall be added to the indebtedness secured by the Loan Documents prior to any right, title or interest in or claim upon the Real Property Collateral attaching or accruing subsequent to the term of this Deed of Trust.

IN WITNESS WHEREOF, Trustor has caused this Deed of Trust to be dated for reference purposes as of the day and year first written above.

"Trustor"

Kevin L. Herman

  
Diane P. Herman



STATE OF CALIFORNIA,

COUNTY OF MADERA

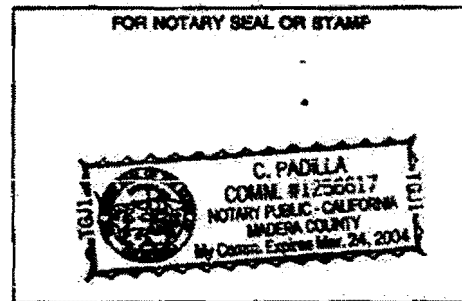
} s.s.

On FEBRUARY 12, 2003, before me, the undersigned,  
a Notary Public in and for said County and State, personally  
appeared Kevin L. Herman and Diane P. Herman

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature C. Padilla



TE 180 Legal (2-94)

This form is furnished by Chicago Title Company



**EXHIBIT "A"**

**Unincorporated area**

**PARCEL 1:**

All that portion of Section 6, Township 11 South, Range 18 East, Mount Diablo Base and Meridian, according to the official plat thereof, lying North and East of the Atchison Topeka and Santa Fe Railroad right-of-way.

EXCEPTING THEREFROM that portion granted to the County of Madera in Deed dated March 21, 1967 and recorded April 19, 1967 in Book 987 of Official Records of Madera County, at page 66, described as follows:

The West 58 feet of said Section 6 from the AT & SP Railroad right-of-way North 404.80 feet along the Section line, including access right; also, the West 40 feet of the North 971.90 feet of said Section 6.

ALSO EXCEPTING THEREFROM an undivided 25% interest in all oil, gas, minerals and other hydrocarbon substances in and under said lands, together with the right at all times to enter on the above-described lands to remove all oil, gas, minerals and other hydrocarbon substances as reserved by Haskell T. Buckley, a married man dealing with his separate property; Halliday T. Buckley, a married man dealing with his separate property; Haskell T. Buckley, trustee of the trust created by last will and testament of Bevley Buckley, deceased, for the benefit of Alice Lavern Hendrix and Haskell T. Buckley, trustee of the trust created by last will and testament of Bevley Buckley, deceased, for the benefit of Mildred A. Overstreet, all of which trust was incorporated in the Decree of Distribution had in the matter of the Estate of Bevley Buckley, deceased, a certified copy of which Decree was recorded May 25, 1976 in Book 1273 of Official Records of Madera County at pages 3 through 17, inclusive.

APN: 031-221-001

**PARCEL NO. 2:**

All that portion of Section 5, Township 11 South, Range 18 East, Mount Diablo Base and Meridian, according to the official plat thereof, lying West of Raymond Road, being also known as Road 28 ½.



**EXCEPTING THEREFROM** an undivided 25% interest in all oil, gas, minerals and other hydrocarbon substances in and under said lands, together with the right at all times to enter upon the above-described lands to remove all oil, gas, minerals and other hydrocarbon substances; as reserved by Haskell T. Buckley, a married man dealing with his separate property; Haliday T. Buckley, a married man dealing with his separate property; Haskell T. Buckley, trustee of the trust created by last will and testament of Bevley Buckley, deceased, for the benefit of Alice Lavern Hendrix and Haskell T. Buckley, trustees of the trust created by last will and testament of Bevley Buckley, deceased, for the benefit of Mildred A. Overstreet, all of which trust was incorporated in the Decree of Distribution had in the matter of the Estate of Bevley Buckley, deceased, a certified copy of which Decree was recorded May 25, 1976 in Book 1273 of Official Records of Madera County at pages 3 through 17, inclusive.

APN: 031-222-001



## H-2 Phase I Environmental Site Assessment Addendum



July 2, 2007

Contract Administrator  
**Wellington Corporation of Northern California**  
18640 Sutter Boulevard, Suite 100  
Morgan Hill, California 95037

RE: Phase I Addendum, Madera-Herman Parcels, Madera, California

Dear Contract Administrator:

This environmental site assessment (ESA) addendum letter is intended to supplement the information provided in the original Phase I environmental site assessment report, titled *Phase I and Phase II Environmental Site Assessments, Madera-Herman Parcels, Madera, California*, dated February 23, 2007. This addendum has additional information deemed necessary to render the Phase I portion of the earlier report more compliant with the new ASTM E1527-05 standard.

**Current Uses and Physical Description of the Site**

At the time of the Site reconnaissance on December 14, 2006, no access to the steel storage container adjacent to the shop building was available. A summary of Site features observed during the December reconnaissance is presented in the following table.

**SUMMARY OF OBSERVED SITE FEATURES**

Feature	Observed	Not Observed	Comments
Aboveground storage tanks	✓		Details on all features indicated as observed were summarized in the original ESA report.
Agricultural wells	✓		
Domestic wells	✓		
Drains or sumps	✓		
Drums	✓		
Hazardous substances and/or petroleum products		✓	The septic system was not observed, but was present for the shop building.
Odors		✓	
Pits, ponds, or lagoons		✓	
Pools of liquid	✓		
Septic system		✓	



Feature	Observed	Not Observed	Comments
Solid waste		✓	
Stained or corroded soil and/or pavement			
Stressed vegetation		✓	
Transformers		✓	
Underground storage tanks		✓	
Wastewater		✓	

### User Provided Information

Additional information regarding the User's knowledge of the Site was requested of Mr. Glenn Pace of Wellington Corporation of Northern California, through a questionnaire completed and attached to this addendum.

Mr. Pace reportedly had no knowledge of environmental documents previously prepared for the Site, with the exception of the Title Report presented in the original ESA. Furthermore, Wellington Corporation of Northern California reportedly was not aware of any obvious indicators of the likely presence of contamination at the Site. They reported no knowledge of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property and had not reported receiving notices from any governmental entity regarding the possible violation of environmental laws or possible liability relating to such materials.

### Current Owner-Provided Information

Additional information regarding the current Site Owner's knowledge of the Site was requested of Mr. Kevin Herman through a questionnaire completed and attached to this addendum.

Mr. Herman indicated that there were no environmental cleanup liens filed or recorded for the Site under Federal, Tribal, State, or local law. Mr. Herman was not aware of any environmental activities or cleanups associated with the Site. Furthermore, Mr. Herman reported no specialized knowledge or experience with regards to potential environmental conditions at the Site or surrounding properties. Mr. Herman reported no knowledge of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property and had not reported receiving notices from any governmental entity regarding possible violation of environmental laws or possible liability relating to such materials.

### **Past Site Owner Interview**

As part of this study, attempts were made to contact previous Site owners and occupants, as identified in the provided title report documentation and Madera County Environmental Health Department (MCEHD) underground storage tank (UST) files summarized in the original ESA. Historic owner names available through the study include DeBenedetto Farms, Haskell Buckley, and Bevley Buckley. Contact information for DeBenedetto Farms was included in the MCEHD file and was available on the internet, but the information provided was no longer valid and contact was unable to be made. We were unable to find contact information for Haskell and Bevley Buckley through our internet search.

### **Regulatory Agency Representative Interview**

Ms. Vanessa Kohout of the MCEHD was interviewed over the telephone on April 24, 2007. Ms. Kohout reported that no specific knowledge regarding hazardous materials and/or petroleum hydrocarbons related to the Site, other than that in the closed file summarized in the original Phase I ESA report, was available.

### **Potable Water Source and Method of Sewage Disposal**

Based on visual observations made during the December 2006 Site reconnaissance, an on-Site domestic water supply well is the source of potable water for the Site. Sewage disposal appears to be through a septic system, located in the vicinity of the shop building.

### **Additions**

The following additions to ASTM Practice E1527-05 were made in the original ESA.

- Department of Oil, Gas, and Geothermal Resources (DOG) maps for the Site and immediate vicinity were reviewed.
- Radon data for the Site vicinity was reviewed.
- State and Federal well data for the Site vicinity was reviewed.
- Soil and ground water sampling and analysis were performed.



### Additional References

USGS. *Kismet Quad 7.5-Minute Topographic Map*. 1987.

Department of Oil, Gas, and Geothermal Resources Website.  
[www.conservation.ca.gov/DOG/maps/d5\\_index\\_map1.htm](http://www.conservation.ca.gov/DOG/maps/d5_index_map1.htm)

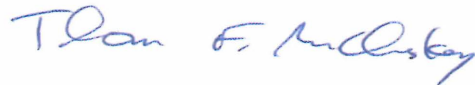
### Qualifications and Signatures

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professionals as defined in Section 312.20 of 40 CFR 312. We have the specific qualifications, based on education, training and experience to assess the nature, history, and setting of the subject Site. We have developed and performed all the appropriate inquiries to conform to the standards and practices set forth in 40 CFR 312.



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Belinda P. Blackie, R.E.A., P.E.  
Senior Project Engineer

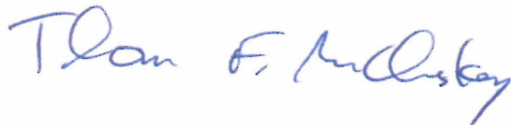


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Thomas F. McCloskey, P.G., C.HG.  
Director, Property Development  
Services

If you have any questions or concerns regarding this addendum, please feel free to contact me at (510) 451-1761 X 202 (office) or (925) 786-7701 (mobile).

Sincerely,



Thomas F. McCloskey, P.G., C.E.G., C.HG.  
Director, Property Development Services

Attachment: User Questionnaire  
Owner Questionnaire

Copies: Addressee (4 hard copies, e-mail copy)  
McPharlin Sprinkles & Thomas LLP (e-mail copy only)  
Attn: Ms. Katherine L. Hardt-Mason, Esq.  
Ms. Tamara Gabel, Esq. (e-mail copy only)

## Phase I "User" Questionnaire

As the "User" of the Phase I environmental site assessment being performed at your request following the scope of ASTM Practice E 1527-05, we would appreciate it if you could answer the following questions as specifically as reasonably feasible and in good faith to the extent of your knowledge.

Please attach any of the following relevant reports or other documents to this questionnaire.

- Environmental site assessment reports
- Geotechnical reports and/or hydrogeologic studies
- Risk assessments
- Compliance audits
- Community right-to-know plans
- Safety plans
- Preparedness/prevention plans
- Spill prevention/countermeasure/control plans
- Environmental/hazardous waste generator permits, notices, or other correspondence
- Violation and/or environmental lien notices or other correspondence
- Underground or aboveground storage tank documents or permits
- Underground injection system documents or permits
- Hazardous material management/business plans
- Material safety data sheets (MSDSs)
- Chemical inventories
- Records of activity and use limitations

- 1) Based on your knowledge and/or experience with the Site, are there any obvious indications that contamination of the property is or may be present?

Yes (if yes, please provide information below)  No

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- 2) Please provide any information you have regarding current and/or past owners/tenants and uses of the Site. Please also include any available contact information for past owners/tenants.

Kevin and Diane Herman, owners- (559) 661-8253. The property is presently planted with Fig and almond Trees and to the best of my knowledge has been used for agricultural purposes for many years.

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- 3) Please provide any information you have regarding chemicals or other hazardous materials currently and/or historically present on the Site.

No information

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4) What is the current zoning of the Site? Do you have knowledge of what the site historically was zoned, if different from the current zoning?

Agriculture.

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5) Please provide any information you have regarding spills or other chemical releases that have occurred on the Site and any cleanup activities that have been required and/or performed.

No information

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6) Do you have knowledge of any environmental cleanup liens or activity and land use limitations (including engineering or institutional controls or land use restrictions) filed or recorded for the Site under federal, tribal, state, or local law?  Yes (if yes, please provide information below)  No

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7) Do you have any specialized knowledge of, or experience with, similar business, development, or facility types to this Site or nearby properties that would be material to the environmental condition, presence of chemicals, and/or uses of the Site and nearby properties?  Yes (if yes, please provide information below)  No

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8) Does the purchase price being paid for this Site reasonably reflect the fair market value of the property?  Yes  No (if no, please indicate below whether the known or suspected presence of contamination that may be reflected in the sub-market price)

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9) Do you have any knowledge of pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from this Site?  Yes (if yes, please provide information below)  No

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10) Have you received notice from any governmental entity regarding possible violation of environmental laws or liability relating to hazardous substances or petroleum products associated with the Site?  
 Yes (if yes, please provide information below)  No

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Completed by:

Gavin M. Pace  
Name (Print)

*Gavin M. Pace* <sup>President</sup>  
Signature

11/27/07  
Date



FROM: BELINDA P. BLACKIE

PHONE NO.: 488 268 8527

Apr. 24 2007 12:56PM PZ

\* Also: Do you have a name & any contact info for the party you purchased the property from?



Phase I "Owner/Occupant" Questionnaire

As the owner and/or occupant of the property for which a Phase I environmental site assessment is being performed following the scope of ASTM Practice E 1527-05, we would appreciate it if you could answer the following questions as specifically as reasonably feasible and in good faith to the extent of your knowledge.

1) Do you have knowledge of any environmental cleanup liens or activity and land use limitations including engineering or institutional controls or land use restrictions filed or recorded for the Site under federal, tribal, state, or local law?
 Yes If yes, please provide information below
 No

2) Do you have any specialized knowledge of, or experience with, similar business, development, or facility types to this Site or nearby properties that would be material to the environmental condition, presence of chemicals, and/or uses of the Site and nearby properties?
 Yes If yes, please provide information below
 No

3) Do you have any knowledge of pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from this Site?
 Yes If yes, please provide information below
 No

4) Have you received notice from any governmental entity regarding possible violation of environmental laws or liability relating to hazardous substances or petroleum products associated with the Site?
 Yes If yes, please provide information below
 No

Completed by: KEVIN HERMAN Name (Print) Signature Date 4-23-07





H-3 2017 Phase I  
Environmental Site  
Assessment

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# Phase I Environmental Site Assessment

## Castellina Property

17158 Road 28½

(APNs 031-221-001 and 031-222-001)

Madera, Madera County, CA 93638

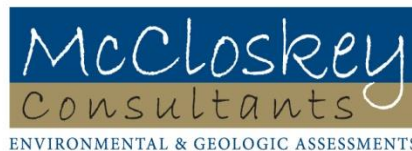
Prepared for:

Castellina, LLC  
Morgan Hill, California

April 27, 2017

Prepared by:

McCloskey Consultants, Inc.



# PHASE I ENVIRONMENTAL SITE ASSESSMENT

Castellina Property

17158 Road 28½  
(APNs 031-221-001 and 031-22-001)  
Madera, Madera County, CA 93638

**April 25, 2017**

**Prepared for:**

Castellina, LLC

**Prepared by:**

**McCloskey Consultants, Inc.**

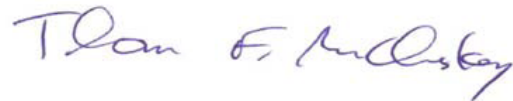
**420 Sycamore Valley Road West**

**Danville, CA 94526**



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Christopher Vertin  
Environmental Engineer



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Thomas F. McCloskey, P.G., C.E.G., C.Hg.  
Principal Geologist



## **EXECUTIVE SUMMARY**

Castellina, LLC has retained McCloskey Consultants, Inc. to perform a Phase I Environmental Site Assessment (ESA) for the 793.45-acre (34,562,682-square-foot) property located at 17158 Road 28½, in Madera, Madera County, California. The purpose of this assessment was to identify Recognized Environmental Conditions (RECs) associated with the property as defined by ASTM E 1527-13, Standard Practice for Environmental Site Assessments.

Prior to cultivation with row crops in the mid- to late-1970s/early-1980s, the Site appeared to be undeveloped land. The original shop building was constructed on the Site in 1978, and orchards first appeared cultivated on the Site as early as 1996. Currently, the Site is cultivated with fig and almond orchards, with newer shop buildings present in a similar location to the original shop.

The current property owner, Kevin Herman/Kevin Herman Ranches, reportedly has utilized the property for agricultural purposes since 2001. Standard agricultural practices included application of agricultural chemicals to the Site. At the time of this study, agricultural chemicals used by the current Site owner were stored in a locked, vented container on the Site. Based on information obtained during a 2007 Phase I ESA (SES, 2007) fertilizers and herbicides were mixed at the on-Site wellheads and in application trailers in the orchards prior to application. Once empty, containers were transported to an off-Site facility for appropriate processing and subsequent disposal. Soil sampling was performed across the cultivated portions of the Site, as well as in the vicinity of agricultural wells and the shop area (SES, 2007), and no significant concentrations of residual pesticides or pesticide-related metals were identified that exceeded regulatory standards for residential uses.

Five agricultural wells and one domestic well are documented on the Site. The well pumps at the Site had been converted from diesel power to electric power since the previous 2007 ESA. Relatively small areas of soil staining from petroleum hydrocarbons was observed during the current reconnaissance. Soil sampling was performed in the immediate vicinity of the well pumps in 2007 to evaluate the vertical extent of stained soil observed at the time. None of the deeper soil samples demonstrated elevated concentrations of petroleum hydrocarbons thus indicating relatively small releases.

Hazardous materials storage, mostly motor oils and pump oils, was observed on the concrete slab inside the shop building. Secondary containment was not provided. Evidence of significant spills or releases was not observed. Diesel fuel and liquid fertilizer above-ground storage tanks (ASTs) were located outside the shop building. Evidence of spills or releases from the ASTs was not observed. Soil sampling was performed in 2007 by others (SES, 2007) in areas of stained soil observed adjoining the ASTs at some of the wellheads, and a small quantity of shallow soil was

determined to be impacted, but deeper contamination was not detected. MCI recommends the previously-identified impacted soil, as well as that observed at the time of the current study, be removed and verification sampling be conducted prior to the property transaction.

Two underground storage tanks (USTs) historically were located near the east side of the former shop building. The two USTs reportedly were installed in 1984 and subsequently removed in 1989. At the time of removal, low concentrations of gasoline-range hydrocarbons, toluene, ethylbenzene, and xylenes were detected in verification soil samples collected from the base of the excavation. Impacted soil reportedly was removed and aerated on-site. Following aeration of the soil for several months, hydrocarbon concentrations diminished and the case was closed by the Madera County Environmental Health Department in October 1989. As it appeared the aerated soil may have been replaced into the excavation, a soil boring was completed in the estimated excavation area in 2007 to evaluate the condition of the backfilled soil. Hydrocarbons were not identified in the samples obtained from this boring. No information was available regarding the compaction of backfill which may be subject to settlement over time. The geotechnical engineer for the proposed redevelopment project should be advised of the former excavation.

At the time of the 2007 study, groundwater samples from three of the agricultural water supply wells were analyzed for a suite of potential contaminants. Analytical data reportedly did not document any contaminants at concentrations exceeding drinking water standards in place at the time; concentrations detected also do not exceed current drinking water standards. The entire Title 22 list of compounds for drinking water supplies was not analyzed at that time. Motor oil was detected in the water sample collected from Well #3 but at a low concentration likely attributable to the oil-lubricated pump, and will degrade by natural processes. If the wells on the Site are not planned for use following redevelopment of the property, appropriate abandonment will be required in accordance with State law.

Based on the age of the structures on the Site, soil sampling conducted in the vicinity of the previous shop building by others in 2007 did not document significant impact to surrounding soil by flaking lead-based paint.

Information contained in the regulatory agency database search report did not reveal the presence of vicinity properties appearing likely to have significantly impacted the Site through documented releases to soil and/or groundwater.

This ESA has revealed no evidence of additional RECs in connection with the Site since the previous 2007 investigations (SES, 2007). Additional investigation is not recommended.

As part of this study, a Tier 1 screening assessment of the potential for vapor encroachment conditions (VECs) to exist at the Site was conducted in general accordance with ASTM E-2600-

13. The Site, adjoining properties, and properties located up-gradient from the Site, with respect to anticipated groundwater flow, were evaluated for the potential to create a VEC at the Site. As discussed in Section 7.3, the potential for a VEC to exist at the Site appears very low. No significant petroleum hydrocarbon releases were reported within 1/10 mile or volatile organic hydrocarbon releases were reported within 1/3 mile in a hydraulically up-gradient direction from the Site. Additional screening is not recommended at this time.

Soil and groundwater quality investigations conducted on the Site by others in 2007 did not identify environmental conditions that would significantly impact the planned site redevelopment. Small areas of hydrocarbon-impacted soil were identified near the agricultural wells and shop however. The impacted soil was documented in surficial soil only, and the prior consultant recommended hand-removal and off-site disposal. No documentation of removal and/or the performance of verification sampling was found. MCI recommends the previously-identified impacted soil be removed and verification sampling be conducted prior to the property transaction.

In addition, secondary containment should be provided for all agricultural chemicals and other hazardous materials/wastes currently used at the Site.

## ASSESSMENT FINDINGS MATRIX

Site Name: Castellina Property

Site Address: 17158 Road 28½, Madera, Madera County, California Site APNs: 031-221-001 & 031-222-001

Site Development Type: Orchards and Shop Building

Issue	Located?	Text Section (s)	Comments
Hazardous Materials and/or Hazardous Wastes	Yes	2.3	Fertilizer, herbicide, and pesticide containers, two 10,000-gallon diesel ASTs, one 1,000-gallon waste oil AST, eleven 55-gallon drums of possible waste oil, several drums of virgin oil, and assorted containers of oil and other miscellaneous equipment maintenance materials were observed.
55-Gallon Drums	Yes	2.3	Several located near the waste oil AST. Plastic drums of algaecides and sodium hypochlorite were located at the well heads.
Aboveground Storage Tanks	Yes	2.3	Two diesel ASTs, one waste oil AST, several agricultural chemical ASTs (fertilizers, pesticides, and herbicides), and a propane AST were observed in the shop and maintenance area.
Underground Storage Tanks	No	7.4	Two fuel USTs removed from the Site in 1989.
Monitoring Wells	No		
Water Supply Wells	Yes	2.3 & 7.6	Five agricultural wells and one domestic well observed. Appropriately abandon wells if not planned for use following property redevelopment.
Visual Evidence of Hazardous Materials Release	Yes	2.3 & 6.0	Confirm and/or perform removal of previously-identified impacted surface soil.
Transformers	Yes	2.3 & 7.6	Six pole-mounted transformers were observed; one at each agricultural well and one at the shop building.
Impact to On-Site Soil and/or Ground Water	No	6.0	No significant impact documented during 2007 soil and ground water quality investigation.
Off-Site Contamination of Potential Concern to Site	No	7.2.2	
Soil Vapor Intrusion Concerns	No	7.3	
Potential for Elevated Radon	Low	7.7	Madera County is located within Radon Zone 2.
Potential for Lead-Based Paint	Low	6.0 & 9.8	Based on age of structures (1978) and previous soil quality investigation.
Potential for Asbestos-Containing Building Materials	Low	9.8	Based on age of structures (1978).
Undocumented Fill	No	7.4	Other than potential presence of uncompacted fill within former UST excavation.
Historical or Current Use of Site for:			
Dry Cleaner	No		
Gas Station	No		
Industrial/Manufacturing	No		
Auto Maintenance/Repair	Yes	2.3 & 6.0	Vehicle and equipment maintenance and repair conducted in current and original shop.
Landfill/Dump	No		
Additional Concerns	No		

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## **1.0 INTRODUCTION**

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### ***1.1 Statement of Purpose***

McCloskey Consultants, Inc. (MCI) was retained by Castellina, LLC to perform a Phase I Environmental Site Assessment (ESA) for the property located at 17158 Road 28½ in Madera, California. Based on information provided by Castellina, LLC, purchase and residential development of a master planned community on the Site is under consideration.

The purpose of this study was to identify Recognized Environmental Conditions (RECs) associated with the property in accordance with the scope and limitations of the American Society of Testing and Materials (ASTM) E 1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Exceptions to the ASTM E 1527-13 scope were limited to those deviations described in Section 10.0. The scope of investigative activities and initial findings are summarized in the following sections.

This ESA has been prepared by MCI for the sole use of Castellia, LLC (User); the ESA is valid for six months in accordance with ASTM guidelines.

### ***1.2 Scope of Assessment***

This ESA consisted of the following tasks:

- Performance of a Site reconnaissance;
- Review of historical Site uses and conditions;
- Review of environmental databases and other information;
- Interview of a representative of the Site owner/operator; and,
- Preparation of a report summarizing the findings, conclusions and recommendations.

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## **2.0 SITE DESCRIPTION**

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### ***2.1 Site Location***

The Site is located at 17158 Road 28½, adjoining northeast of the railroad tracks between Roads 27 and 28½, in Madera, California. Madera is located in the southwestern portion of Madera County, within the Central Valley south of Merced and north of Fresno (Figure 1). The Site consists of two adjoining parcels, one rectangular and one of irregular shape, identified as assessor's parcel numbers (APNs) 031-221-001 and 031-222-001 by the Madera County Assessor's Office (MCAO), and is 793.45 acres (34,562,682 square feet) in size.

## **2.2 Site Vicinity and General Characteristics**

The Site vicinity is primarily residential and agricultural, with Avenue 17 followed by rural residential development adjoining to the south, agricultural fields and rural residential development adjoining west of the railroad tracks and agricultural fields east of Road 28½, and undeveloped land north of Avenue 18. Site topography slopes gently towards the south with the Site elevation ranging from approximately 282 to 308 feet above mean sea level. The vicinity topography also slopes very gently towards the south. The Site boundaries are delineated by fencing, the railroad right-of-way, and adjoining streets.

## **2.3 Current Uses and Site Reconnaissance Observations**

A reconnaissance of the Site was conducted by Mr. Chris Vertin of MCI on March 9, 2017. Mr. Vertin was unaccompanied at the time of his reconnaissance. No significant Site access limitations were encountered.

At the time of our reconnaissance, the entire Site was cultivated with a combination of fig and almond orchards. Numerous dirt farm roads traversed between the orchards, with the main dirt/asphalt road (gated at both ends) traversing the Site from west to east across the approximate middle. Power lines traverse the Site along the southern side of the main access road. A newer fruit packing building was constructed on the southeastern portion of the Site. The building consisted of a metal framed with a concrete floor. The structure had a metal roof and was open on the southern and eastern sides. The northern side was mostly closed with an approximate 3-foot opening along the bottom of the metal siding. The western side was fully closed. A concrete pad with shade cloth was located adjacent to the southern side of the structure.

Immediately north and south of the main dirt road, near the center of the Site, was an approximately 1.5-acre area (Figures 2 and 3) which had a shop building, two wells, and several ASTs. The portion of the uncultivated area south of the main dirt road appeared to be used for storage of farm-related equipment, as described below.

### *Open Area South of Road*

Assorted flatbed trucks, trailers, other farm machinery, and old trucks were observed parked on the soil and gravel surface of the uncultivated area south of the main dirt road. Miscellaneous household debris (old fans, strollers, cooler and folding chairs) was observed on the southeastern corner of the open area. A few fertilizer and pesticides ASTs were located around the western and southern sides of the open area. An empty fuel AST was also located on the southern side of the open area.



### *Developed Area North of Road*

An approximately 3,100-square-foot, pre-fabricated steel shop building on a concrete slab foundation was present on the uncultivated area north of the main dirt road. A small office and restroom facility were present within the shop building, as was an area used for maintenance of farm equipment. Typical hand tools, a drill press, automotive batteries, three cylinders of compressed welding gasses, an air compressor, one overhead lift (aboveground), and a hazardous materials storage area were observed within the equipment maintenance portion of the shop. Within the hazardous materials storage area were observed three large elevated “lube cubes” (small ASTs), one smaller drum, and other assorted containers of engine oil and other equipment maintenance materials. Oil-stained concrete was observed beneath the oil drums. Small quantities (1 quart to 5 gallons each) of assorted equipment maintenance materials were observed on work benches as well as on the shop floor.

Immediately outside the south side of the shop building was a dirt parking area. Immediately outside the north side of the shop building, storage of assorted parts and machinery associated with the on-site agricultural operations was observed. Eleven 55-gallon drums were present on pallets outside the northwestern corner of the shop building (Figure 3). The majority of the drums were unlabeled; several of the drums appeared to be full with light soil staining observed beneath the drums. In the same general location as the drums, was observed a 1,000-gallon waste oil AST on a concrete slab within a low concrete block containment. Light soil staining observed around the waste oil AST concrete containment.

On the far northern portion of the area north of the shop building, assorted farm machinery was observed. One well (domestic water supply well) with an associated small pressure tank was observed north of the shop building as well (Figure 3). Northeast of the shop building was a large propane AST on a concrete slab (Figure 3). East of the shop building, four 5,000-gallon plastic fertilizer ASTs, one steel storage container (agricultural equipment and supplies), and two 10,000-gallon diesel ASTs were observed (Figure 3). The diesel ASTs had no secondary containment and fuel was supplied to equipment with hand pumps; some minor staining was observed around the diesel ASTs. Southeast of the shop building, immediately south of the diesel ASTs, was agricultural Well #2 (see discussion below). West of the shop building were several assorted farm machinery were observed.

### *Orchard Areas*

The remainder of the site consisted of fig and almond orchards. An intermittent creek bed was visible on the northwestern portion of the site (Figure 2). Near the middle of the northern half of the site, an approximately 120-foot by 140-foot burn pile, primarily consisting of burned trees, was observed. Only organic matter was observed on the burn pile. Along the northern

Site boundary on the eastern side of the Site was observed another similar burn pile, approximately 250-feet by 60-feet in dimension. As with the first burn pile, only organic matter was observed in the pile. On the northeastern quadrant of the Site was a small area where fruit packing is performed at harvest time. At the time of our reconnaissance, the area was surrounded by poles which, at packing time, would support a shade cloth. A second fruit packing area was observed on the southeastern quadrant of the Site. The fruit packing area on the southeastern portion of the Site consisted of a metal framed structure approximately 70 feet long by 50 feet wide. The metal-framed structure had a concrete floor and was primarily open on the southern and eastern sides. A concrete pad with shade cloth was located adjacent to the southern side of the metal-framed structure.

### *Agricultural Wells*

Five agricultural wells and associated appurtenant structures were present on Site, four of the five are located along the north side of the main dirt /asphalt road (Figure 2). The well pumps were labeled Wells #1 through #5. The four well pumps located on the northern side of the main road were converted from diesel-fueled to electric. Pole-mounted transformers were located adjacent to each of the wellheads. The diesel ASTs that were documented in adjacent secondary containment structures at the time of the 2007 ESA have been removed.

The wellhead and piping for Well #1 were located on an approximately 10-foot by 30-foot concrete slab. The pump itself was removed and does not appear to be operational. Hydrocarbon staining was observed on the concrete slab around the wellhead, as well as on the soil and gravel around the pump on both sides of the concrete slab. Well #1 had a concrete block enclosure adjacent to the wellhead, remaining from the former diesel AST. The interior of the containment area appeared dry with miscellaneous agricultural debris and an old tire. One 55-gallon drum of "Tesei Turbo Pump Oil 32" lubricant was observed on the concrete slab immediately north of the wellhead. Two large plastic drums of Water Guard WG 2500 and WG 3000 algaecide / bactericides were observed connected to a water logic system west of the wellhead.

The wellhead, pump, and piping of Well #2 also were located on a concrete slab of similar size to that of Well #1. The pump itself was located on elevated skids. Oil stains were observed around the wellhead. Well #2 had a concrete block enclosure adjacent to the wellhead, remaining from the former diesel AST. The containment area appeared dry and no significant staining was observed. Traffic cones and miscellaneous agricultural debris were observed within the containment area. One 55-gallon drum of pump oil lubricant was observed on the concrete slab adjacent to the wellhead. Two large plastic drums of Water Guard WG 2500 and WG 3000 algaecide / bactericides were observed connected to a water logic system west of the

wellhead. Several empty plastic fertilizer/pesticide containers were observed to the northeast of the pump pad.

The wellhead, pump, and piping of Well #3 again were located on a similar sized concrete slab to the other two pumps. Only minor staining was observed around the wellhead on the concrete and surrounding soil. Well #3 had a concrete block enclosure adjacent to the wellhead remaining from the former diesel AST. Water accumulation was observed within the containment. Miscellaneous agricultural debris (plastic, wood, piping) was observed within the containment area. A small water storage pond was located north of the well pump. One 55-gallon drum of pump oil lubricant was observed on the concrete slab adjacent to the wellhead. Two large plastic drums of Water Guard WG 3000 algaecide / bactericides and Enviro-Chlor (sodium hypochlorite) were observed connected to a water logic system west of the wellhead. Three storage/agricultural-chemical ASTs were located west of the pump.

The wellhead, pump, and piping of Well #4 were located on a similar concrete slab to the other three well systems. The system was partially fenced on the eastern side of the concrete pad. Oil stains were observed on the concrete adjacent to the pump motor and around the wellhead; oil staining also was observed on the gravel adjacent to the concrete slab. Pump #4 had a concrete block enclosure adjacent to the wellhead remaining from the former diesel AST. Miscellaneous agricultural debris (plastic, wood, hosing) and three empty plastic buckets were observed within the containment area. One 55-gallon drum of pump oil lubricant was observed on the concrete slab adjacent to the wellhead. Two large plastic drums of Water Guard WG 3000 algaecide / bactericides and Enviro-Chlor (sodium hypochlorite) were observed connected to a water logic system west of the wellhead.

The wellhead, pump and piping of Well #5 were located on a smaller concrete slab than the other wells. One 55-gallon drum of pump oil lubricant was observed on the concrete slab adjacent to the wellhead. The pump and wellhead are located on the northern side of a small storage pond. A small structure for the power connection to the well is located north of the wellhead. The piping from the well appears to extend to a large storage pond southwest of the wellhead. Another concrete pad and piping were observed on the eastern side of the large storage pond. Two large plastic drums of Water Guard WG 3000 algaecide / bactericides and Enviro-Chlor (sodium hypochlorite) were observed connected to a water logic system located on the second concrete pad east of the large storage pond. A fertilizer AST was located on a trailer observed east of the large storage pond. Several boxes of fertilizer were located around the base of the trailer.

A summary of Site features is presented in Table 1. Site photos are included in Appendix A.

**Table 1. Summary of Site Features**

Feature	Observed	Not Observed	Comments
Above-ground storage tanks	✓		Two diesel ASTs, one waste oil AST, several agricultural chemical ASTs (fertilizers, pesticides and herbicides), and one propane AST.
Agricultural/Irrigation wells	✓		Five located
Domestic wells	✓		One located
Drains or sumps		✓	
Drums	✓		Several drums (11) were observed around the waste oil AST; plastic drums of algacides and sodium hypochlorite were located at the well heads.
Hazardous substances and/or petroleum products	✓		Fertilizer, herbicide, and pesticide containers, two 10,000-gallon diesel ASTs, one 1,000-gallon waste oil AST, eleven 55-gallon drums of possible waste oil, several drums of virgin oil, and assorted containers of oil and other miscellaneous equipment maintenance material observed.
Odors		✓	
Pits, ponds or lagoons	✓		A small reservoir is associated with Well #3 and Well #5. A larger reservoir is also associated with Well #5.
Pools of liquid		✓	
Septic system	✓		A septic system appears located south of the maintenance building.
Solid waste		✓	
Stained or corroded soil and/or Pavement		✓	Minor staining observed around the waste oil AST as well as around four of the five wellheads and pumps
Stressed vegetation		✓	
Transformers	✓		Transformers are located on power poles adjacent to each agricultural well pump, with one additional transformer located near the maintenance building.
Underground storage tanks		✓	
Wastewater		✓	

## **2.4 Current Uses of the Adjoining Properties**

The Site is located in a primarily residential and agricultural area of Madera. Undeveloped land is present north of the Site, single-family residential properties are present south of the Site, single-family residential properties and agricultural fields adjoin the Site to the west, and agricultural fields adjoin the Site to the east.

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## **3.0 USER-PROVIDED INFORMATION**

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As part of this study, Mr. Glenn Pace, manager for Castellina, LLC, the User of the Phase I report, was provided with an environmental questionnaire regarding the Site. The environmental questionnaire is used to obtain current and historical information relating to the Site. The questionnaire was completed by Mr. Pace on February 16, 2017; a copy is included in Appendix B.

Based on information provided in the questionnaire by Mr. Pace, development of a master planned community on the Site is under consideration. The Site currently is used as an orchard.

Mr. Pace was not aware of any indications of contamination on the Site. He indicated that the purchase price being paid for the Site reasonably reflects the fair market value of the property. Mr. Pace reported no knowledge of environmental cleanup liens, activity and land use limitations, or pending, threatened or past litigation or administrative proceedings related to hazardous substances or petroleum products at the Site. He also reported no receipt of notices from governmental entities regarding possible violation of environmental laws or liability related to the same.

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## **4.0 OWNER-PROVIDED INFORMATION**

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An environmental questionnaire also was provided to Mr. Kevin Herman of Kevin Herman Ranches, the current property owner. The environmental questionnaire for the owner is used to obtain similar information relating to the Site. Mr. Herman completed questionnaire on February 15, 2017, and a copy is included in Appendix B.

Based on information provided in the questionnaire by Mr. Herman, he has been associated with the Site for 16 years. The Site currently is used for agricultural purposes. Mr. Herman reported the presence of fuel and liquid fertilizer ASTs, five agricultural wells, one domestic supply well, a locked and vented dry chemical storage container, and a maintenance yard/shop on the Site, typical of an agricultural operation. Mr. Herman stated that waste agricultural chemical containers are taken to an off-site location where they are cleaned according to state

standards prior to disposal at a state-authorized landfill. The shop on the property, constructed circa 1980, was reported by Mr. Herman to be approximately 80 feet by 80 feet in area. No disposal of chemical waste to the sewer was reported.

Mr. Herman reported no knowledge of environmental cleanup liens, activity and land use limitations, or pending, threatened or past litigation or administrative proceedings related to hazardous substances or petroleum products at the Site. Mr. Herman also reported no receipt of notices from governmental entities regarding possible violation of environmental laws or liability related to the same.

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## **5.0 PAST SITE OWNER/OCCUPANT INTERVIEWS**

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Contact information for past Site owner(s)/occupant(s) was unavailable, and therefore interviews were unable to be conducted.

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## **6.0 REVIEW OF PREVIOUSLY-PREPARED ENVIRONMENTAL DOCUMENTS**

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The following previously-prepared environmental documents for the Site were available for MCI's review.

*Phase I and Phase II Environmental Site Assessments, Madera-Herman Parcels, Madera, California, Strategic Engineering & Science (SES) for Wellington Corporation of Northern California, February 23, 2007.*

*Phase I and Phase II Environmental Site Assessments Addendum Letter, Madera-Herman Parcels, Madera, California, SES, April 24, 2007.*

The previous Phase I was conducted in accordance with the ASTM E 1527-05 standard in place at the time. At the time of the 2007 Phase I/Phase II, the Site was developed similarly to that observed at the time of the reconnaissance conducted for the current study; the property owner also was the same. Historical Site development and use were documented to be similar to that noted in historical sources reviewed for the current study as well. A summary of the fuel USTs removed from the Site in 1989 and the subsequent remedial activities were documented in the previous report, as discussed in Section 7.4 of this report.

Information obtained by SES from the property owner during the 2007 study indicated that agricultural chemicals used on the orchards, including Roundup, Goal and Surflan, were stored off-Site. Fertilizers and herbicides reportedly were mixed at the wellheads and in application trailers parked in the orchards prior to application. Weed control in organic portions of the orchards reportedly was conducted with propane-fueled burning.

SES documented four agricultural wells at the site, each with a diesel-powered pump; small areas of stained soil (attributed to diesel leakage) were noted around the pumps. No garbage was reported to have been burned or buried on the Site; tree trimmings occasionally were reported to have been burned on the property. Vehicle and farm equipment maintenance activities reportedly were conducted in the on-Site shop building.

Soil sampling was conducted on the Site in January 2007, including collection of 15 surface soil samples from agricultural areas, seven surface and three deeper soil samples from the shop area (including one boring in the location of the removed USTs), and eight samples from around the agricultural wells (including one sample from a filter flush water “drain” adjoining one of the wells). Groundwater from three of the four agricultural wells also was sampled. The soil samples were analyzed for a suite of contaminants, including pesticides, arsenic, lead, mercury, California Assessment Manual (CAM) 17 metals, petroleum hydrocarbons and benzene, toluene, ethylbenzene and xylenes (BTEX), with the analytes varied based on sample location. The groundwater samples were analyzed for organochlorine and organophosphorus pesticides, chlorinated herbicides, cations, anions, selected metals, mercury, petroleum hydrocarbons, BTEX, methyl tertiary butyl ether (MTBE), chlorinated volatile organic compounds (VOCs), total dissolved solids, pH, dissolved oxygen, nitrogen and associated compounds, phosphorus, and ammonia.

Analytical data from soil samples from the cultivated areas, wellheads, and former shop areas indicated very low concentrations of several pesticides including DDT, DDE, Endosulfan I and Endosulfan II. All pesticide concentrations detected at that time were compared to current U.S. EPA Residential Regional Screening Levels (USEPA, 2016) and the California Human Health Screening Levels (Cal/EPA, 2005), and were several orders of magnitude less. Low concentrations of arsenic and lead also were detected in most of the soil samples. Lead concentrations were documented and were well below the current regulatory guidelines for residential uses and hazardous waste concentrations. Arsenic concentrations detected are representative of typical published background concentrations. A small volume of petroleum hydrocarbon-impacted soil was identified in the vicinity of the well pumps, and the waste oil drums and fuel ASTs in the shop area. Impacted soil reportedly was limited to near-surface soils. SES recommended impacted soil be removed with hand equipment and disposed off-site. No documentation was available indicating that this impacted soil was ever removed. Additionally, SES recommended notifying the geotechnical consultant for the redevelopment project of the lack of documentation for backfilling of the former UST excavation.

Analytical data from the groundwater sampling reportedly indicated the water was generally of good quality and yield. Comparison of the analytical data to “ideal lake water quality standards provided by Pacific Advanced Civil Engineering, Inc.” and drinking water standards reportedly indicated that nitrate and mercury exceeded the “ideal lake standard” in two of the wells. No

exceedances of drinking water standards were reported. Concentrations detected also do not exceed current drinking water standards. Motor oil was detected in the water collected from agricultural Well #3 but at a low concentration that will degrade by natural processes. It is likely attributable to the oil-lubricated pump. 55-gallon drums of pump oil were observed at each of the five well heads, and the motor oil detected is likely from oil-lubricated pumps.

Significant environmental concerns were not identified at the Site by SES. They concluded that the Phase II soil and ground water sampling did not identify environmental conditions on the Site that would significantly impact the planned residential redevelopment. No further assessment of the Site was recommended by SES.

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## **7.0 RECORDS REVIEW**

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### **7.1 Hydrogeology**

The town of Madera is located in the eastern-central portion of the Central Valley. The Central Valley is located in the Great Valley geomorphic province, consisting of a low fluviatile plain drained by the San Joaquin River. The Great Valley geologically consists of a trough containing sediments deposited continuously since the Jurassic period, primarily from the Sierra Nevada and coastal mountain ranges. Soils in the vicinity of the Site are categorized by the USDA Soil Conservation Service as Cometa and San Joaquin. Both Cometa and San Joaquin soils are well-drained, sandy loam with a high water table or shallow to an impervious layer and having very slow infiltration rates (EDR 2017).

The Site is located within the San Joaquin Valley Groundwater Basin, Merced Subbasin. The aquifer system in the subbasin consists of consolidated rocks of the Lone, Valley Springs and Mehrten Formations, as well as unconsolidated deposits laid down from the Pliocene to the present.

Based on site-specific hydrogeological information obtained from the Madera County Environmental Health Department (MCEHD), first groundwater is encountered at a depth of approximately 170 feet beneath ground surface. The groundwater flow direction is anticipated towards the west.

### **7.2 Environmental Record Database Review**

Various Federal and State regulations require that government agencies maintain records of environmental permits, records of properties generating, handling or storing hazardous materials, records of properties impacted by regulated compounds, and records of properties under investigation by the government for alleged violations of hazardous material regulations. Environmental Data Resources, Inc. (EDR), a specialized research firm, was contracted to



provide an electronic search of these databases, meeting the minimum search distances as outlined in ASTM E1527-13. A listing of the databases searched and the dates the database information last was updated are provided in the EDR Radius Map report included in Appendix C.

### **7.2.1 Site Records**

The Site was listed on two of the regulatory agency databases included in the report, AST and CUPA Listings.

The AST database, a record of facilities with registered above-ground storage tanks (ASTs), documented the property owner as Kevin Herman and the business name as The Specialty Crop Company. The total volume of ASTs at the Site was not reported.

The CUPA Madera listing also was for Kevin Herman, and documented storage of acetylene, diesel fuel, lubricating oils, motor oil, oxygen, propane, and waste motor oil. The Site was included in the hazardous materials inventory and hazardous material handler-Range 1 CUPA programs with the MCEHD.

At the time of the 2007 SES ESA, the Site also was listed on the Leaking Underground Fuel Tank (LUFT) and Cortese databases for a release of diesel to soil from a former on-Site UST. Further information on this release is included in Section 7.4.

### **7.2.2 Vicinity Facility Records**

Listings for off-Site facilities in the EDR report, including those identified as “orphan” facilities unable to be plotted due to incorrect or insufficient address information, were reviewed for their potential to impact the Site. None of the listed off-Site facilities appeared to be of significant concern.

## **7.3 Soil Vapor Intrusion Evaluation**

As part of this study, a Tier 1 screening assessment of the potential for vapor encroachment conditions (VECs) to exist at the Site was conducted in general accordance with ASTM E-2600-13. The Site, adjoining properties, and properties located up-gradient from the Site, with respect to anticipated groundwater flow, were evaluated for the potential to create a VEC at the Site. Using information from the EDR electronic database search report, releases (if reported) were evaluated based on the type of chemical and the distance to the Site. If a petroleum hydrocarbon plume was reported within 1/10 mile of the Site, or a volatile organic compound (non-petroleum hydrocarbon) plume was reported within 1/3 mile of the Site, in a hydraulically up-gradient direction, it was presumed a VEC could exist at the Site and additional screening may be warranted. Criteria regarding the distance and direction of a potential

release facility from the Site may be modified based on professional judgment. Recommendations for additional screening are based on criteria including Site use/proposed Site use, type of Site structure, physical setting, depth to groundwater, soil type, and presence of natural and/or man-made conduits.

Based on evaluation of the above criteria, the potential for a VEC to exist at the Site appears very low. No significant petroleum hydrocarbon releases were reported within 1/10 mile or volatile organic compound releases were reported within 1/3 mile in a hydraulically up-gradient direction from the Site. Additional evaluation is not recommended at this time.

#### **7.4 Local Regulatory Agency Record Sources**

On January 28, 2017, MCI requested available hazardous materials files and documents related to the presence or absence of environmental conditions and activities on the Site available from the MCEHD. One file associated with the Site was on record with the MCEHD and was provided to MCI via email; a copy of the provided documents is included in Appendix D.

The file was limited to a report documenting removal of two USTs from the Site in 1989. The report referenced the Site as Circle K Ranch (DeBenedetto Ranch) and the report by Norman Hanson and Associates, Inc. was titled *Removal of Underground Tanks, Circle K Ranch, Madera, California*, dated June 10, 1989.

One 2,000-gallon gasoline UST and one 5,000-gallon diesel UST, installed in 1984, were removed from a location approximately 11 feet outside the eastern wall of the “shop building” in May 1989 under MCEHD oversight. A fuel dispenser island had been removed at a prior, undocumented date. Historical review conducted for this study indicates that the “shop building” was a different structure than the shop currently present, but was present in a similar location. Following removal of the tanks, a “trace” of hydrocarbons was reportedly observed at the fill end of the tanks (nearest shop building). Verification soil samples were collected from the portion of the excavation beneath the former fill ends of the USTs at approximate depths of 15 and 17 feet, respectively. Analysis of the soil sample from beneath the diesel UST did not detect the presence of total petroleum hydrocarbons above 10 parts per million (ppm). Analysis of the sample from beneath the gasoline UST detected 22 ppm total volatile hydrocarbons, 0.37 ppm toluene, 0.21 ppm ethylbenzene, and 2.6 ppm xylenes; benzene was not detected above 0.02 ppm.

The UST removal report proposed that the excavated soil from the tank pit be spread on the ground in a thin layer so any contaminants could volatilize. There was no documentation of whether this activity was completed. However, the MCEHD file also contained an analytical data report for two soil samples, dated September 1989, appearing possibly to be post-aeration

sampling of the excavated soil. Analytical data from these samples documented that residual contaminant concentrations were limited to 14 ppm total petroleum hydrocarbons and 0.17 ppm toluene. An additional MCEHD file document, dated October 2, 1989, stated that the aerated soil was clean and the file was closed. No documentation on the fate of the aerated soil or backfilling/compaction of the UST excavation was available in the MCEHD file.

### **7.5 On-Line State Regulatory Agency Record Sources**

In addition to requesting files available at the local regulatory agencies, the on-line State Water Resources Control Board (SWRCB) Geotracker website and the California Department of Toxic Substances Control (DTSC) Envirostor website were reviewed on January 28, 2017. The Site was not included on the EnviroStor database, but was listed as Circle K Ranch on the Geotracker website. No documents for the Site were available through Geotracker, but the summary listed the Site status as Case Closed on August 7, 1990 with soil as the media of concern. In addition to reviewing the databases for the Site, no vicinity facilities of potential concern were identified on the Geotracker or Envirostor databases.

### **7.6 Potable Water Source, Power Source, and Method of Sewage Disposal**

Municipal potable water and sewage disposal services are not provided to the Site at the present time. There are five agricultural wells and one domestic supply well which serve the property. Two septic systems were documented on the parcel in Madera County Resource Management Agency (MCRMA) records, one associated with a former storage building and one appearing currently to be associated with the existing shop building.

Natural gas did not appear to be provided to the Site. Electricity was provided by Pacific Gas and Electric Company (PG&E). Overhead power lines were observed adjoining the southern boundary of the Site. Six pole-mounted transformers were located on the power poles on the Site, at each of the well heads and near the maintenance shop.

### **7.7 State and Federal Radon Testing Data**

Federal and State radon screening test data for the Site zip code of 93638 were included in the EDR radius map report previously referenced in Section 7.2 and included in Appendix C. Based on information provided in that report, five Federal and two State radon screening tests have been performed within the Site zip code. The Federal radon screening test of the 1<sup>st</sup> floor living area reported average radon activity at 0.900 pCi/l, with all radon test results beneath the USEPA recommended action level of 4 pCi/l. Two of the 22 State tests reported radon exceeding the 4 pCi/l action level (9%). Madera County is reported in Federal EPA Radon Zone 2, with average indoor radon levels between 2 and 4 pCi/l.

## **7.8 Public, State, and Federal Well Data**

Federal, State and public well location data was obtained from EDR in the report included in Appendix C. Review of the Federal, State, and public well database information did not indicate the presence of wells on the Site. As discussed in Section 2.3, five agricultural wells and one domestic well are located on the Site.

## **7.9 Oil and Natural Gas Wells**

Visual observation of the Site and vicinity was conducted, as was review of Department of Oil, Gas and Geothermal Resources (DOGGR) maps available on the DOGGR website. No gas wells or dry holes were reported on the Site. One plugged oil and gas production well was depicted adjoining east of Road 28½ from the Site, and an additional plugged oil and gas production well was depicted approximately 2/3 mile northeast of the Site.

## **7.10 Naturally-Occurring Asbestos**

The California Department of Conservation General Location Guide for Ultramafic Rocks in California was reviewed to evaluate the presence of potential naturally-occurring asbestos (NOA) in the immediate vicinity of the Site. The nearest Ultramafic rock was mapped more than 30 miles from the Site (Department of Conservation, 2000).

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# **8.0 HISTORICAL REVIEW**

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## **8.1 Topographic Maps and Aerial Photographs**

A review of historical information was performed to identify past uses of the Site and adjacent properties that may pose an environmental concern. The following historical sources were reviewed:

- Aerial photographs from the years 1937, 1946, 1950, 1958, 1960, 1978, 1981, 1987, 1998, 2005, 2006, 2009, 2010 and 2012 obtained from EDR, Inc. on January 17, 2017; and
- USGS 7.5- and 15-minute topographic maps from the years 1920/1922, 1946, 1947/1948, 1961/1963, 1981, 1987 and 2012 obtained from EDR, Inc. on January 12, 2017.
- Sanborn Fire Insurance Company maps were reported by EDR to be unavailable for the Site.

Copies of these aerial photographs and maps are included in Appendix D. Aerial photographs dated 1937 through 1987 did not include the eastern portion of the Site.

The following observations were made from the available sources.

### **8.1.1 Site Observations**

*1920/1922:* The map depicted no development on the Site, which appeared to have an uneven topography. A small, intermittent stream traversed the northern portion of the property.

*1937:* The Site appeared undeveloped, with an uneven topography. A very small, possibly cultivated area was visible adjoining the railroad tracks on the western edge of the Site.

*1946 - 1948:* The Site remained generally similar to that described for the 1937 photograph and 1920/1922 map, with the small cultivated area no longer present.

*1950:* The Site appeared undeveloped, with an uneven topography. Standing water/ponding was visible in many locations across the Site, and a small stream was visible flowing across the northwestern corner. Small roads were visible along the Site boundaries and the railroad tracks appeared present along the southwestern property line.

*1958:* Although the Site remained undeveloped, faint outlines of some of the existing farm roads were visible. The Site no longer appeared wet, although the stream remained visible on the northwestern corner.

*1960:* The existing farm road extending west to east across the middle of the Site appeared present, dividing the undeveloped southern portion of the Site from the northern portions which appeared possibly to have been leveled and cleared.

*1961/1963:* No development was depicted on the Site on the topographic map.

*1978 - 1987:* The Site was cultivated with what appeared to be multiple fields of row crops. Dirt roads were visible between the fields. A structure in the location of the current shop building was visible, but appeared in a different configuration than the existing shop. Very small objects dispersed amongst the fields likely were farming equipment. Poor resolution of the 1987 photograph made details difficult to discern.

Two structures were depicted in the location of the shop building on the 1987 topographic map and a creek was depicted across the far northwestern corner of the Site; the structures were not depicted on the 1981 topographic map.

*1998 - 2012:* The Site was cultivated with orchards in a configuration appearing generally similar to that observed at the time of the reconnaissance. The existing shop building appeared present, as did other smaller structures along some of the farm roads.

### **8.1.2 Site Vicinity/Adjoining Property Observations**

*1922 /1922:* The existing railroad tracks (labeled Atchison Topeka and Santa Fe) adjoined the western property line. The remainder of the vicinity was depicted as undeveloped and hilly. Road 27 and Madera Road (current Road 28½) were present.

*1937:* The vicinity largely appeared undeveloped, with an uneven topography. The property adjoining north and northwest appeared traversed by a series of lines, possibly indicating cultivation. A few small roads were visible in the vicinity.

*1946 - 1948:* Only a very small portion of the vicinity was included on the photograph. Cultivation of properties adjoining north and northwest no longer appeared present.

*1950:* The vicinity remained largely undeveloped, maintaining the previously-observed uneven topography. As on the Site, standing water/ponding was visible in many locations across the vicinity. Small roads were visible in the vicinity, and a few structures were visible a distance southwest of the railroad tracks.

*1958 - 1960:* The vicinity appeared generally similar to that described for the 1950 photograph, with the exception of an increased number of structures and roads, as well as some agricultural fields, on properties southwest of the railroad tracks.

*1961/1963:* Additional development, appearing largely residential, was depicted in the vicinity southwest and south of the Site, including structures, wells, and streets.

*1978 - 1987:* The Site vicinity appeared generally similar to that described for the 1958 to 1960 photographs, with agricultural cultivation and residential development of properties to the northwest visible. Cultivation/development density to the northwest significantly increased during the 1980s.

Development similar to that previously present southwest and south of the Site was depicted on property west and northwest of the Site as well, increased in density by 1987.

*1998 - 2012:* The vicinity remained generally similar to that described for the previous photographs, with more fields than homes visible to the southwest and primarily homes present to the west and northwest.

## **8.2 City Directories**

A review of city directories for the Site address and vicinity properties along Avenue 18 and Road 28½ was performed by EDR and the summary report is included in Appendix D. City directories for the Site vicinity were available for the years 1992 through 2013. The Site address of 17158 Road 28½ was not included on any of the directories reviewed. Vicinity listings included primarily individuals, with a few commercial listings as well. None of the nearby listings appeared to be indicative of potential use of significant quantities of hazardous materials.

## **8.3 Building Department Records**

The MCRMA was contacted on January 27, 2017. According to their representative, a storage building was completed on Site parcel 031-221-001 in August 1978. Two USTs were removed from the same parcel, which used to also have a mobile home present. Two septic systems were documented on the parcel, one associated with the 1978 storage building. The MCRMA representative also stated there was an August 2010 permit for construction of a steel building on Site parcel 031-222-001.

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## **9.0 FINDINGS, OPINIONS AND RECOMMENDATIONS**

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This ESA of the property located at 17158 Road 28½ in Madera, California has been performed in conformance with the scope and limitations of ASTM Practice E 1527-13. Any exceptions to, or deletions from, this practice are described in Section 10.0 of this report.

This ESA has revealed no evidence of RECs in connection with the Site. Small areas of hydrocarbon-impacted soil were documented at a few on-Site locations, as discussed in the following summary. Removal of the impacted material should be conducted; additional investigation is not recommended. Provision of secondary containment for agricultural chemicals and other hazardous materials/wastes should be provided.

Results of the research performed for this study are summarized in the following sections.

### **9.1 Site Use**

#### **9.1.1 Current**

The Site currently is cultivated with fig and almond orchards, and an equipment maintenance shop also is present. Mr. and Mrs. Kevin and Diane Herman, the current property owners, reportedly have operated the Site since 1996. Five agricultural water supply wells and one domestic supply well are present on-Site, as are two diesel fuel ASTs, one waste oil AST, and agricultural chemical ASTs.

### **9.1.2 Historical**

Documentation of Site development prior to 1922 was unavailable in the reasonably ascertainable historical sources. The Site appeared to be undeveloped land prior to cultivation with row crops in the mid- to late-1970s/early-1980s. A shop building was constructed in the general location of the current shop building in 1978, but appeared to be a different building than the existing shop. Orchards first appeared cultivated on the Site as early as 1996.

## **9.2 Hazardous Materials/Wastes**

### **9.2.1 Agricultural Chemicals**

Agricultural chemicals used on-Site during operation of the orchards by the current Site owners reportedly are stored at off-Site locations. Fertilizers and herbicides reportedly are mixed in spray tanks at the wellheads and at locations on the dirt roads in the orchards prior to application. Four 5,000-gallon fertilizer ASTs were observed east of the shop building.

Analytical data from the soil samples collected from the cultivated areas, wellheads, and former shop areas in 2007 indicated concentrations of pesticides several orders of magnitude below U.S. EPA Residential Regional Screening Levels (USPEA, 2016) and California Human Health Screening Levels (Cal/EPA, 2005). Lead concentrations were documented well below the Federal and State regulatory standards and hazardous waste concentrations; arsenic concentrations were deemed representative of typical background concentrations.

### **9.2.2 Petroleum Hydrocarbons and Other Maintenance Materials**

The diesel ASTs observed at each of the agricultural well pumps during the 2007 study had been removed and the pumps were converted to electric power. Small drums of motor oil were present at the wellheads however. Staining of the concrete slab around the wellhead and pump and on the adjacent soil was observed at Wells #1 and #4. Two 10,000-gallon diesel ASTs were observed east of the shop building, and minor staining was observed around spouts/hand pumps for the tanks.

Three “lube cube” virgin oil ASTs, one 55-gallon drum of virgin oil, and several 5-gallon buckets and other assorted containers of oil and other miscellaneous equipment maintenance materials were stored within the on-Site shop building. Stained concrete was observed in the vicinity of the oil drums, but the underlying soil is protected by the concrete slab.

A hazardous materials storage area was present outside the northwestern corner of the shop building. Eleven 55-gallon drums were stored on soil and one 1,000-gallon waste oil AST was present on a concrete pad in this area. Stained soil was observed in the drum storage area.

Evaluation of soil quality by SES in 2007 from areas around the well pumps and shop areas where staining was observed documented hydrocarbon impact to soil that was limited to the near-



surface areas. SES stated the analytical data indicated that releases were not large in nature. They recommended hand-removal and off-site disposal of the impacted soil, followed by collection of confirmation soil samples to verify that significantly impacted soil was removed. No documentation of removal and/or the performance of verification sampling was found during the current study. MCI recommends the previously-identified impacted soil, as well as that observed at the time of the current study, be removed and verification sampling be conducted prior to the property transaction.

Secondary containment should be provided for all hazardous materials storage areas/containers.

### **9.3 Former USTs**

One 2,000-gallon gasoline UST and one 5,000-gallon diesel UST were removed from an area adjacent east side of the former shop in 1989. Following removal, low concentrations of gasoline-ranged hydrocarbons, toluene, ethylbenzene, and xylenes reportedly were detected in verification soil samples. According to documentation provided by the MCEHD, impacted soil was excavated from the tank pit and aerated on-site, and the leaking UST case was closed in October 1989. Verification samples do not appear to have been collected from the tank pit following over excavation, but based on the concentrations detected in the initial samples, residual impact, if any, is anticipated to be at levels not of significant concern to the proposed redevelopment project. The fate of the excavated soil was not documented.

To evaluate the location of the former USTs, a boring was advanced as close as possible to the former excavation in 2007. Significant concentrations of petroleum hydrocarbons were not reported. As documentation of backfilling/compaction activities for the former tank pit was not available, the geotechnical engineer for the proposed redevelopment project should be notified so potential settlement issues can be addressed.

### **9.4 Groundwater Quality**

During the 2007 study, groundwater samples were collected from three of the on-Site agricultural wells and analyzed for contaminants, but not all current Title 22 compounds were tested. Analytical data reportedly did not detect any contaminants at concentrations exceeding drinking water standards in place at the time. Motor oil was detected in the water sample collected from Well #3 but at a low concentration likely attributable to the oil-lubricated pump, and will degrade by natural processes. If the well is to be used for drinking water, the well should be retested to obtain current concentrations for comparison to drinking water standards.

## **9.5 Wells**

Five agricultural wells and one domestic water supply well are present on the Site. If the wells are not planned for use following redevelopment of the site, appropriate abandonment in accordance with local regulatory agency requirements is required.

## **9.6 Septic Systems**

Two septic systems were documented on the subject property previously and an existing system also appears currently in use. If able to be located prior to or during redevelopment activities, the septic systems should be appropriately removed/closed in accordance with applicable regulatory agency requirements.

## **9.7 Asbestos-Containing Building Materials and Lead-Based Paint**

Based on the age of the structures on the Site (circa 1978), the presence of asbestos-containing building materials and lead-based paint is possible. Soil sampling conducted in the vicinity of the previous shop building by SES in 2007 did not document significant impact to surrounding soil by flaking lead-based paint. Per California Air Resources Board and OSHA regulations, a survey for asbestos and lead-based paint will be needed prior to any demolition.

## **9.8 Concerns with Vicinity Properties**

Information contained in the database search report did not reveal the presence of vicinity properties appearing likely to have significantly impacted the Site through documented releases to soil and/or groundwater.

## **9.9 Soil Vapor Intrusion**

The potential for a vapor encroachment conditions (VECs) to exist at the Site appears very low. No significant petroleum hydrocarbon releases were reported within 1/10 mile, and no volatile organic hydrocarbon releases were reported within 1/3 mile in a hydraulically up-gradient direction from the Site. Additional screening is not recommended at this time.

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## **10.0 DEVIATIONS**

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The following deviations to ASTM Practice E1527-13 occurred due to data failure and/or gaps, as summarized below.

### **10.1 Data Failure**

Data failure is an inability of the available data to meet the objectives of the study. The following data failure was encountered.

- Historical sources available included gaps of greater than 5 years; additional sources were not reasonably ascertainable. Based on the development type and consistency however, this data failure is not considered significant.

### **10.2 Data Gaps**

Data gaps result from insufficient information availability for the Site, which may hinder the ability of the study to adequately distinguish recognized environmental concerns. No significant data gaps were encountered.

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## **11 .0 ADDITIONS**

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The following additions to ASTM Practice E1527-13 were made:

- Radon data for the Site vicinity was reviewed;
- State and Federal well data for the Site vicinity was reviewed; and,
- Department of Oil and Gas maps for the Site were reviewed.

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## **12.0 REFERENCES**

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Cal/EPA, September 2009. *Revised California Human Health Screening Levels for Lead.*

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United States Environmental Protection Agency Regional Screening Levels, May 2016.

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## **13.0 LIMITATIONS**

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This ESA is intended to serve as an appropriate and reasonable inquiry regarding releases or threatened releases of hazardous substances and some naturally-occurring hazards on, at, or to the property that could be the subject of a response action for which a CERCLA liability protection would be needed. No warranty, expressed or implied, has been made, except that the services have been performed in general accordance with ASTM E 1527-13, Standard Practice for Environmental Site Assessment and updates.

Some of the information provided in this report is based upon personal interviews, research of available publicly accessible documents, records, aerial photographs, and maps held by government and private parties as well as reasonably observable Site conditions. Publicly accessible information cannot be relied upon to definitively confirm or deny the existence of

recognized environmental conditions at the Site and therefore MCI is not responsible for the accuracy of the data provided by others nor the personal statements and recollections of those persons contacted. There is also a possibility that even with the proper review of this information that there may exist conditions on the property that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Changes in applicable standards can occur as the result of legislation or broadening knowledge that may invalidate, wholly or in part, the findings of this report.

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#### **14.0 QUALIFICATIONS AND SIGNATURES**

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We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professionals as defined in Section 312.20 of 40 CFR 312. We have the specific qualifications, based on education, training, and experience, to assess a Site of the nature, history, and setting of the subject Site. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.



---

Belinda P. Blackie, P.E.  
Senior Project Engineer



---

Thomas F. McCloskey, P.G., C.E.G., C.HG.  
Principal Geologist

## Figures



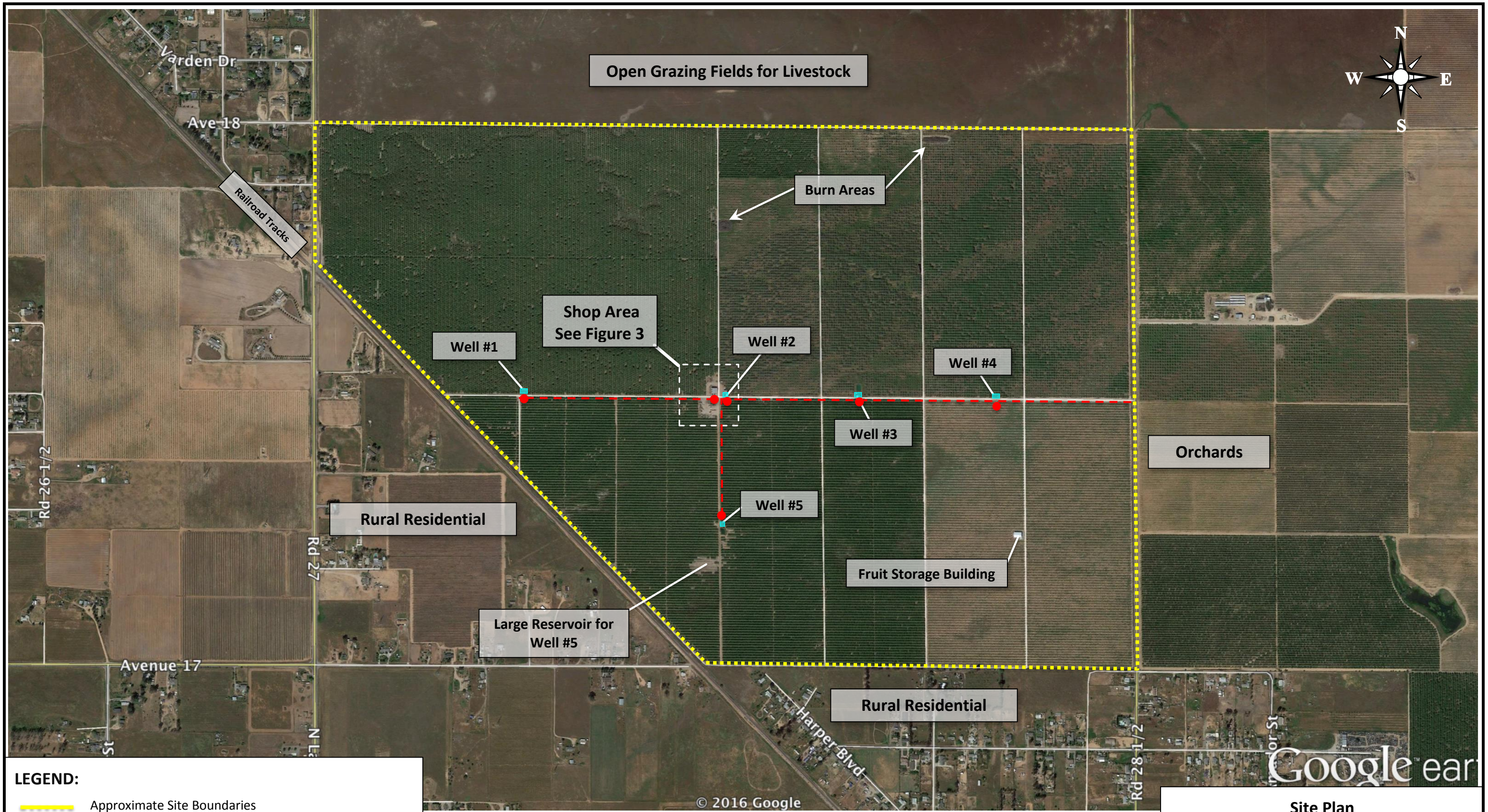


**Vicinity Map**

Castellina Property  
17158 Road 28½  
Madera, California

**FIGURE 1**





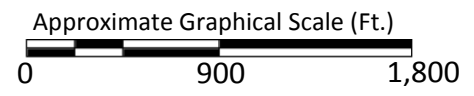
**LEGEND:**

- Approximate Site Boundaries
- Approximate Power Lines
- Approximate Location of Power Mounted Transformers

**Site Plan**  
 Castellina Property  
 17158 Road 28½  
 Madera, California

**FIGURE 2**

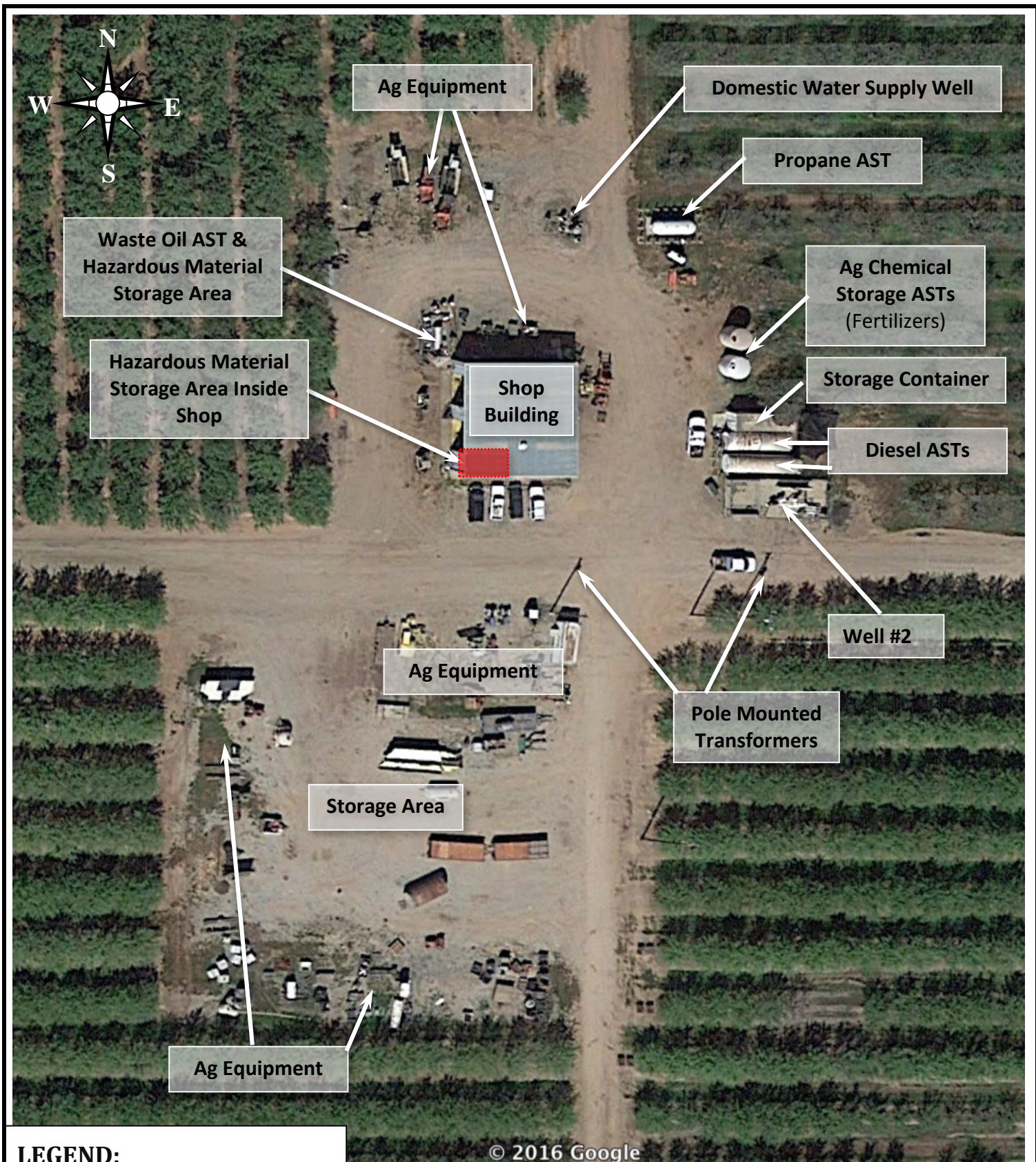
*McCloskey*  
 consultants



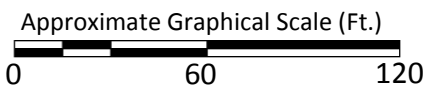
© 2016 Google

Google earth





**LEGEND:**



**Shop Area**  
 Castellina Property  
 17158 Road 28½  
 Madera, California

**FIGURE 3**



**Appendix A**  
**Site Photographs**



Castellina Property, 17158 Road 28½, Madera, CA



Main Road & Well #1, View Facing West



Well #2, View Facing North



Well #3 & Storage Pond, View Facing Northwest



Well #4, View Facing North



Well #4, View Facing Northeast



Well #5, View Facing Northeast



**Castellina Property, 17158 Road 28½, Madera, CA**



**Large Storage Pond Southwest of Pump #5  
View Facing Northeast**



**Concrete Pad East of Large Storage Pond  
View Facing Northeast**



**New Fruit Storage Building, View Facing Northwest**



**Northwestern Burn Area, View Facing Southeast**



**Northeastern Burn Area, View Facing East**



**Storage Area South of Shop,  
View Facing Southwest**



**Castellina Property, 17158 Road 28½, Madera, CA**



**Storage Area South of Shop,  
View Facing West**



**Storage Area South of Shop,  
View Facing Northwest**



**Diesel ASTs East of Shop Building  
View Facing Northeast**



**Fertilizer AST East of Shop Building  
View Facing Southeast**



**Western Side of Shop Building  
View Facing Northeast**



**View inside Northern Side of Shop  
View Facing West**



Castellina Property, 17158 Road 28½, Madera, CA



View of Northern Wall of Shop



View of Southern Side of Shop



View of Hazards Material Storage Area and "Lube" Cube Southwestern Corner of the Shop



View of Waste Oil Tank, Containment & 55-Gallon Drums



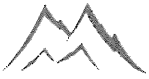
View of Propane AST  
View Facing North



View of Domestic Well  
View Facing Northwest

## **Appendix B**

### **Completed Environmental Questionnaire**



Phase I ESA Questionnaire – “User”  
Castellina Property, Madera

For the “User” of this Phase I environmental site assessment to qualify for Landowner Liability Protections offered by the Small Business Liability Relief and Brownsfields Revitalization Act of 2001, the “User” must provide the following information to the Environmental Professional prior to completion of the Phase I.

In an attempt to help identify the presence of possible recognized environmental conditions associated with the property that will be split and has parcel number APN 023-212-002, please answer the following questions as specifically as reasonably feasible and in good faith to the extent of your knowledge. Also, please attach any relevant documents or reports, including previous environmental reports, geotechnical reports, risk assessments, hazardous materials management plans, chemical inventories, environmental/hazardous waste generator permits, underground storage tank documents, records of activity and use limitations, etc.

What is the purpose of this Phase I? We plan to develop a master planned community

Are there any proposed changes in Site use following the property transaction?

Yes (describe below) see Below     No \_\_\_\_\_

Do you have any commonly known, reasonable ascertainable or specialized knowledge or experience related to the Site or nearby properties?     Yes (describe below)     No

This property is currently in tree production and we plan to develop a master planned community on it

\_\_\_\_\_

\_\_\_\_\_

Based on your knowledge and/or experience with the Site, are there any obvious indications that contamination of the property is or may be present?     Yes (describe below)     No None known

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Please provide any information you have regarding current and/or past owners/tenants and uses of the Site. Please also include any available contact information for past owners/tenants.

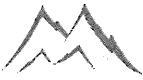
None known other than the current owner, Kevin Herman.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





Please provide any information you have regarding chemicals or other hazardous materials currently and/or historically present on the Site.

*None Known*

What is the current zoning of the Site? Do you have knowledge of what the site historically was zoned, if different from the current zoning?

*This property was previously zoned for agricultural uses. Madera County has designated it as a New Growth Area.*

Do you have knowledge of any environmental cleanup liens or activity and land use limitations (including engineering or institutional controls or land use restrictions) filed or recorded for the Site under federal, tribal, state, or local law?  Yes (if yes, please provide information below)  No *None Known*

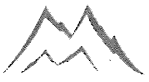
As the User of this Environmental Site Assessment, do you have any specialized knowledge of, or experience with, similar businesses, development, or facility types at this Site or nearby properties that would be material to the environmental condition, presence of chemicals, and/or uses of the Site and nearby properties?

Yes (if yes, please provide information below)  No

*We are developing another master planned community around twelve miles to the north of the subject property*

Does the purchase price being paid for this Site reasonably reflect the fair market value of the property?

Yes  No (if no, please indicate if the difference in the purchase price and the fair market value is due to the presence of releases or threatened releases of hazardous substances.)



McCloskey  
Consultants

Do you have any knowledge of pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from this Site?

Yes (if yes, please provide information below)  No *None Known*

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Have you received notice from any governmental entity regarding possible violation of environmental laws or liability relating to hazardous substances or petroleum products associated with the Site?

Yes (if yes, please provide information below)  No

---

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---

---

Completed by:

Glenn M. Pace *Glenn M. Pace* 2/16/17

Name (Print)

Signature

Date

Manager - Castellina, LLC

Entity Representing

408-782-1669

Contact Telephone #/Email



Phase I ESA Questionnaire - Owner/Occupant  
Castellina Property, Madera

In an attempt to help identify the presence of possible recognized environmental conditions associated with the property to be split and with APN 023-212-002, please answer the following questions as specifically as reasonably feasible and in good faith to the extent of your knowledge. Also, please attach any relevant documents or reports, including previous environmental reports, geotechnical reports, risk assessments, hazardous materials management plans, chemical inventories, environmental/hazardous waste generator permits, underground storage tank documents, records of activity and use limitations, etc.

All current and historic street addresses: 17158 Road 28 1/2 Madera, CA 93638

All assessor's parcel numbers (APNs): 031-221-001-000, 031-222-001-000

How long associated with Site, years: 16 years

Size of parcel(s)/property: 790 plus ACRES

Do you have any commonly known, reasonable ascertainable, or specialized knowledge or experience related to the Site or nearby properties? .....  Yes (describe below)  No

Please provide any information you have regarding *current* Site owners/tenants and uses of the Site (describe processes and hazardous materials usage):

Owner/Tenant Name	Dates of Ownership/ Occupancy	Site Use
<u>Rene Herma</u>	<u>2001</u>	<u>Agricultural</u>

Please provide any information you have regarding *past* owners/tenants and uses of the Site (describe processes and hazardous materials usage), including owner and tenant names, dates of ownership/occupancy, Site uses, and contact information.

Owner/Tenant Name	Dates of Ownership/ Occupancy	Site Use	Contact Information
<u>N/A</u>			



Were or are any of these structures on-site:

- Aboveground storage tanks.....  Yes  No  Don't Know
- Agricultural wells.....  Yes  No  Don't Know
- Boilers.....  Yes  No  Don't Know
- Burning areas.....  Yes  No  Don't Know
- Chemical use areas.....  Yes  No  Don't Know
- Domestic/agricultural supply wells.....  Yes  No  Don't Know
- Drainage/disposal ponds.....  Yes  No  Don't Know
- Dry wells.....  Yes  No  Don't Know
- Emergency generators.....  Yes  No  Don't Know
- Equipment maintenance or auto servicing areas.....  Yes  No  Don't Know
- Garbage disposal/burning areas.....  Yes  No  Don't Know
- Monitoring wells.....  Yes  No  Don't Know
- Petroleum pipelines.....  Yes  No  Don't Know
- Petroleum wells.....  Yes  No  Don't Know
- Ponds, streams, or drainage ditches.....  Yes  No  Don't Know
- Railroad lines.....  Yes  No  Don't Know
- Stockpiles of soil or debris.....  Yes  No  Don't Know
- Septic systems.....  Yes  No  Don't Know
- Sumps.....  Yes  No  Don't Know
- Transformers.....  Yes  No  Don't Know
- Underground storage tanks.....  Yes  No  Don't Know

If yes to any of the previous, please briefly describe or attach documentation:

there are above ground tanks for fuel and liquid fertilizer. we also  
have 5 agricultural wells and 1 domestic well. we also have a  
chemical storage container to store our "dry" chemicals and a maintenance  
yard/shop. All of this is consistent with a typical agricultural  
operation

Number, type and square footage of *current* on-site structure(s): 1 building about 80x80

Construction date/age of *current* on-site structure(s): about 1980

Number, type and square footage of *previous* on-site structure(s): N/A

Construction date/age of *previous* on-site structure(s): N/A



Historical use of property (if known): Agriculture

Was the site previously used for agricultural purposes? .....  Yes  No  Don't Know

Are you aware of the historical use/application of agricultural chemicals on the Site? .....  Yes  No  Don't Know

Are agricultural chemicals (pesticides/herbicides) stored, applied, or mixed/formulated on the Site? .....  Yes  No  Don't Know

Is/was heating oil or fuel oil utilized at the Site for heating purposes? .....  Yes  No  Don't Know

Describe how hazardous materials, if any, are stored  
All chemicals are stored and locked up in a sealed container

None present

Describe any secondary containment system for hazardous materials.  
\_\_\_\_\_  
\_\_\_\_\_

None present

Do you have a current inventory of all chemicals used on-site? .....  Yes  No  Don't Know  
(if yes, please provide a copy)  None present

Do you treat or dispose of chemical waste on-site? .....  Yes  No  Don't Know  
If yes, please describe.

Do you have a permit to treat chemical waste on-site? .....  Yes  No  Don't Know  
If yes, please describe.

How is chemical waste disposed/company name responsible for disposal?  
We take all containers to another location, where they are cleaned according to state standards and then hauled off to a state authorized land fill site

Is any chemical waste disposed to the sanitary sewer? .....  Yes  No  Don't Know  
If yes, please describe.

---

---

Are there any air emissions associated with the Site? .....  Yes  No  Don't Know  
If yes, please describe.

---

---

Has your business received a violation notice regarding hazardous materials usage, storage or disposal practices? .....  Yes  No  Don't Know  
If yes, please describe.

---

---

Based on your knowledge and/or experience with the Site, are there any obvious indications that contamination of the property is or may be present?  Yes (if yes, please provide information below)  No

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Please provide any information you have regarding spills or other chemical releases that have occurred on the site and any cleanup activities that have been required and/or performed.

---

N/A

---

---

Do you have knowledge of any environmental cleanup liens or activity and land use limitations (including engineering or institutional controls or land use restrictions) filed or recorded for the Site under federal, tribal, state, or local law?  Yes (if yes, please provide information below)  No

---

---

---

Do you have any specialized knowledge of, or experience with, similar business, development, or facility types to this Site or nearby properties that would be material to the environmental condition, presence of chemicals, and/or uses of the Site and nearby properties?  Yes (if yes, please provide information below)  No

---

---



McCloskey  
ENVIRONMENTAL & GEOLOGIC SERVICES

Do you have any knowledge of pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from this Site?

Yes (if yes, please provide information below)  No

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Have you received notice from any governmental entity regarding possible violation of environmental laws or liability relating to hazardous substances or petroleum products associated with the Site?

Yes (if yes, please provide information below)  No

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Has an asbestos survey of the on-site structures been performed? .....  Yes  No  Don't Know  
If yes, please attach any available reports.

Has a lead-based paint survey of the on-site structures been performed? .....  Yes  No  Don't Know  
If yes, please attach any available reports.

Has an environmental soil and ground water sampling been conducted at this Site? .....  Yes  No  Don't Know  
If yes, please attach available reports.

Completed by: Kevin Herman  2-15-17

Name (Print)

Signature

Date

Kevin Herman Ranches 559-661-9253

Entity Representing

Contact Telephone #/Email

## **Appendix C**

### **Environmental Database Report**



**Castellina Property**

Avenue 18 and Road 281/2

Madera, CA 93638

Inquiry Number: 4826284.12s

January 12, 2017

**The EDR Radius Map™ Report with GeoCheck®**



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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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 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

AVENUE 18 AND ROAD 281/2  
MADERA, CA 93638

#### COORDINATES

Latitude (North): 37.0074940 - 37° 0' 26.97"  
Longitude (West): 120.0491080 - 120° 2' 56.78"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 762571.6  
UTM Y (Meters): 4099572.5  
Elevation: 297 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5640040 KISMET, CA  
Version Date: 2012  
  
South Map: 5602514 MADERA, CA  
Version Date: 2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140627, 20140622  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
AVENUE 18 AND ROAD 281/2  
MADERA, CA 93638

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">1</a>	CIRCLE K RANCH	17628 ROAD 27	AST, CUPA Listings	Higher	340, 0.064, WSW
<a href="#">2</a>	20-ACRE SCHOOL SITE	MARTIN STREET/NORTH	ENVIROSTOR, SCH	Lower	5174, 0.980, SW

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

## DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

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

### ***Federal RCRA generators list***

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

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System  
US ENG CONTROLS..... Engineering Controls Sites List

## EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State- and tribal - equivalent NPL***

RESPONSE..... State Response Sites

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

SWF/LF..... Solid Waste Information System

### ***State and tribal leaking storage tank lists***

LUST..... Geotracker's Leaking Underground Fuel Tank Report

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

SLIC..... Statewide SLIC Cases

### ***State and tribal registered storage tank lists***

FEMA UST..... Underground Storage Tank Listing

UST..... Active UST Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

### ***State and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program Properties

### ***State and tribal Brownfields sites***

BROWNFIELDS..... Considered Brownfields Sites Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

#### ***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL..... Delisted National Clandestine Laboratory Register

## EXECUTIVE SUMMARY

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

### **Local Lists of Registered Storage Tanks**

SWEEPS UST.....	SWEEPS UST Listing
HIST UST.....	Hazardous Substance Storage Container Database
CA FID UST.....	Facility Inventory Database

### **Local Land Records**

LIENS.....	Environmental Liens Listing
LIENS 2.....	CERCLA Lien Information
DEED.....	Deed Restriction Listing

### **Records of Emergency Release Reports**

HMIRS.....	Hazardous Materials Information Reporting System
CHMIRS.....	California Hazardous Material Incident Report System
LDS.....	Land Disposal Sites Listing
MCS.....	Military Cleanup Sites Listing
SPILLS 90.....	SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

RCRA NonGen / NLR.....	RCRA - Non Generators / No Longer Regulated
FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations

## EXECUTIVE SUMMARY

FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
HIST CORTESE.....	Hazardous Waste & Substance Site List
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
ABANDONED MINES.....	Abandoned Mines
ICE.....	ICE
ECHO.....	Enforcement & Compliance History Information

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historic Gas Stations
EDR Hist Cleaner.....	EDR Exclusive Historic Dry Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.



## EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

### STANDARD ENVIRONMENTAL RECORDS

#### ***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 identifies 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 08/01/2016 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>20-ACRE SCHOOL SITE</i></b> Facility Id: 20020001 Status: No Action Required	<b><i>MARTIN STREET/NORTH</i></b>	<b><i>SW 1/2 - 1 (0.980 mi.)</i></b>	<b><i>2</i></b>	<b><i>10</i></b>

#### ***State and tribal registered storage tank lists***

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, and dated 07/06/2016 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>CIRCLE K RANCH</i></b>	<b><i>17628 ROAD 27</i></b>	<b><i>WSW 0 - 1/8 (0.064 mi.)</i></b>	<b><i>1</i></b>	<b><i>8</i></b>

### ADDITIONAL ENVIRONMENTAL RECORDS

#### ***Other Ascertainable Records***

## EXECUTIVE SUMMARY

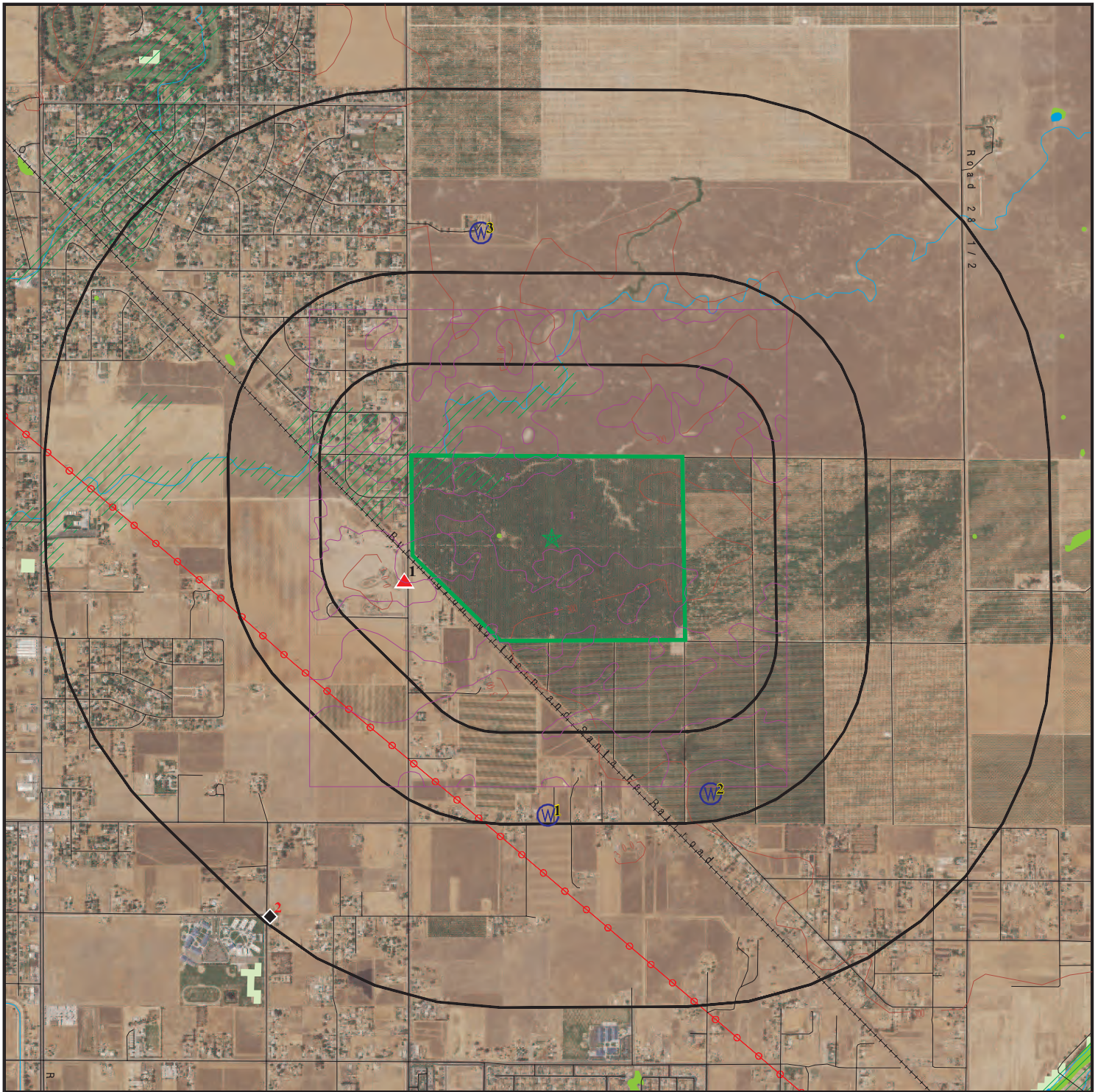
CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CUPA Listings list, as provided by EDR, has revealed that there is 1 CUPA Listings site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CIRCLE K RANCH</b> Database: CUPA MADERA, Date of Government Version: 08/18/2016 Facility Id: FA0102940	<b>17628 ROAD 27</b>	<b>WSW 0 - 1/8 (0.064 mi.)</b>	<b>1</b>	<b>8</b>



# OVERVIEW MAP - 4826284.12S



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

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern



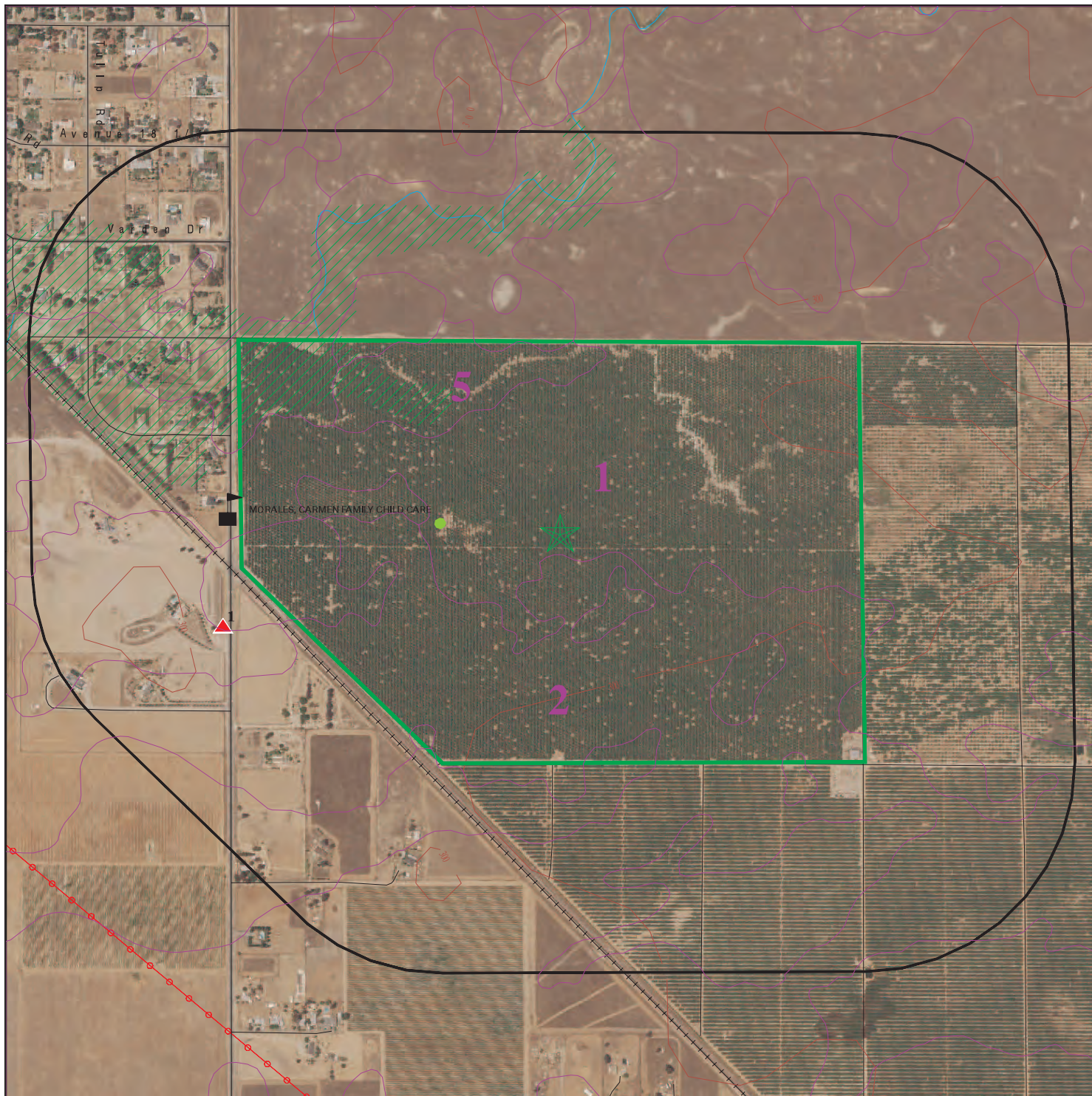
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.








SITE NAME: Castellina Property  
 ADDRESS: Avenue 18 and Road 281/2  
 Madera CA 93638  
 LAT/LONG: 37.007494 / 120.049108








CLIENT: McCloskey Consultants Inc  
 CONTACT: Tom McCloskey  
 INQUIRY #: 4826284.12S  
 DATE: January 12, 2017 1:10 pm



# DETAIL MAP - 4826284.12S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Castellina Property  
 ADDRESS: Avenue 18 and Road 281/2  
 Madera CA 93638  
 LAT/LONG: 37.007494 / 120.049108

CLIENT: McCloskey Consultants Inc  
 CONTACT: Tom McCloskey  
 INQUIRY #: 4826284.12s  
 DATE: January 12, 2017 1:11 pm

## 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
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
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL RESPONSE</i></b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i></b>								
ENVIROSTOR	1.000		0	0	0	1	NR	1
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	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
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b><i>State and tribal Brownfields sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	0.001		0	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		1	0	NR	NR	NR	1
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	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
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### *Exclusive Recovered Govt. Archives*

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		0	2	0	0	1	0	3
-------------	--	---	---	---	---	---	---	---

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1  
WSW  
< 1/8  
0.064 mi.  
340 ft.

**CIRCLE K RANCH**  
**17628 ROAD 27**  
**MADERA, CA**

AST S113895127  
CUPA Listings N/A

**Relative:**  
**Higher**

AST:

**Actual:**  
**297 ft.**

Certified Unified Program Agencies: Not reported  
Owner: Kevin Herman  
Total Gallons: Not reported  
CERSID: 10483033  
Facility ID: Not reported  
Business Name: The Specialty Crop Company  
Phone: 559-675-8210  
Fax: None  
Mailing Address: 2985 Airport Drive  
Mailing Address City: Madera  
Mailing Address State: CA  
Mailing Address Zip Code: 93637  
Operator Name: The Specialty Crop Company  
Operator Phone: 559-661-8253  
Owner Phone: 559-661-8253  
Owner Mail Address: 2985 Airport Drive  
Owner State: CA  
Owner Zip Code: 93637  
Owner Country: United States  
Property Owner Name: Kevin Herman  
Property Owner Phone: Not reported  
Property Owner Mailing Address: 2985 Airport Drive  
Property Owner City: Madera  
Property Owner Stat : CA  
Property Owner Zip Code: 93637  
Property Owner Country: United States  
EPAID: CAL000276485

CUPA MADERA:

Contact Name: Kevin Herman  
Region: MADERA  
Facility Id: FA0102940  
Contact Phone: 5596758210

Detail:

Facility Id: FA0102940  
Common Name: ACETYLENE  
Current Status: 1  
Program/Elements: Haz Mat Inventory - Exempt  
PE1: 2165

Facility Id: FA0102940  
Common Name: DIESEL FUEL  
Current Status: 1  
Program/Elements: Haz Mat Inventory  
PE1: 2164

Facility Id: FA0102940  
Common Name: Diesel Fuel No. 2  
Current Status: 1  
Program/Elements: Hazardous Material Handler - Range 1  
PE1: 2111

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CIRCLE K RANCH (Continued)**

**S113895127**

Facility Id: FA0102940  
Common Name: LUBRICATING OILS (MOTOR, HYDRAULIC, GEAR & OTHER)  
Current Status: 1  
Program/Elements: Haz Mat Inventory  
PE1: 2164

Facility Id: FA0102940  
Common Name: Lubricating oils (petroleum), hydrotreated spent  
Current Status: 1  
Program/Elements: Hazardous Material Handler - Range 1  
PE1: 2111

Facility Id: FA0102940  
Common Name: Motor Oil  
Current Status: 1  
Program/Elements: Haz Mat Inventory - Exempt  
PE1: 2165

Facility Id: FA0102940  
Common Name: Not reported  
Current Status: 1  
Program/Elements: Hazardous Material Handler - Range 1  
PE1: 2111

Facility Id: FA0102940  
Common Name: OXYGEN  
Current Status: 1  
Program/Elements: Haz Mat Inventory  
PE1: 2164

Facility Id: FA0102940  
Common Name: Not reported  
Current Status: 1  
Program/Elements: Hazardous Material Handler - Range 1  
PE1: 2111

Facility Id: FA0102940  
Common Name: PROPANE  
Current Status: 1  
Program/Elements: Haz Mat Inventory  
PE1: 2164

Facility Id: FA0102940  
Common Name: Not reported  
Current Status: 1  
Program/Elements: Hazardous Material Handler - Range 1  
PE1: 2111

Facility Id: FA0102940  
Common Name: WASTE MOTOR OIL  
Current Status: 1  
Program/Elements: Haz Mat Inventory  
PE1: 2164

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2  
SW  
1/2-1  
0.980 mi.  
5174 ft.

20-ACRE SCHOOL SITE  
MARTIN STREET/NORTH D STREET  
MADERA, CA 93638

ENVIROSTOR S118756624  
SCH N/A

Relative:  
Lower

ENVIROSTOR:

Actual:  
286 ft.

Facility ID: 20020001  
Status: No Action Required  
Status Date: 08/14/2003  
Site Code: 104341  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 20  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Not reported  
Supervisor: Juan Koponen  
Division Branch: Northern California Schools & Santa Susana  
Assembly: 05  
Senate: 12  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 36.9926  
Longitude: -120.063  
APN: NONE SPECIFIED  
Past Use: AGRICULTURAL - LIVESTOCK  
Potential COC: NONE SPECIFIED No Contaminants found  
Confirmed COC: NONE SPECIFIED  
Potential Description: NMA  
Alias Name: 20-ACRE SCHOOL SITE  
Alias Type: Alternate Name  
Alias Name: MADERA UNIFIED SCHOOL DISTRICT  
Alias Type: Alternate Name  
Alias Name: MADERA USD-20-ACRE SCHOOL SITE  
Alias Type: Alternate Name  
Alias Name: 104341  
Alias Type: Project Code (Site Code)  
Alias Name: 20020001  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 09/19/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 08/14/2003  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**20-ACRE SCHOOL SITE (Continued)**

**S118756624**

Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

SCH:

Facility ID: 20020001  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 20  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Not reported  
Supervisor: Juan Koponen  
Division Branch: Northern California Schools & Santa Susana  
Site Code: 104341  
Assembly: 05  
Senate: 12  
Special Program Status: Not reported  
Status: No Action Required  
Status Date: 08/14/2003  
Restricted Use: NO  
Funding: School District  
Latitude: 36.9926  
Longitude: -120.063  
APN: NONE SPECIFIED  
Past Use: AGRICULTURAL - LIVESTOCK  
Potential COC: NONE SPECIFIED, No Contaminants found  
Confirmed COC: NONE SPECIFIED  
Potential Description: NMA  
Alias Name: 20-ACRE SCHOOL SITE  
Alias Type: Alternate Name  
Alias Name: MADERA UNIFIED SCHOOL DISTRICT  
Alias Type: Alternate Name  
Alias Name: MADERA USD-20-ACRE SCHOOL SITE  
Alias Type: Alternate Name  
Alias Name: 104341  
Alias Type: Project Code (Site Code)  
Alias Name: 20020001  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 09/19/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**20-ACRE SCHOOL SITE (Continued)**

**S118756624**

Completed Date: 08/14/2003  
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: 34 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BERENDA	S108723806		AVENUE 22 1/2 @ BERENDA SLOUGH	93638	CDL
MADERA	S107537753		AVENUE 9, EAST OF ROAD 29 1/2		CDL
MADERA	S109611802		ON AVENUE 21 1/2, 200 FEET WES	93638	CDL
MADERA	S108723808		AVENUE 9, 1/4 MILE NORTH OF RO	93638	CDL
MADERA	S108723804		AVENUE 14, 14 MI W OF ROAD 23,	93638	CDL
MADERA	S107537723		AVENUE 3, 1 MILE EAST OF ROAD	93638	CDL
MADERA	S107537687		AVENUE 12 (BETWEEN ROAD 19 AND	93638	CDL
MADERA	S107537663		AVENUE 20 (BETWEEN ROADS 16 &	93638	CDL
MADERA	S107537655		AVENUE 13, 1/4 MILE E OF ROAD	93638	CDL
MADERA	S107537654		AVENUE 12, 2 MILES E OF HIGHWA	93638	CDL
MADERA	S107736289	ELLIS/CHAPIN STREET ELEMENTARY SCH	ELLIS/CHAPIN STREET	93638	ENVIROSTOR, SCH
MADERA	S107540460		ROAD 19 N AVENUE 14		CDL
MADERA	S107540445		ROAD 16 N OF AVENUE 14TH		CDL
MADERA	S107540352		ROAD 18 1/2, SOUTH OF AVENUE 2		CDL
MADERA	S107540035		ON ROAD 21 1/2, 1/2 MILE SOUTH		CDL
MADERA	S110494563		ROAD 19, 100 YARDS SOUTH OF AV		CDL
MADERA	S109611839		ROAD 24, APPROX 200 YDS N OF A	93638	CDL
MADERA	S108723931		ROAD 28, @ COTTONWOOD CREEK, .	93638	CDL
MADERA	S107540490		ROAD 38, 1/4 MILE NORTH OF AVE	93638	CDL
MADERA	S107540486		ROAD 28, JUST NO OF AVENUE 13	93638	CDL
MADERA	S107540485		ROAD 27, .5 SOUTH AVENUE 21	93638	CDL
MADERA	S107540472		ROAD 21, 1/2 MI S OF AVENUE 11	93638	CDL
MADERA	S107540438		ROAD 15, 1/2 MILE S OF AVENUE	93638	CDL
MADERA	S107540040		ON ROAD 33 1/2, 1/4 MILE EAST	93638	CDL
MADERA	S107540031		ON ROAD 16, 2.2 MILES NORTH OF	93638	CDL
MADERA	S107540030		ON ROAD 16, 1.5 MILES SOUTH OF	93638	CDL
MADERA	S107526585		1.5 MI SO OF AVENUE 12 ON AVEN		CDL
MADERA	S107540124		ON WALDEN ROAD, NORTH OF AVENU		CDL
MADERA COUNTY	S107532333		2894 AVENUE 20 1/2 (DIRT ROAD)		CDL
MADERA COUNTY	S107531713		24844 AVENUE 18 1/2		CDL
MADERA COUNTY	S107537715		AVENUE 23 1/2 BETW ROADS 10 &		CDL
MADERA COUNTY	S107537697		AVENUE 18 1/2 ON RD 16		CDL
MADERA COUNTY	S107530580		20228 AVENUE 22	93638	CDL
MADERA COUNTY	S107540027		ON ROAD 13, BETWEEN AVENUE 25		CDL

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 08/05/2016	Source: EPA
Date Data Arrived at EDR: 10/05/2016	Telephone: N/A
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 93	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 08/05/2016	Source: EPA
Date Data Arrived at EDR: 10/05/2016	Telephone: N/A
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 93	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	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: 08/05/2016	Source: EPA
Date Data Arrived at EDR: 10/05/2016	Telephone: N/A
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 93	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

### FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 09/14/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2016	Telephone: 703-603-8704
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/05/2017
Number of Days to Update: 17	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Varies

### SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/06/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

### SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/06/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/12/2016	Source: EPA
Date Data Arrived at EDR: 09/28/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

## RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 11/18/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/29/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/29/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/26/2016

Date Data Arrived at EDR: 09/29/2016

Date Made Active in Reports: 11/11/2016

Number of Days to Update: 43

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017

Data Release Frequency: Annually

## ***State- and tribal - equivalent NPL***

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity.

These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 08/01/2016

Date Data Arrived at EDR: 08/02/2016

Date Made Active in Reports: 10/05/2016

Number of Days to Update: 64

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 11/01/2016

Next Scheduled EDR Contact: 02/13/2017

Data Release Frequency: Quarterly

## ***State- and tribal - equivalent CERCLIS***

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies 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: 08/01/2016

Date Data Arrived at EDR: 08/02/2016

Date Made Active in Reports: 10/05/2016

Number of Days to Update: 64

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 11/01/2016

Next Scheduled EDR Contact: 02/13/2017

Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/15/2016

Date Data Arrived at EDR: 08/16/2016

Date Made Active in Reports: 10/05/2016

Number of Days to Update: 50

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 11/15/2016

Next Scheduled EDR Contact: 02/27/2017

Data Release Frequency: Quarterly

## ***State and tribal leaking storage tank lists***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

## LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 11/01/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/2016	Telephone: see region list
Date Made Active in Reports: 12/15/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

## LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

## LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

## LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	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	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2008  
Date Data Arrived at EDR: 07/22/2008  
Date Made Active in Reports: 07/31/2008  
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-4834  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: No Update Planned

## LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6710  
Last EDR Contact: 09/06/2011  
Next Scheduled EDR Contact: 12/19/2011  
Data Release Frequency: No Update Planned

## LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003  
Date Data Arrived at EDR: 05/19/2003  
Date Made Active in Reports: 06/02/2003  
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-542-4786  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: No Update Planned

## LUST REG 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

## INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015  
Date Data Arrived at EDR: 02/12/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 112

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 10/28/2016  
Next Scheduled EDR Contact: 02/06/2017  
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: 10/13/2015  
Date Data Arrived at EDR: 10/23/2015  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 118

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 10/28/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

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

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	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: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land  
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016	Source: EPA, Region 5
Date Data Arrived at EDR: 04/27/2016	Telephone: 312-886-7439
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

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

Date of Government Version: 12/11/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/19/2016	Telephone: 214-665-6597
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 105	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004  
Date Data Arrived at EDR: 11/29/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region  
Telephone: 760-346-7491  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008  
Date Data Arrived at EDR: 04/03/2008  
Date Made Active in Reports: 04/14/2008  
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually

## SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/11/2007  
Date Made Active in Reports: 09/28/2007  
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 08/08/2011  
Next Scheduled EDR Contact: 11/21/2011  
Data Release Frequency: Annually

## **State and tribal registered storage tank lists**

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 10/11/2016  
Next Scheduled EDR Contact: 01/23/2017  
Data Release Frequency: Varies

### UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/12/2016  
Date Data Arrived at EDR: 09/14/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 30

Source: SWRCB  
Telephone: 916-341-5851  
Last EDR Contact: 12/15/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 12/22/2016
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/10/2017
	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: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

### INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

### INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 119	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

### INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 10/28/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

### INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 12/03/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 120	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-9424
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

## INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/05/2015	Source: EPA Region 5
Date Data Arrived at EDR: 11/13/2015	Telephone: 312-886-6136
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

## ***State and tribal voluntary cleanup sites***

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/27/2016
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

### VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/01/2016	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/02/2016	Telephone: 916-323-3400
Date Made Active in Reports: 10/05/2016	Last EDR Contact: 11/01/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***State and tribal Brownfields sites***

### **BROWNFIELDS: Considered Brownfields Sites Listing**

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 02/29/2016  
Date Data Arrived at EDR: 03/07/2016  
Date Made Active in Reports: 05/04/2016  
Number of Days to Update: 58

Source: State Water Resources Control Board  
Telephone: 916-323-7905  
Last EDR Contact: 01/04/2017  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Varies

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

#### **US BROWNFIELDS: A Listing of Brownfields Sites**

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/20/2016  
Date Data Arrived at EDR: 09/21/2016  
Date Made Active in Reports: 11/11/2016  
Number of Days to Update: 51

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 12/20/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Semi-Annually

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

#### **WMUDS/SWAT: Waste Management Unit Database**

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

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

Source: State Water Resources Control Board  
Telephone: 916-227-4448  
Last EDR Contact: 11/07/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: No Update Planned

#### **SWRCY: Recycler Database**

A listing of recycling facilities in California.

Date of Government Version: 09/12/2016  
Date Data Arrived at EDR: 09/14/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 30

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 12/14/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Quarterly

#### **HAULERS: Registered Waste Tire Haulers Listing**

A listing of registered waste tire haulers.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/25/2016  
Date Data Arrived at EDR: 08/26/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 49

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 11/11/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Varies

## INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 10/31/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

## ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 10/24/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: No Update Planned

## IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 11/04/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

## **Local Lists of Hazardous waste / Contaminated Sites**

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 08/31/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 17

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/31/2016  
Next Scheduled EDR Contact: 10/10/2016  
Data Release Frequency: No Update Planned

### HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/01/2016  
Date Data Arrived at EDR: 08/02/2016  
Date Made Active in Reports: 10/05/2016  
Number of Days to Update: 64

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/01/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Quarterly

## CDL: Clandestine Drug Labs

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

Date of Government Version: 08/31/2016  
Date Data Arrived at EDR: 11/18/2016  
Date Made Active in Reports: 12/22/2016  
Number of Days to Update: 34

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Varies

## TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

## US CDL: Clandestine Drug Labs

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

Date of Government Version: 08/30/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 17

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/29/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Quarterly

## **Local Lists of Registered Storage Tanks**

### SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/1994  
Date Data Arrived at EDR: 07/07/2005  
Date Made Active in Reports: 08/11/2005  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/03/2005  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/01/2016  
Date Data Arrived at EDR: 12/06/2016  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 35

Source: Department of Public Health  
Telephone: 707-463-4466  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Annually

## HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990  
Date Data Arrived at EDR: 01/25/1991  
Date Made Active in Reports: 02/12/1991  
Number of Days to Update: 18

Source: State Water Resources Control Board  
Telephone: 916-341-5851  
Last EDR Contact: 07/26/2001  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994  
Date Data Arrived at EDR: 09/05/1995  
Date Made Active in Reports: 09/29/1995  
Number of Days to Update: 24

Source: California Environmental Protection Agency  
Telephone: 916-341-5851  
Last EDR Contact: 12/28/1998  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## Local Land Records

### LIENS: Environmental Liens Listing

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

Date of Government Version: 08/25/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 38

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Varies

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014  
Date Data Arrived at EDR: 03/18/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 37

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 10/28/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Varies

### DEED: Deed Restriction Listing

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/06/2016	Source: DTSC and SWRCB
Date Data Arrived at EDR: 09/07/2016	Telephone: 916-323-3400
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/06/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Semi-Annually

### **Records of Emergency Release Reports**

#### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/27/2016	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/28/2016	Telephone: 202-366-4555
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 12/28/2016
Number of Days to Update: 87	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Annually

#### CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 06/03/2016	Source: Office of Emergency Services
Date Data Arrived at EDR: 07/26/2016	Telephone: 916-845-8400
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 10/26/2016
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

#### LDS: Land Disposal Sites Listing

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/12/2016	Source: State Water Quality Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

#### MCS: Military Cleanup Sites Listing

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Other Ascertainable Records

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 09/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 12/08/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/17/2016  
Next Scheduled EDR Contact: 11/28/2016  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 07/12/2016  
Date Data Arrived at EDR: 08/17/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 65

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 11/08/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013  
Date Data Arrived at EDR: 03/03/2015  
Date Made Active in Reports: 03/09/2015  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 11/11/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Varies

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 01/15/2015  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 14

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 12/23/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 11/24/2015  
Date Made Active in Reports: 04/05/2016  
Number of Days to Update: 133

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 11/22/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 10/24/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Annually

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013  
Date Data Arrived at EDR: 12/12/2013  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 74

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 12/06/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Annually

## RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2016  
Date Data Arrived at EDR: 08/22/2016  
Date Made Active in Reports: 11/11/2016  
Number of Days to Update: 81

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 11/18/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/07/2016
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 10/14/2016
Number of Days to Update: 127	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/27/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/05/2016	Telephone: 202-564-5088
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/09/2017
Number of Days to Update: 77	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Quarterly

## FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

## FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

## MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 11/07/2016
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 12/06/2016
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/06/2016
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/28/2016
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/03/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/05/2016	Telephone: 202-343-9775
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/06/2017
Number of Days to Update: 16	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012  
Date Data Arrived at EDR: 08/07/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 11/02/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2016  
Date Data Arrived at EDR: 08/01/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 53

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 02/24/2015  
Date Made Active in Reports: 09/30/2015  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 11/23/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 10/14/2016  
Next Scheduled EDR Contact: 01/23/2017  
Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/21/2016  
Date Data Arrived at EDR: 07/26/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 59

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 11/08/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/09/2016  
Next Scheduled EDR Contact: 12/05/2016  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016  
Date Data Arrived at EDR: 04/07/2016  
Date Made Active in Reports: 09/02/2016  
Number of Days to Update: 148

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 01/05/2017  
Next Scheduled EDR Contact: 04/17/2017  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust.

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 06/30/2016  
Date Data Arrived at EDR: 07/25/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 88

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 12/22/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 06/30/2016  
Date Data Arrived at EDR: 07/25/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 88

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 12/22/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/05/2016  
Date Data Arrived at EDR: 09/01/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 12/01/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Semi-Annually

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 12/12/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/15/2016  
Date Data Arrived at EDR: 09/07/2016  
Date Made Active in Reports: 11/11/2016  
Number of Days to Update: 65

Source: EPA  
Telephone: (415) 947-8000  
Last EDR Contact: 12/06/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015  
Date Data Arrived at EDR: 01/29/2016  
Date Made Active in Reports: 04/05/2016  
Number of Days to Update: 67

Source: Department of Defense  
Telephone: 571-373-0407  
Last EDR Contact: 12/05/2016  
Next Scheduled EDR Contact: 01/30/2017  
Data Release Frequency: Varies

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016  
Date Data Arrived at EDR: 06/03/2016  
Date Made Active in Reports: 09/02/2016  
Number of Days to Update: 91

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

## CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989  
Date Data Arrived at EDR: 07/27/1994  
Date Made Active in Reports: 08/02/1994  
Number of Days to Update: 6

Source: Department of Health Services  
Telephone: 916-255-2118  
Last EDR Contact: 05/31/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/26/2016  
Date Data Arrived at EDR: 09/27/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 52

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-323-3400  
Last EDR Contact: 12/28/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Quarterly

## DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/02/2016  
Date Data Arrived at EDR: 09/27/2016  
Date Made Active in Reports: 12/15/2016  
Number of Days to Update: 79

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Annually

## EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 09/23/2016  
Date Made Active in Reports: 10/24/2016  
Number of Days to Update: 31

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 12/23/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Varies

## ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/22/2016  
Date Data Arrived at EDR: 08/24/2016  
Date Made Active in Reports: 10/05/2016  
Number of Days to Update: 42

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/25/2016  
Date Data Arrived at EDR: 04/29/2016  
Date Made Active in Reports: 06/21/2016  
Number of Days to Update: 53

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 11/24/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Varies

## Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/10/2016  
Date Data Arrived at EDR: 08/15/2016  
Date Made Active in Reports: 10/05/2016  
Number of Days to Update: 51

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 11/11/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Varies

## HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 10/12/2016  
Date Made Active in Reports: 12/15/2016  
Number of Days to Update: 64

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Annually

## HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001  
Date Data Arrived at EDR: 01/22/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 76

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/22/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/22/2016  
Date Data Arrived at EDR: 08/23/2016  
Date Made Active in Reports: 10/05/2016  
Number of Days to Update: 43

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/22/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Quarterly

## HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/12/2016  
Date Made Active in Reports: 12/15/2016  
Number of Days to Update: 64

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 01/11/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Quarterly

## MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/12/2016  
Date Data Arrived at EDR: 09/14/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 30

Source: Department of Conservation  
Telephone: 916-322-1080  
Last EDR Contact: 12/28/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Varies

## MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 09/06/2016  
Date Data Arrived at EDR: 09/07/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 37

Source: Department of Public Health  
Telephone: 916-558-1784  
Last EDR Contact: 12/06/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Varies

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/16/2016  
Date Data Arrived at EDR: 05/18/2016  
Date Made Active in Reports: 06/23/2016  
Number of Days to Update: 36

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 11/15/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Quarterly

## PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 09/06/2016  
Date Data Arrived at EDR: 09/07/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 37

Source: Department of Pesticide Regulation  
Telephone: 916-445-4038  
Last EDR Contact: 12/06/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Quarterly

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/12/2016  
Date Data Arrived at EDR: 09/14/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 30

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 12/14/2016  
Next Scheduled EDR Contact: 12/26/2016  
Data Release Frequency: Quarterly

## NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/19/2016  
Date Data Arrived at EDR: 09/20/2016  
Date Made Active in Reports: 12/16/2016  
Number of Days to Update: 87

Source: State Water Resources Control Board  
Telephone: 916-445-3846  
Last EDR Contact: 12/16/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: No Update Planned

## UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 07/06/2016  
Date Data Arrived at EDR: 09/14/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 30

Source: Department of Conservation  
Telephone: 916-445-2408  
Last EDR Contact: 12/14/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Varies

## WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board's review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/15/2015  
Date Data Arrived at EDR: 04/17/2015  
Date Made Active in Reports: 06/23/2015  
Number of Days to Update: 67

Source: RWQCB, Central Valley Region  
Telephone: 559-445-5577  
Last EDR Contact: 10/14/2016  
Next Scheduled EDR Contact: 01/23/2017  
Data Release Frequency: Varies

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Quarterly

## WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009  
Date Data Arrived at EDR: 07/21/2009  
Date Made Active in Reports: 08/03/2009  
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board  
Telephone: 213-576-6726  
Last EDR Contact: 12/22/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Varies

## ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/22/2016  
Date Data Arrived at EDR: 08/23/2016  
Date Made Active in Reports: 10/05/2016  
Number of Days to Update: 43

Source: Department of Toxic Substances Control  
Telephone: 877-786-9427  
Last EDR Contact: 11/22/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Quarterly

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/18/2016  
Date Data Arrived at EDR: 09/20/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 12/20/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Quarterly

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2016  
Date Data Arrived at EDR: 08/23/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 59

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 11/22/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Quarterly

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/09/2016  
Date Data Arrived at EDR: 06/13/2016  
Date Made Active in Reports: 09/02/2016  
Number of Days to Update: 81

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Quarterly

## EDR HIGH RISK HISTORICAL RECORDS

### ***EDR Exclusive Records***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### ***Exclusive Recovered Govt. Archives***

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/13/2014  
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/30/2013  
Number of Days to Update: 182

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/14/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 35

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 01/06/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Semi-Annually

#### Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/10/2016  
Date Data Arrived at EDR: 10/12/2016  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 90

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

#### CUPA Facility List

Cupa Facility List

Date of Government Version: 11/10/2016  
Date Data Arrived at EDR: 12/13/2016  
Date Made Active in Reports: 12/22/2016  
Number of Days to Update: 9

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Varies

### BUTTE COUNTY:

#### CUPA Facility Listing

Cupa facility list.

Date of Government Version: 10/21/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 23

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: No Update Planned

### CALVERAS COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility Listing

### Cupa Facility Listing

Date of Government Version: 10/25/2016  
Date Data Arrived at EDR: 10/27/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 22

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 12/27/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Quarterly

## COLUSA COUNTY:

### CUPA Facility List

#### Cupa facility list.

Date of Government Version: 09/02/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 38

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 11/07/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Varies

## CONTRA COSTA COUNTY:

### Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/22/2016  
Date Data Arrived at EDR: 08/24/2016  
Date Made Active in Reports: 10/10/2016  
Number of Days to Update: 47

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 10/31/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

### CUPA Facility List

#### Cupa Facility list

Date of Government Version: 11/01/2016  
Date Data Arrived at EDR: 11/03/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 19

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 10/31/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

## EL DORADO COUNTY:

### CUPA Facility List

#### CUPA facility list.

Date of Government Version: 05/24/2016  
Date Data Arrived at EDR: 05/26/2016  
Date Made Active in Reports: 08/09/2016  
Number of Days to Update: 75

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 10/31/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

## FRESNO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/11/2016  
Date Data Arrived at EDR: 10/14/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 35

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 01/03/2017  
Next Scheduled EDR Contact: 04/17/2017  
Data Release Frequency: Semi-Annually

## HUMBOLDT COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 10/25/2016  
Date Data Arrived at EDR: 10/27/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 22

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 11/21/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## IMPERIAL COUNTY:

### CUPA Facility List

Cupa facility list.

Date of Government Version: 10/24/2016  
Date Data Arrived at EDR: 10/27/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 22

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 10/24/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Varies

## INYO COUNTY:

### CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013  
Date Data Arrived at EDR: 09/11/2013  
Date Made Active in Reports: 10/14/2013  
Number of Days to Update: 33

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## KERN COUNTY:

### Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 11/07/2016  
Date Data Arrived at EDR: 11/08/2016  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 63

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 11/07/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Quarterly

## KINGS COUNTY:



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/14/2016  
Date Data Arrived at EDR: 12/16/2016  
Date Made Active in Reports: 12/22/2016  
Number of Days to Update: 6

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## LAKE COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 09/08/2016  
Date Data Arrived at EDR: 09/09/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 35

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 10/17/2016  
Next Scheduled EDR Contact: 01/30/2017  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

### San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: EPA Region 9  
Telephone: 415-972-3178  
Last EDR Contact: 12/15/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: No Update Planned

### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/05/2016  
Date Data Arrived at EDR: 07/12/2016  
Date Made Active in Reports: 08/18/2016  
Number of Days to Update: 37

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Semi-Annually

### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/17/2016  
Date Data Arrived at EDR: 10/18/2016  
Date Made Active in Reports: 12/15/2016  
Number of Days to Update: 58

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 10/18/2016  
Next Scheduled EDR Contact: 01/30/2017  
Data Release Frequency: Varies

### City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016  
Date Data Arrived at EDR: 01/26/2016  
Date Made Active in Reports: 03/22/2016  
Number of Days to Update: 56

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 10/17/2016  
Next Scheduled EDR Contact: 01/30/2017  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/29/2016	Source: Community Health Services
Date Data Arrived at EDR: 04/06/2016	Telephone: 323-890-7806
Date Made Active in Reports: 06/13/2016	Last EDR Contact: 10/17/2016
Number of Days to Update: 68	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Annually

## City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/02/2015	Telephone: 310-524-2236
Date Made Active in Reports: 04/13/2015	Last EDR Contact: 10/17/2016
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Semi-Annually

## City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 11/04/2015	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 11/13/2015	Telephone: 562-570-2563
Date Made Active in Reports: 12/17/2015	Last EDR Contact: 10/24/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Annually

## City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/23/2016	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 07/12/2016	Telephone: 310-618-2973
Date Made Active in Reports: 08/09/2016	Last EDR Contact: 01/09/2017
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Semi-Annually

## MADERA COUNTY:

### CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/18/2016	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/22/2016	Telephone: 559-675-7823
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 11/16/2016
Number of Days to Update: 32	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Varies

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 04/07/2016	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 04/26/2016	Telephone: 415-499-6647
Date Made Active in Reports: 06/01/2016	Last EDR Contact: 01/03/2017
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Semi-Annually

## MERCED COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

CUPA facility list.

Date of Government Version: 08/17/2016  
Date Data Arrived at EDR: 08/22/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 32

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## MONO COUNTY:

### CUPA Facility List

CUPA Facility List

Date of Government Version: 11/29/2016  
Date Data Arrived at EDR: 12/05/2016  
Date Made Active in Reports: 12/22/2016  
Number of Days to Update: 17

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

## MONTEREY COUNTY:

### CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/24/2016  
Date Data Arrived at EDR: 06/27/2016  
Date Made Active in Reports: 08/09/2016  
Number of Days to Update: 43

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 11/21/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## NAPA COUNTY:

### Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011  
Date Data Arrived at EDR: 12/06/2011  
Date Made Active in Reports: 02/07/2012  
Number of Days to Update: 63

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: No Update Planned

### Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008  
Date Data Arrived at EDR: 01/16/2008  
Date Made Active in Reports: 02/08/2008  
Number of Days to Update: 23

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA Facility List

CUPA facility list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/07/2016  
Date Data Arrived at EDR: 11/08/2016  
Date Made Active in Reports: 12/22/2016  
Number of Days to Update: 44

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 10/31/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2016  
Date Data Arrived at EDR: 08/15/2016  
Date Made Active in Reports: 10/05/2016  
Number of Days to Update: 51

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 11/07/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Annually

### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/03/2016  
Date Data Arrived at EDR: 08/15/2016  
Date Made Active in Reports: 10/07/2016  
Number of Days to Update: 53

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 11/07/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Quarterly

### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2016  
Date Data Arrived at EDR: 08/09/2016  
Date Made Active in Reports: 10/11/2016  
Number of Days to Update: 33

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 11/08/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Quarterly

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/02/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 38

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Semi-Annually

## RIVERSIDE COUNTY:

### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/20/2016  
Date Data Arrived at EDR: 10/25/2016  
Date Made Active in Reports: 12/15/2016  
Number of Days to Update: 51

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 12/19/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/20/2016	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/25/2016	Telephone: 951-358-5055
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 12/19/2016
Number of Days to Update: 77	Next Scheduled EDR Contact: 04/03/2017
	Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/22/2016	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/04/2016	Telephone: 916-875-8406
Date Made Active in Reports: 11/18/2016	Last EDR Contact: 01/05/2017
Number of Days to Update: 45	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

### Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/22/2016	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/04/2016	Telephone: 916-875-8406
Date Made Active in Reports: 12/16/2016	Last EDR Contact: 01/05/2017
Number of Days to Update: 73	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

## SAN BERNARDINO COUNTY:

### Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/06/2016	Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 09/07/2016	Telephone: 909-387-3041
Date Made Active in Reports: 10/19/2016	Last EDR Contact: 11/07/2016
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

### Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013	Source: Hazardous Materials Management Division
Date Data Arrived at EDR: 09/24/2013	Telephone: 619-338-2268
Date Made Active in Reports: 10/17/2013	Last EDR Contact: 12/06/2016
Number of Days to Update: 23	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015  
Date Data Arrived at EDR: 11/07/2015  
Date Made Active in Reports: 01/04/2016  
Number of Days to Update: 58

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 12/21/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Varies

## Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010  
Date Data Arrived at EDR: 06/15/2010  
Date Made Active in Reports: 07/09/2010  
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 11/07/2016  
Next Scheduled EDR Contact: 02/20/2017  
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: 11/16/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

### San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 09/21/2016  
Date Data Arrived at EDR: 09/22/2016  
Date Made Active in Reports: 10/18/2016  
Number of Days to Update: 26

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 12/15/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/18/2016  
Date Data Arrived at EDR: 08/22/2016  
Date Made Active in Reports: 10/04/2016  
Number of Days to Update: 43

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## SAN MATEO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/02/2016  
Date Data Arrived at EDR: 06/07/2016  
Date Made Active in Reports: 06/22/2016  
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Annually

## Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/09/2016  
Date Data Arrived at EDR: 06/13/2016  
Date Made Active in Reports: 08/09/2016  
Number of Days to Update: 57

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Semi-Annually

## SANTA BARBARA COUNTY:

### CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## SANTA CLARA COUNTY:

### Cupa Facility List

Cupa facility list

Date of Government Version: 08/17/2016  
Date Data Arrived at EDR: 08/22/2016  
Date Made Active in Reports: 10/04/2016  
Number of Days to Update: 43

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

### HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

### LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 13

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/03/2016  
Date Data Arrived at EDR: 08/08/2016  
Date Made Active in Reports: 10/07/2016  
Number of Days to Update: 60

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 11/07/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Annually

## SANTA CRUZ COUNTY:

### CUPA Facility List

CUPA facility listing.

Date of Government Version: 08/17/2016  
Date Data Arrived at EDR: 08/22/2016  
Date Made Active in Reports: 10/04/2016  
Number of Days to Update: 43

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## SHASTA COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 09/12/2016  
Date Data Arrived at EDR: 09/15/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 29

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 11/21/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## SOLANO COUNTY:

### Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016  
Date Data Arrived at EDR: 12/21/2016  
Date Made Active in Reports: 12/22/2016  
Number of Days to Update: 1

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Quarterly

### Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016  
Date Data Arrived at EDR: 12/22/2016  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 19

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### Cupa Facility List

Cupa Facility list



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/27/2016  
Date Data Arrived at EDR: 09/28/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 55

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 12/22/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Varies

## Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/04/2016  
Date Data Arrived at EDR: 10/06/2016  
Date Made Active in Reports: 12/16/2016  
Number of Days to Update: 71

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 12/22/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Quarterly

## SUTTER COUNTY:

### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/02/2016  
Date Data Arrived at EDR: 12/06/2016  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 35

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Semi-Annually

## TUOLUMNE COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 10/27/2016  
Date Data Arrived at EDR: 10/28/2016  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 74

Source: Division of Environmental Health  
Telephone: 209-533-5633  
Last EDR Contact: 10/24/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Varies

## VENTURA COUNTY:

### Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 06/28/2016  
Date Data Arrived at EDR: 08/01/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 53

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 10/24/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Quarterly

### Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011  
Date Data Arrived at EDR: 12/01/2011  
Date Made Active in Reports: 01/19/2012  
Number of Days to Update: 49

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 12/30/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 11/14/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Quarterly

## Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 06/28/2016	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 08/01/2016	Telephone: 805-654-2813
Date Made Active in Reports: 10/07/2016	Last EDR Contact: 10/24/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

## Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/29/2016	Source: Environmental Health Division
Date Data Arrived at EDR: 09/14/2016	Telephone: 805-654-2813
Date Made Active in Reports: 10/11/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/30/2016	Source: Yolo County Department of Health
Date Data Arrived at EDR: 08/24/2016	Telephone: 530-666-8646
Date Made Active in Reports: 10/11/2016	Last EDR Contact: 01/03/2017
Number of Days to Update: 48	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Annually

## YUBA COUNTY:

### CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 10/28/2016	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 11/03/2016	Telephone: 530-749-7523
Date Made Active in Reports: 12/15/2016	Last EDR Contact: 10/31/2016
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013  
Date Data Arrived at EDR: 08/19/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/11/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: No Update Planned

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 09/29/2016  
Date Made Active in Reports: 01/03/2017  
Number of Days to Update: 96

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Annually

## NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/01/2016  
Date Data Arrived at EDR: 11/02/2016  
Date Made Active in Reports: 01/04/2017  
Number of Days to Update: 63

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/02/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Annually

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 07/22/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 123

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 10/14/2016  
Next Scheduled EDR Contact: 01/30/2017  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 06/19/2015  
Date Made Active in Reports: 07/15/2015  
Number of Days to Update: 26

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 11/21/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 04/14/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 50

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 12/12/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

## Electric Power Transmission Line Data

Source: PennWell Corporation

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## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STREET AND ADDRESS INFORMATION

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

CASTELLINA PROPERTY  
AVENUE 18 AND ROAD 281/2  
MADERA, CA 93638

### TARGET PROPERTY COORDINATES

Latitude (North):	37.007494 - 37° 0' 26.98"
Longitude (West):	120.049108 - 120° 2' 56.79"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	762571.6
UTM Y (Meters):	4099572.5
Elevation:	297 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	5640040 KISMET, CA
Version Date:	2012
South Map:	5602514 MADERA, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

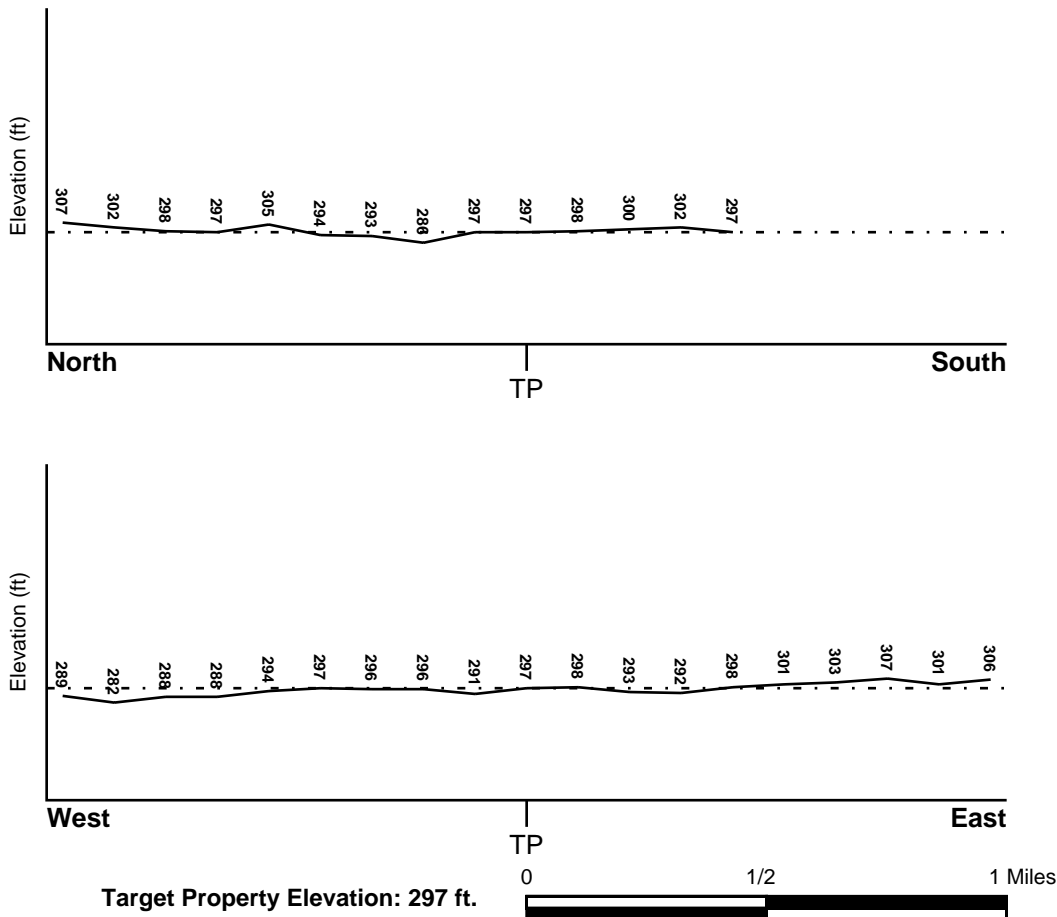
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06039C0920E	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06039C0915E	FEMA FIRM Flood data
06039C1160E	FEMA FIRM Flood data
06039C1155E	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
KISMET	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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

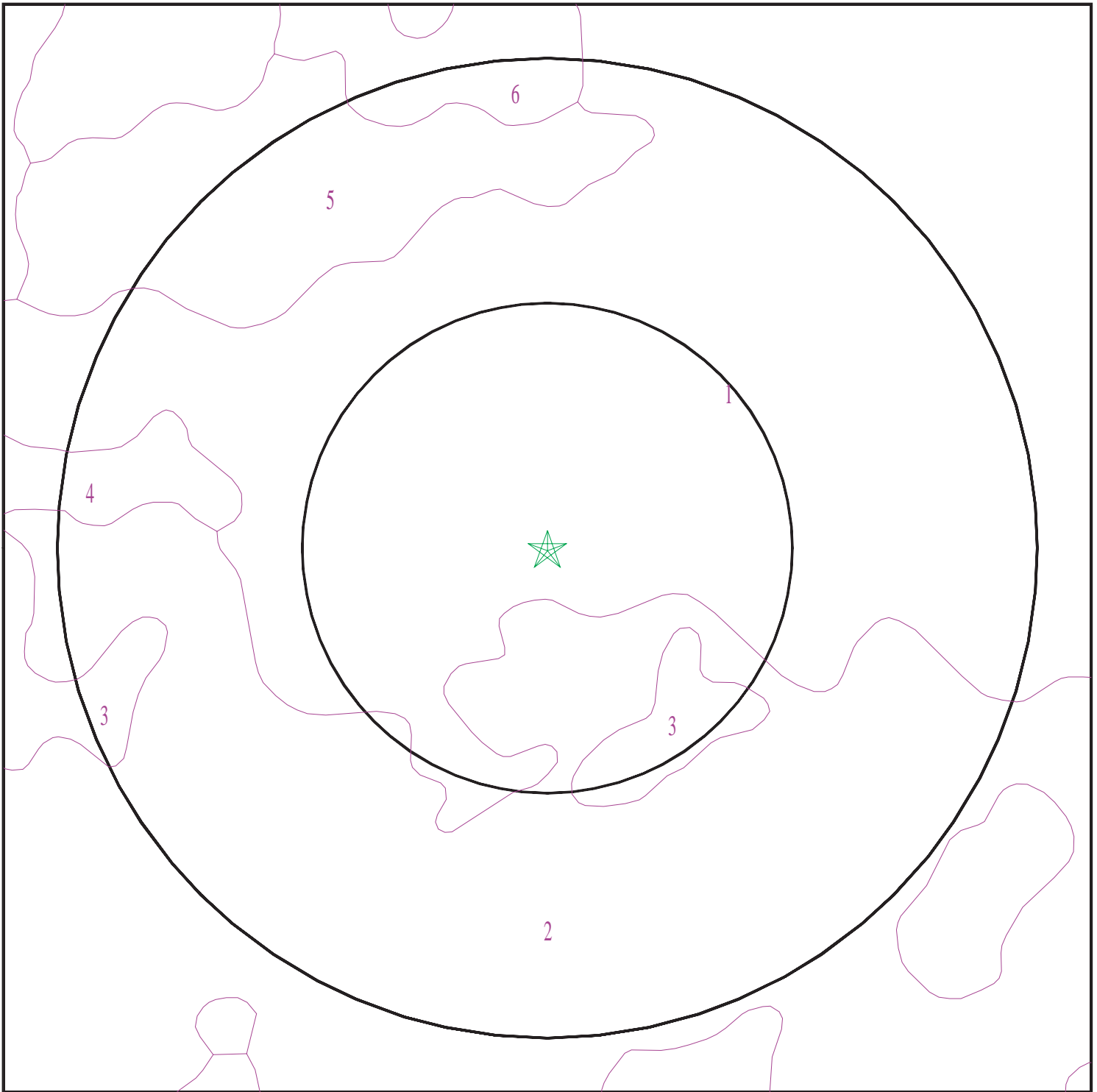
Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 4826284.12s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Castellina Property  
ADDRESS: Avenue 18 and Road 281/2  
Madera CA 93638  
LAT/LONG: 37.007494 / 120.049108

CLIENT: McCloskey Consultants Inc  
CONTACT: Tom McCloskey  
INQUIRY #: 4826284.12s  
DATE: January 12, 2017 1:11 pm

# 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: Cometa

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6.5 Min: 5.6
2	16 inches	27 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1
3	27 inches	59 inches	stratified sandy loam to sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 2**

Soil Component Name: San Joaquin

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6.5 Min: 5.6
2	11 inches	18 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.8 Min: 5.6
3	18 inches	22 inches	indurated	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
4	22 inches	59 inches	stratified sandy loam to loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 3

Soil Component Name: Alamo

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
2	11 inches	22 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1
3	22 inches	29 inches	indurated	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

### Soil Map ID: 4

Soil Component Name: Greenfield

Soil Surface Texture: sandy 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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	22 inches	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: 7.8 Min: 6.1
2	22 inches	40 inches	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: 7.8 Min: 6.1
3	40 inches	59 inches	cemented	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

### Soil Map ID: 5

Soil Component Name: Hanford

Soil Surface Texture: fine sandy 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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	fine 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: 7.8 Min: 5.6
2	11 inches	40 inches	fine 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: 7.8 Min: 5.6
3	40 inches	59 inches	cemented	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

### Soil Map ID: 6

Soil Component Name: Tujunga

Soil Surface Texture: loamy sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.1

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	11 inches	40 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
3	40 inches	44 inches	cemented	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
4	44 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1

### 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

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	USGS40000180302	1/2 - 1 Mile SSE

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

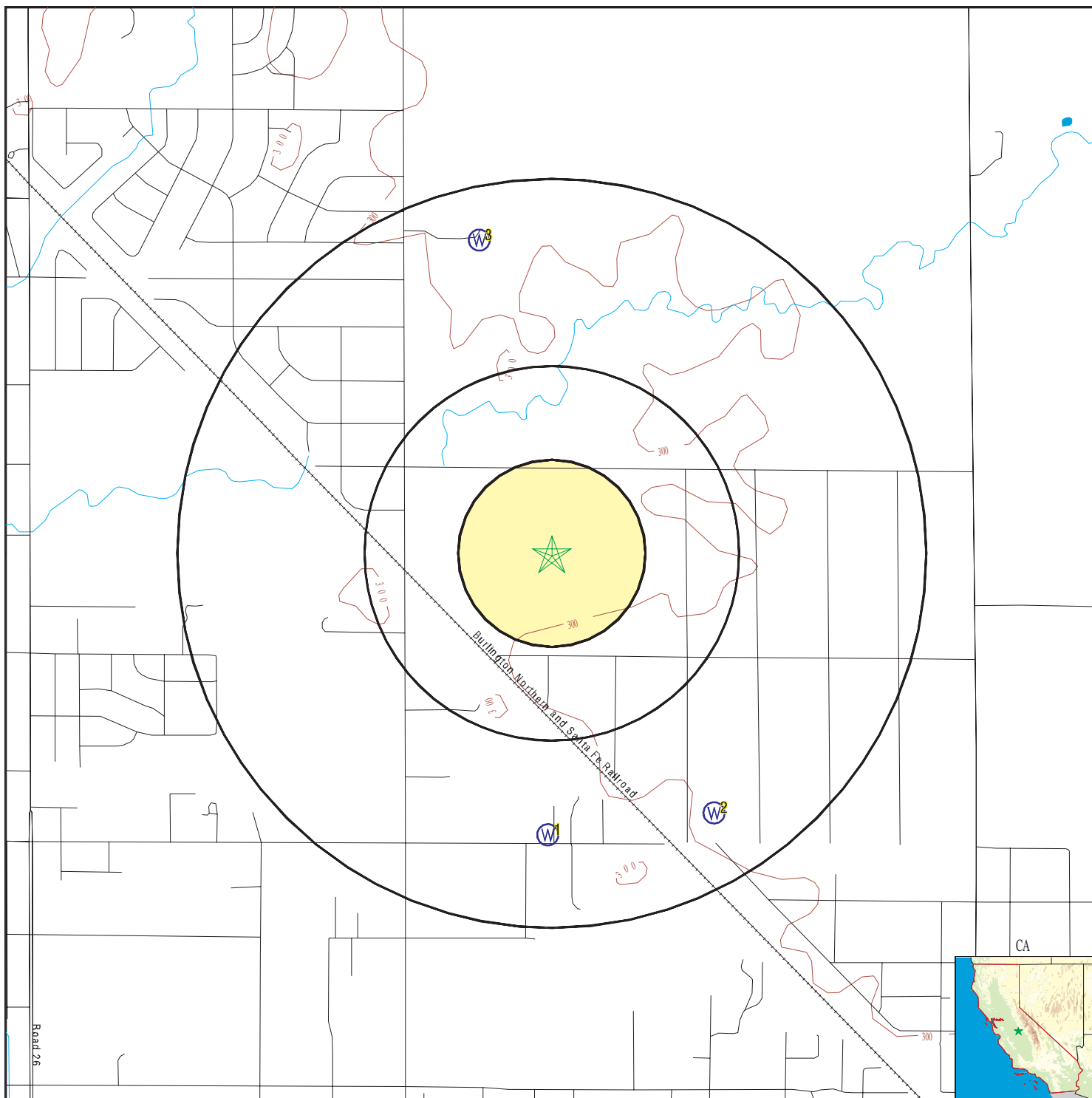
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CADW60000025066	1/2 - 1 Mile South
3	CADW60000005207	1/2 - 1 Mile NNW

# PHYSICAL SETTING SOURCE MAP - 4826284.12s



- 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
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Castellina Property  
 ADDRESS: Avenue 18 and Road 281/2  
 Madera CA 93638  
 LAT/LONG: 37.007494 / 120.049108

CLIENT: McCloskey Consultants Inc  
 CONTACT: Tom McCloskey  
 INQUIRY #: 4826284.12s  
 DATE: January 12, 2017 1:11 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**  
**South**      **CA WELLS**      **CADW60000025066**  
**1/2 - 1 Mile**  
**Lower**

Objectid: 25066  
 Latitude: 36.9966  
 Longitude: -120.0493  
 Site code: 369966N1200493W001  
 State well numbe: 11S18E06P001M  
 Local well name: "  
 Well use id: 6  
 Well use descrip: Unknown  
 County id: 20  
 County name: Madera  
 Basin code: '5-22.06'  
 Basin desc: Madera  
 Dwr region id: 80237  
 Dwr region: South Central Region Office  
 Site id: CADW60000025066

**2**  
**SSE**      **FED USGS**      **USGS40000180302**  
**1/2 - 1 Mile**  
**Higher**

Org. Identifier: USGS-CA  
 Formal name: USGS California Water Science Center  
 Monloc Identifier: USGS-365951120022501  
 Monloc name: 011S018E06P001M  
 Monloc type: Well  
 Monloc desc: Not Reported  
 Huc code: 18040001      Drainagearea value: Not Reported  
 Drainagearea Units: Not Reported      Contrib drainagearea: Not Reported  
 Contrib drainagearea units: Not Reported      Latitude: 36.997447  
 Longitude: -120.041273      Sourcemap scale: Not Reported  
 Horiz Acc measure: Unknown      Horiz Acc measure units: Unknown  
 Horiz Collection method: Interpolated from map  
 Horiz coord refsys: NAD83      Vert measure val: 294.00  
 Vert measure units: feet      Vertacc measure val: 2.5  
 Vert accmeasure units: feet  
 Vertcollection method: Interpolated from topographic map  
 Vert coord refsys: NGVD29      Countrycode: US  
 Aquifername: Central Valley aquifer system  
 Formation type: Not Reported  
 Aquifer type: Not Reported  
 Construction date: 19570101      Welldepth: 96  
 Welldepth units: ft      Wellholedepth: Not Reported  
 Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----	-----	-----	-----	-----	-----
1965-04-01	73.00		1965-04-01	73.00	

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**3**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADW60000005207**

Objectid:            5207  
 Latitude:            37.019616  
 Longitude:          -120.052603  
 Site code:           370196N1200526W001  
 State well numbe:   Not Reported  
 Local well name:    'MID 9'  
 Well use id:          4  
 Well use descrip:    Residential  
 County id:            20  
 County name:        Madera  
 Basin code:          '5-22.06'  
 Basin desc:          Madera  
 Dwr region id:      80237  
 Dwr region:         South Central Region Office  
 Site id:              CADW60000005207

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93638	22	2

Federal EPA Radon Zone for MADERA 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: 93638

Number of sites tested: 5

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.900 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

#### California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

## OTHER STATE DATABASE INFORMATION

#### California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### RADON

#### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### OTHER

Airport Landing Facilities: Private and public use landing facilities  
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.


### STREET AND ADDRESS INFORMATION

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## **Appendix D**

### **Historical Aerial Photographs, Topographic Maps, and City Directory Report**



Castellina Property

Avenue 18 and Road 281/2

Madera, CA 93638

Inquiry Number: 4826284.20

January 17, 2017

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

**Site Name:**

Castellina Property  
 Avenue 18 and Road 281/2  
 Madera, CA 93638  
 EDR Inquiry # 4826284.20

**Client Name:**

McCloskey Consultants Inc  
 420 Sycamore Valley Road West  
 Danville, CA 94526  
 Contact: Tom McCloskey



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

**Search Results:**

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Acquisition Date: September 12, 1998	USGS/DOQQ
1987	1"=700'	Flight Date: January 01, 1987	USGS
1981	1"=700'	Flight Date: January 01, 1981	USGS
1978	1"=700'	Flight Date: January 01, 1978	USGS
1960	1"=700'	Flight Date: January 01, 1960	USGS
1958	1"=700'	Flight Date: January 01, 1958	USGS
1950	1"=700'	Flight Date: January 01, 1950	USDA
1946	1"=700'	Flight Date: January 01, 1946	USGS
1937	1"=700'	Flight Date: January 01, 1937	USDA

**When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.**

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INQUIRY #: 4826284.20

YEAR: 2012

— = 500'







INQUIRY #: 4826284.20

YEAR: 2012

— = 500'



N





INQUIRY #: 4826284.20

YEAR: 2010

— = 500'







INQUIRY #: 4826284.20  
YEAR: 2010

— = 500'







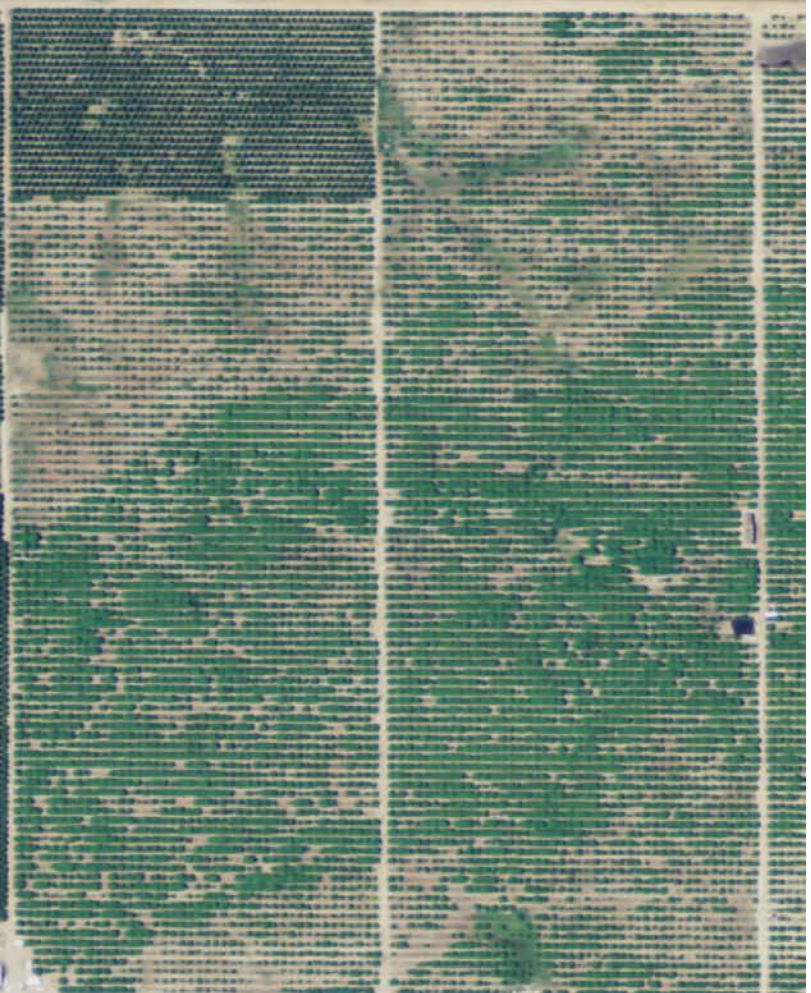
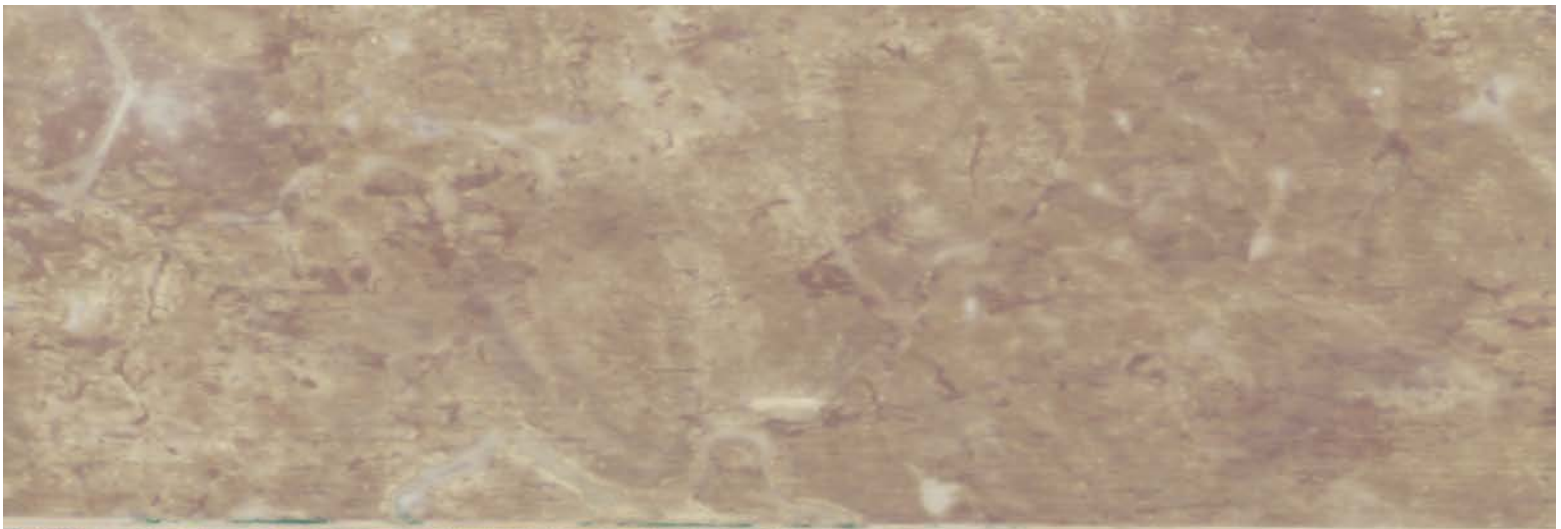
INQUIRY #: 4826284.20

YEAR: 2009

— = 500'







INQUIRY #: 4826284.20

YEAR: 2009

— = 500'







INQUIRY #: 4826284.20

YEAR: 2006

— = 500'







INQUIRY #: 4826284.20

YEAR: 2006

— = 500'







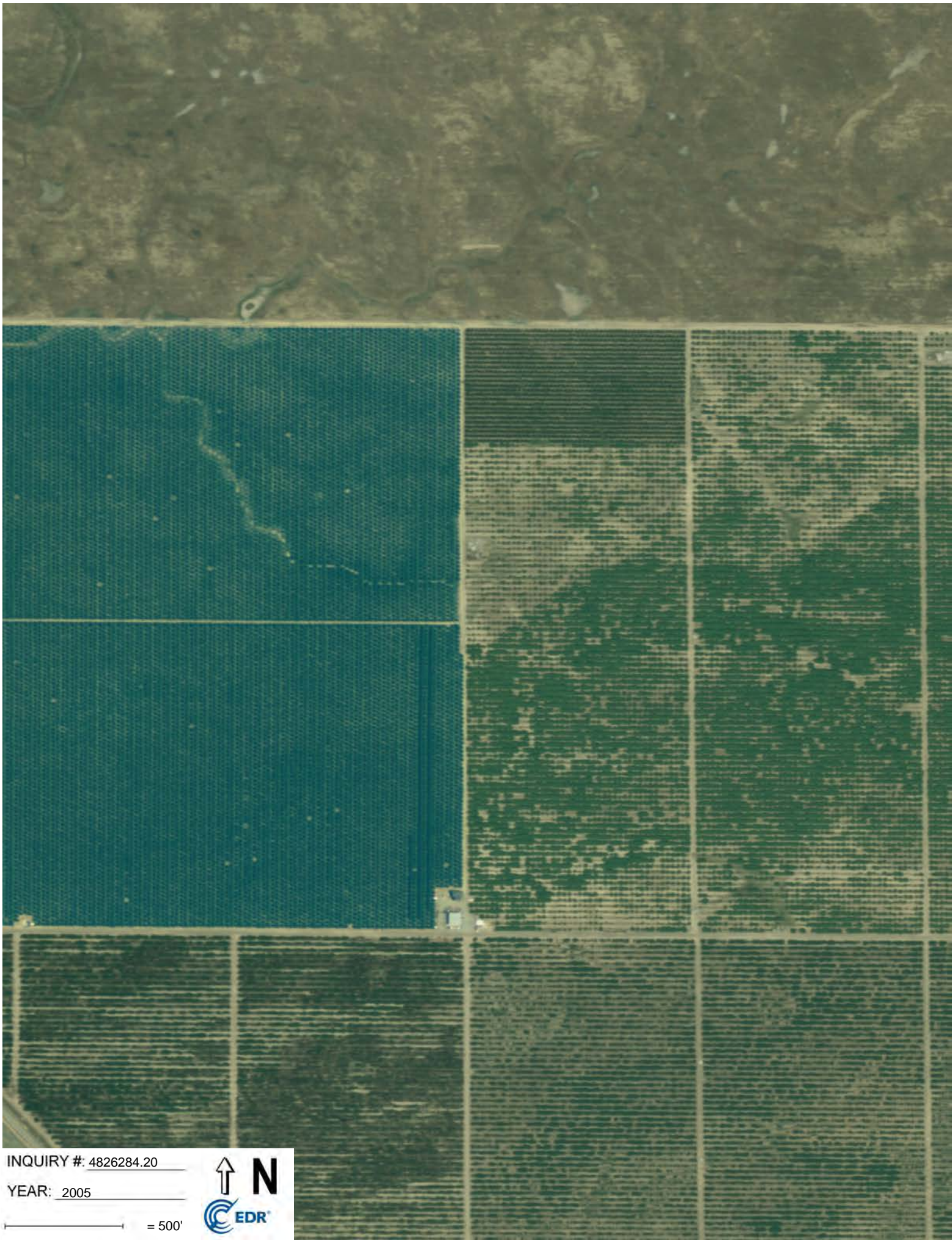
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YEAR: 2005

— = 500'







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YEAR: 2005

— = 500'







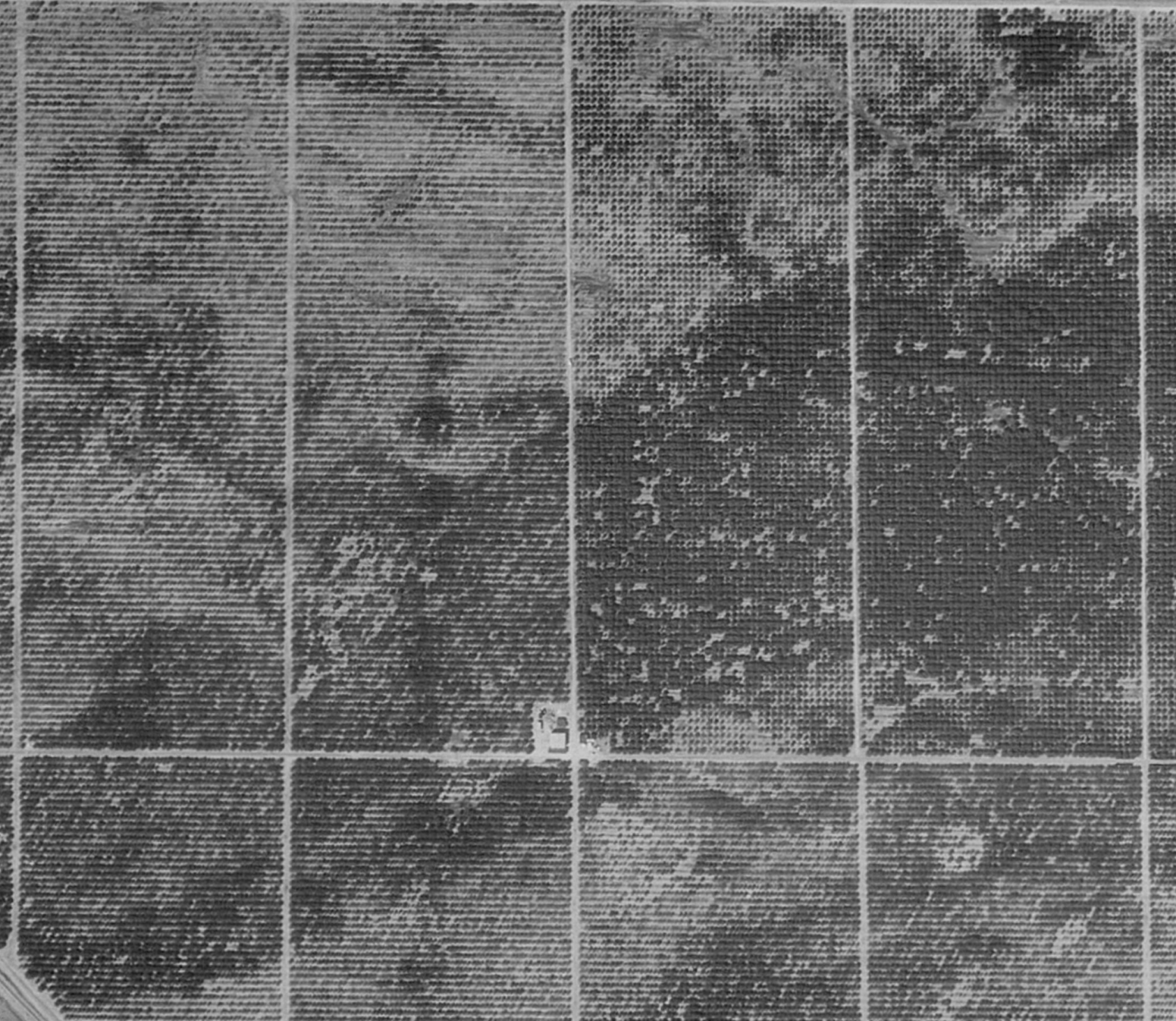
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YEAR: 1998

— = 500'







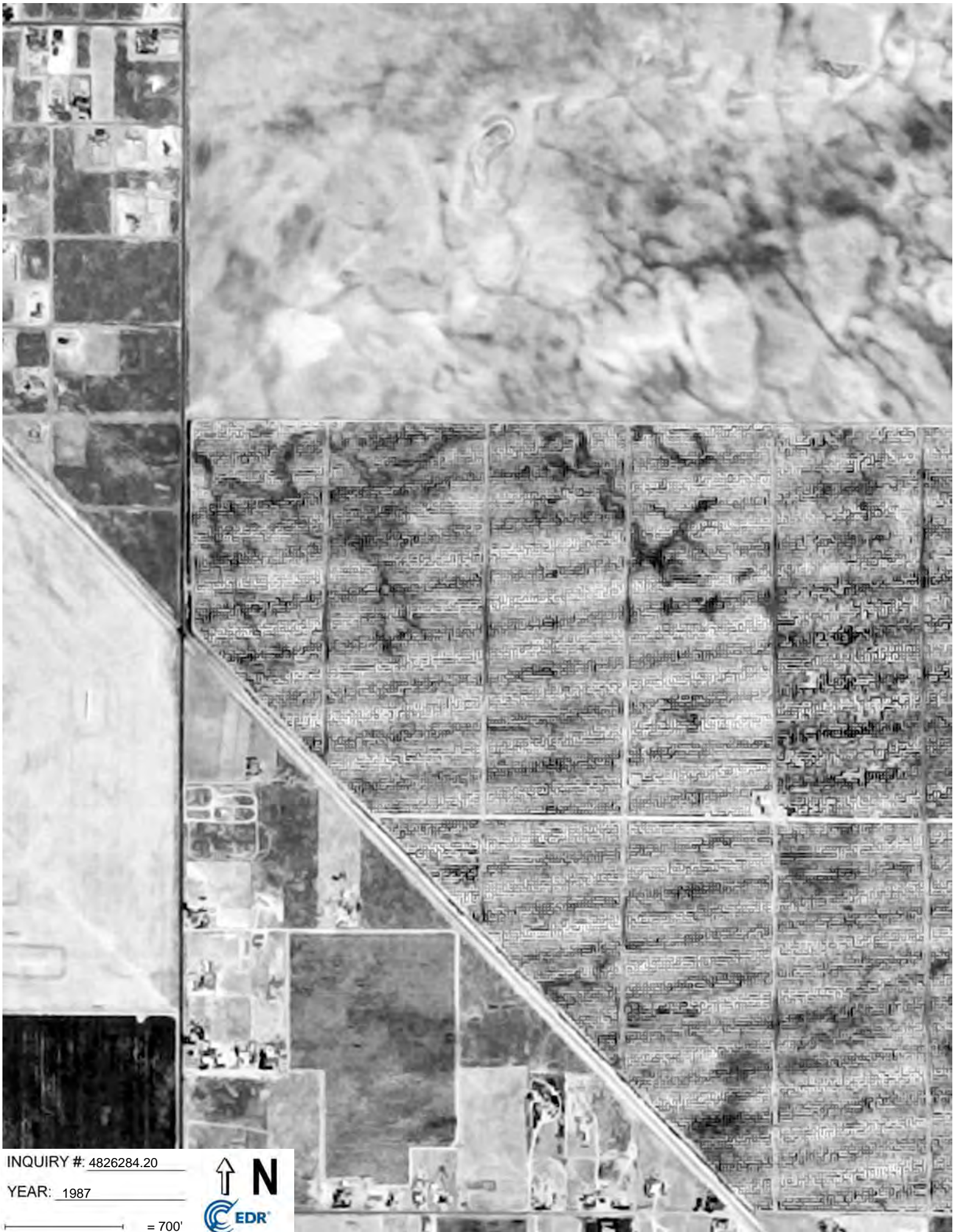
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YEAR: 1998

— 500' —







INQUIRY #: 4826284.20

YEAR: 1987

— = 700'







INQUIRY #: 4826284.20

YEAR: 1981

— = 700'







INQUIRY #: 4826284.20

YEAR: 1978

— = 700'







INQUIRY #: 4826284.20

YEAR: 1960

— = 700'







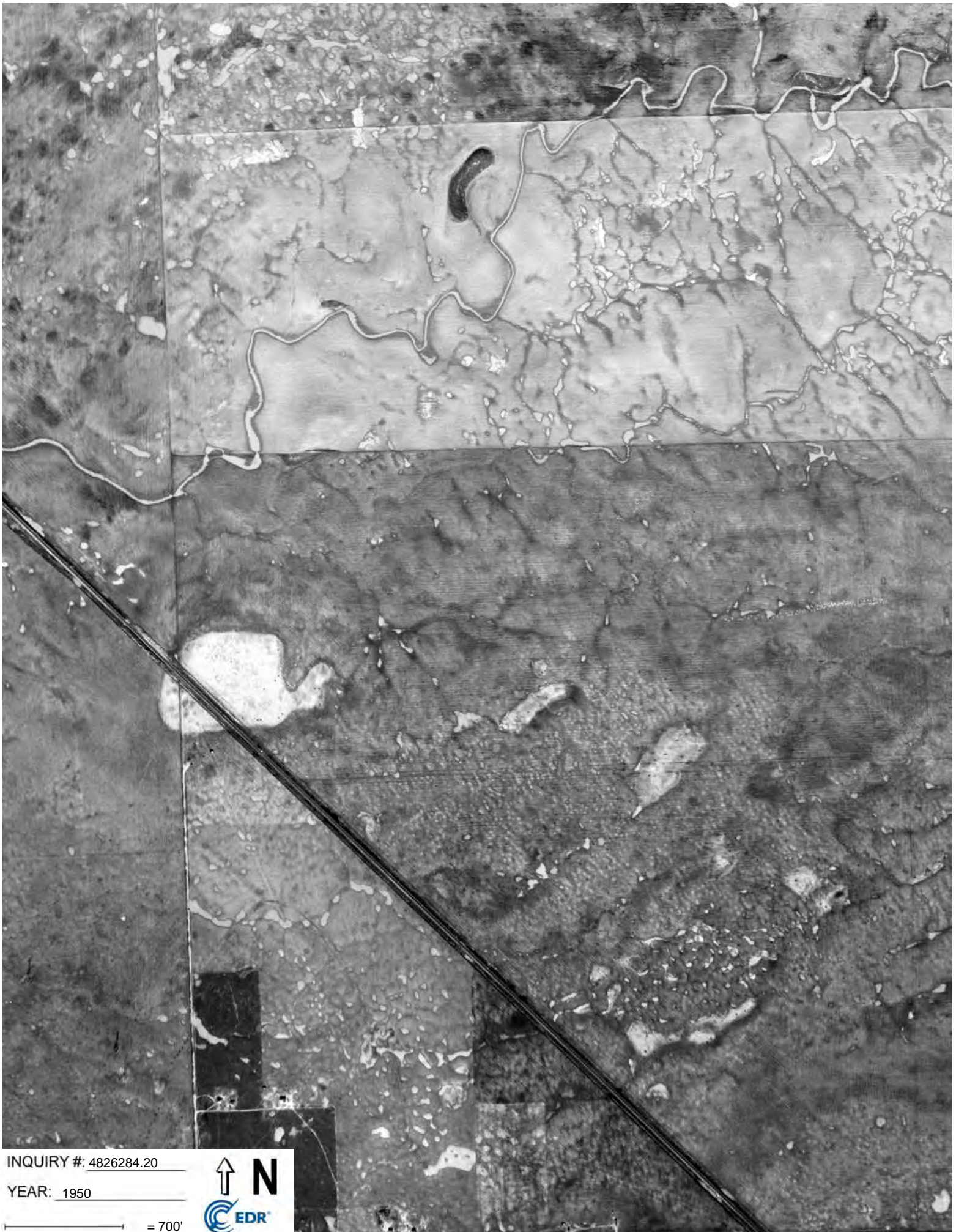
INQUIRY # 4826284.20

YEAR: 1958

— = 700'







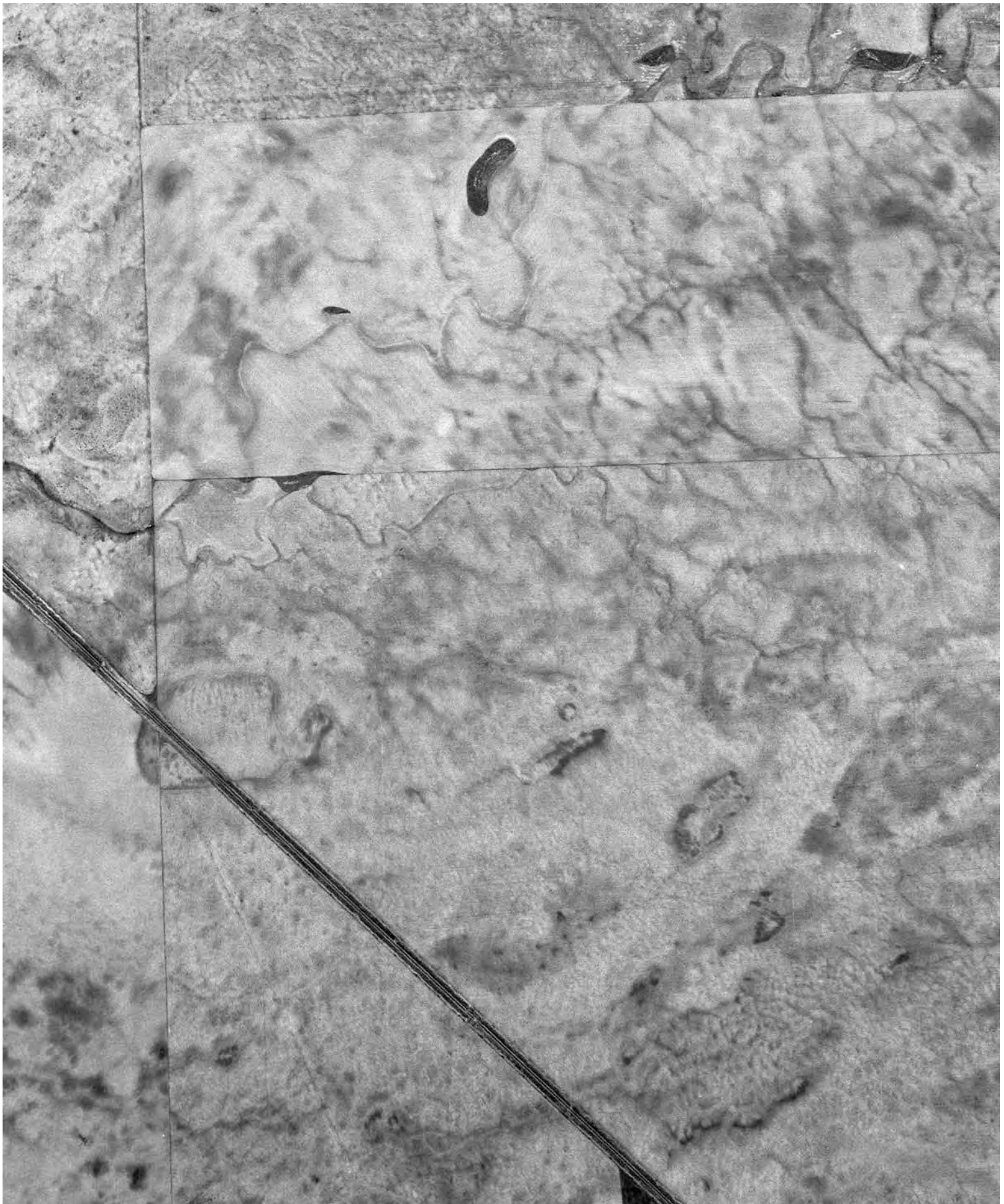
INQUIRY #: 4826284.20

YEAR: 1950

— = 700'







INQUIRY #: 4826284.20

YEAR: 1946

— = 700'







INQUIRY #: 4826284.20

YEAR: 1937

— = 700'



Castellina Property

Avenue 18 and Road 281/2

Madera, CA 93638

Inquiry Number: 4826284.14

January 12, 2017

## EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



# EDR Historical Topo Map Report

01/12/17

**Site Name:**

Castellina Property  
Avenue 18 and Road 281/2  
Madera, CA 93638  
EDR Inquiry # 4826284.14

**Client Name:**

McCloskey Consultants Inc  
420 Sycamore Valley Road West  
Danville, CA 94526  
Contact: Tom McCloskey



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by McCloskey Consultants Inc were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:****Coordinates:**

<b>P.O.#</b>	NA	<b>Latitude:</b>	37.007494 37° 0' 27" North
<b>Project:</b>	Castellina Phase I	<b>Longitude:</b>	-120.049108 -120° 2' 57" West
		<b>UTM Zone:</b>	Zone 10 North
		<b>UTM X Meters:</b>	762565.24
		<b>UTM Y Meters:</b>	4099775.60
		<b>Elevation:</b>	297.00' above sea level

**Maps Provided:**

2012  
1987  
1981  
1961, 1963  
1947, 1948  
1946  
1920, 1922

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## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2012 Source Sheets



Kismet  
2012  
7.5-minute, 24000



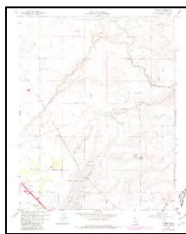
Madera  
2012  
7.5-minute, 24000

### 1987 Source Sheets

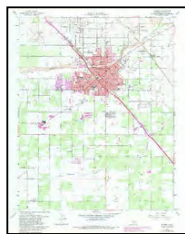


Kismet  
1987  
7.5-minute, 24000  
Aerial Photo Revised 1984

### 1981 Source Sheets

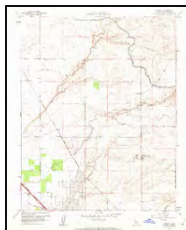


Kismet  
1981  
7.5-minute, 24000  
Aerial Photo Revised 1978

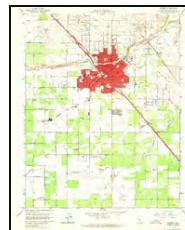


Madera  
1981  
7.5-minute, 24000  
Aerial Photo Revised 1978

### 1961, 1963 Source Sheets



Kismet  
1961  
7.5-minute, 24000  
Aerial Photo Revised 1960



Madera  
1963  
7.5-minute, 24000  
Aerial Photo Revised 1962

## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1947, 1948 Source Sheets



Madera  
1947  
7.5-minute, 24000



Kismet  
1948  
7.5-minute, 24000

### 1946 Source Sheets



Madera  
1946  
15-minute, 62500

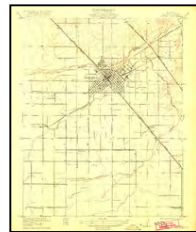


Le Grand  
1946  
15-minute, 62500

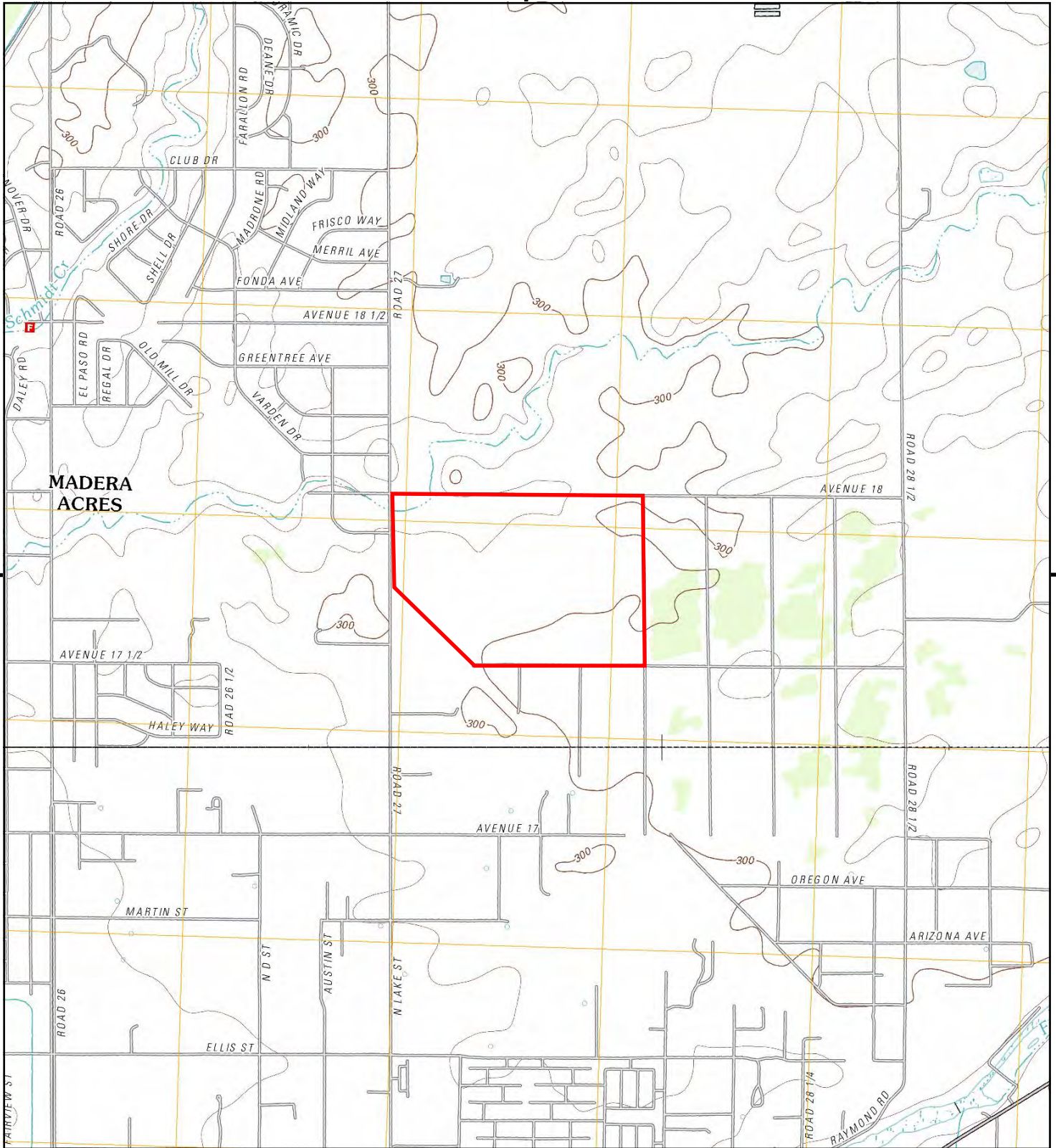
### 1920, 1922 Source Sheets



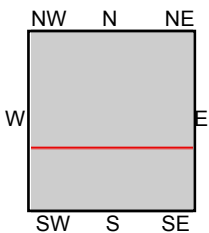
Kismet  
1920  
7.5-minute, 31680



Madera  
1922  
7.5-minute, 31680



This report includes information from the following map sheet(s).

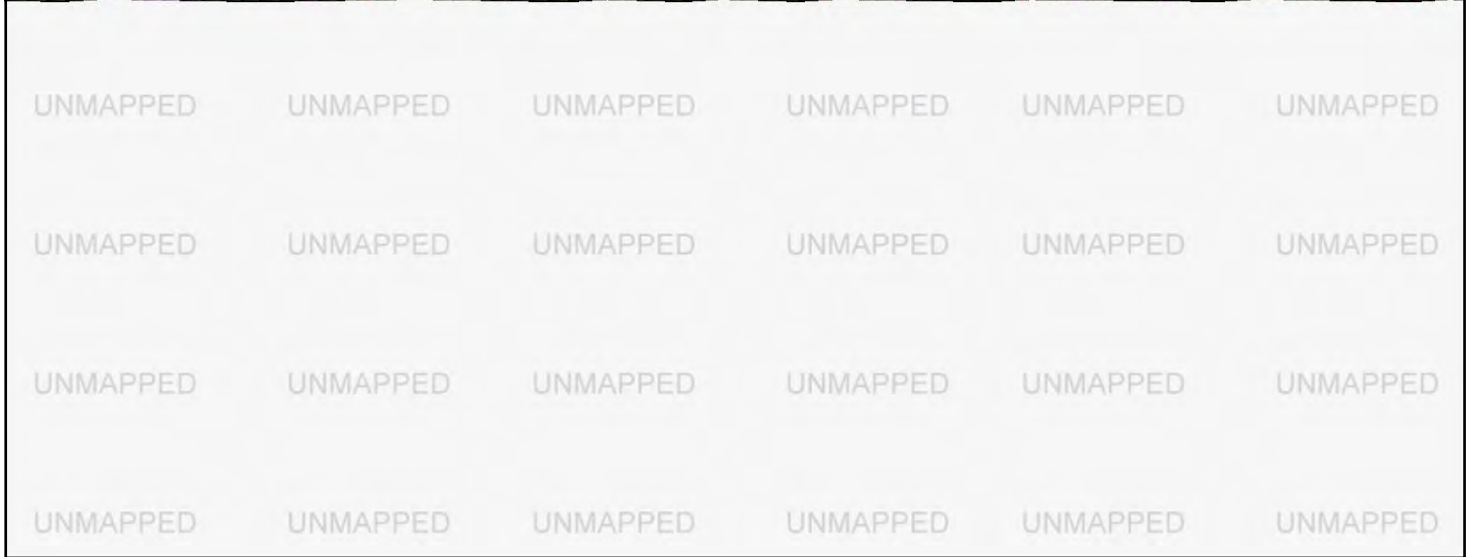
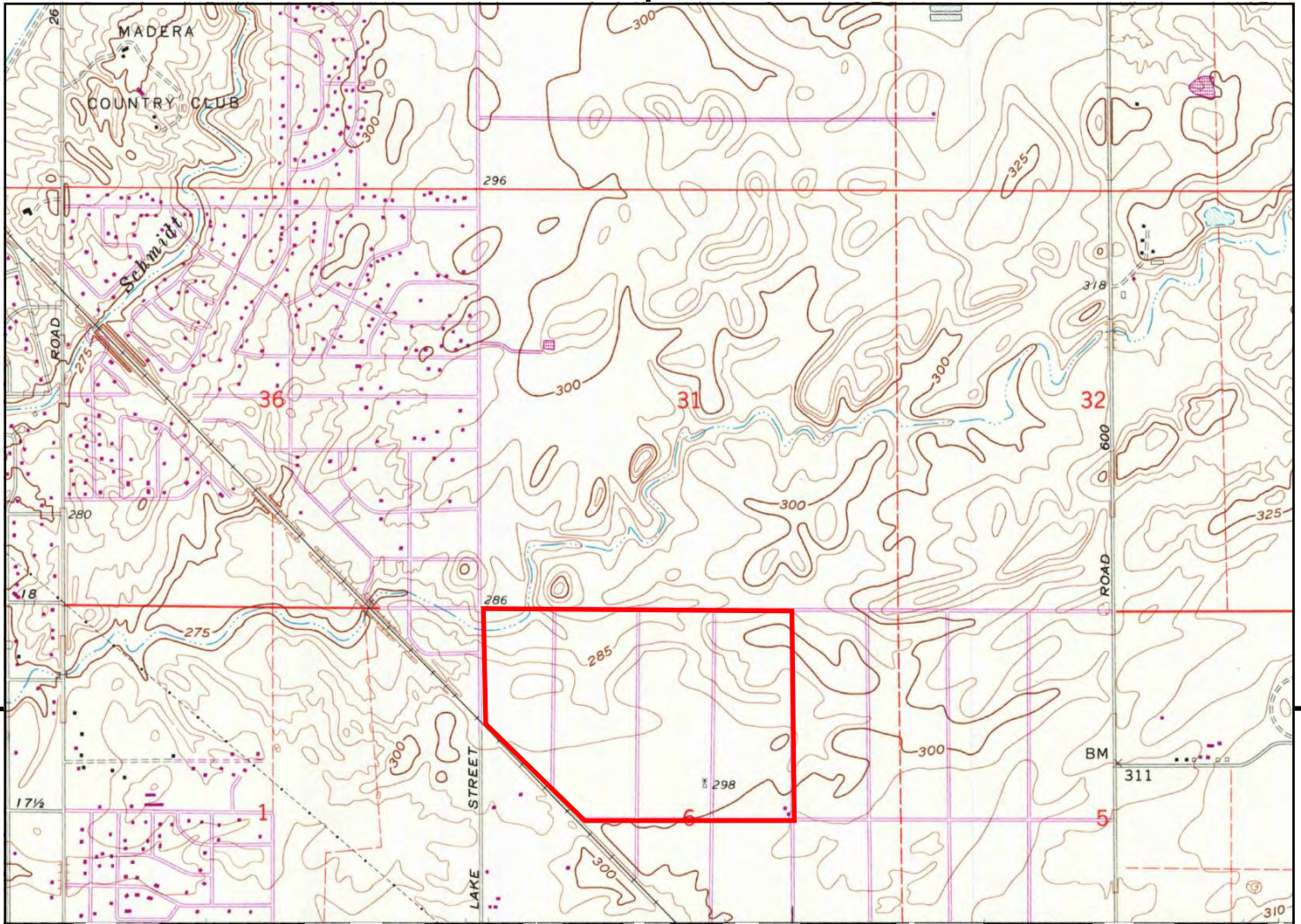


TP, Kismet, 2012, 7.5-minute  
S, Madera, 2012, 7.5-minute

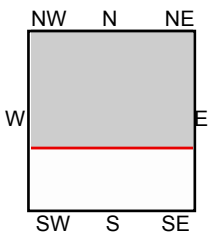
**SITE NAME:** Castellina Property  
**ADDRESS:** Avenue 18 and Road 28 1/2  
Madera, CA 93638  
**CLIENT:** McCloskey Consultants Inc







This report includes information from the following map sheet(s).

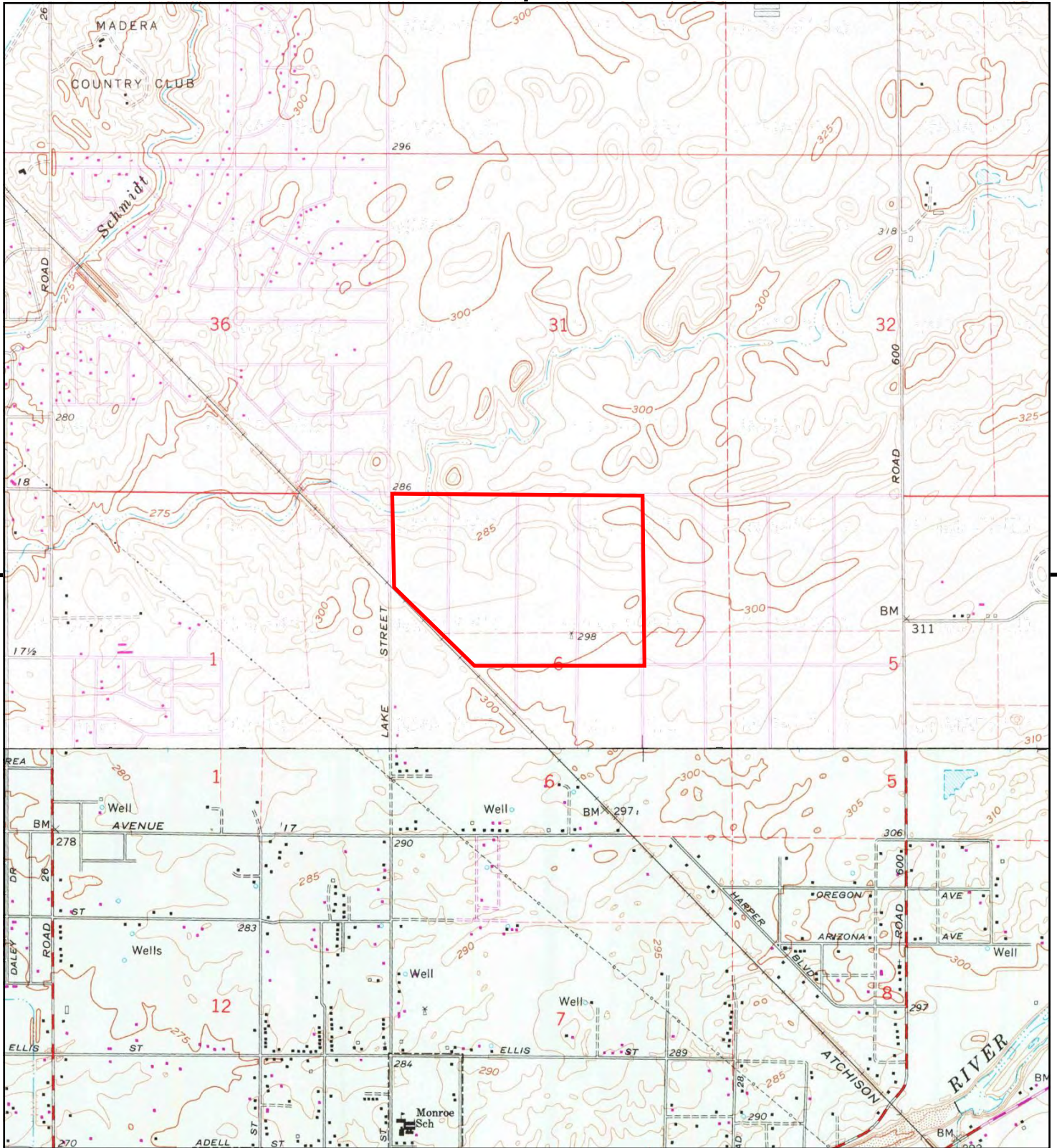


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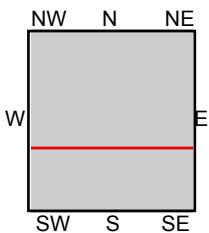
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 Madera, CA 93638  
**CLIENT:** McCloskey Consultants Inc







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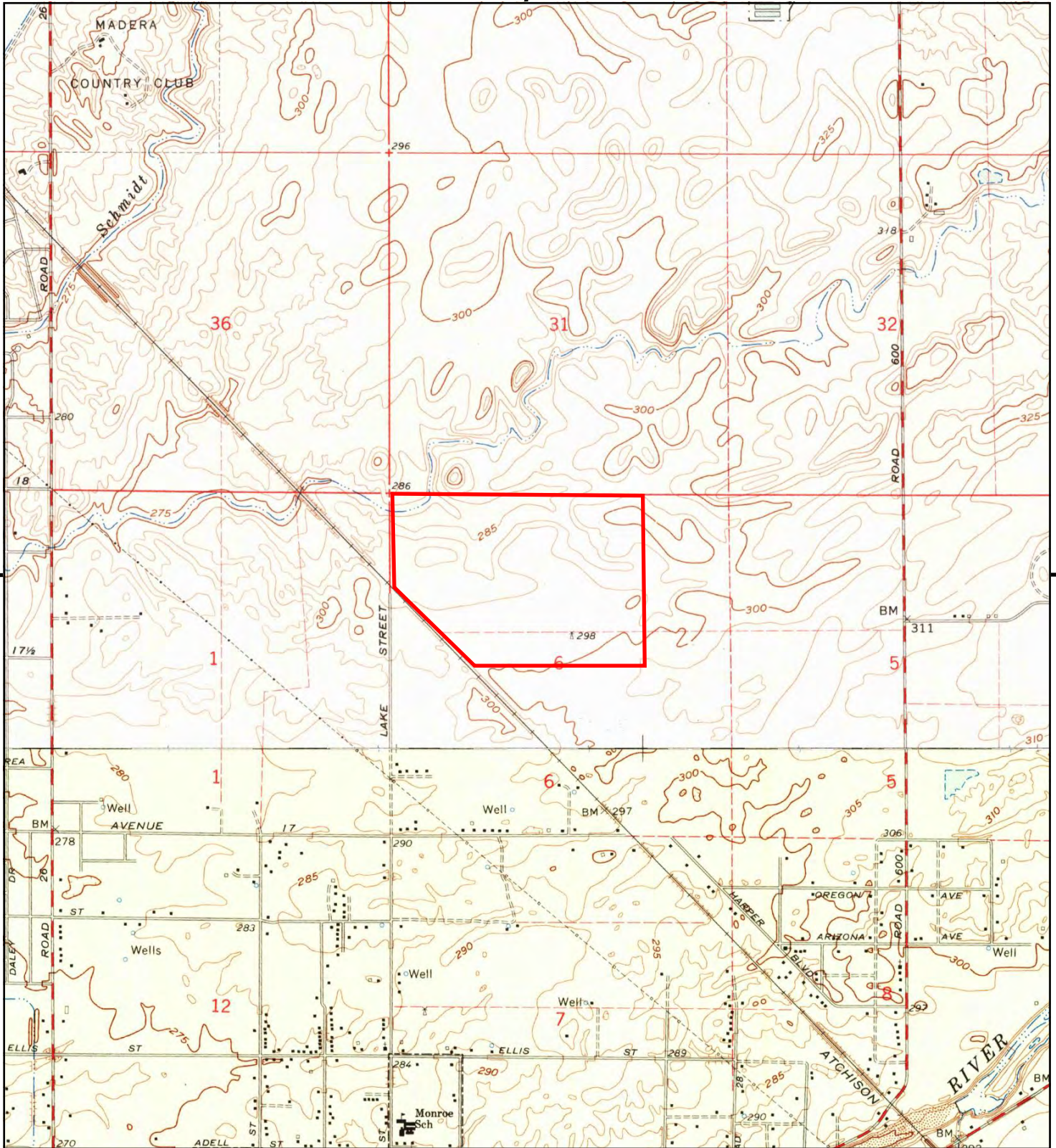


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S, Madera, 1981, 7.5-minute

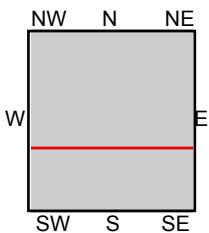
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**ADDRESS:** Avenue 18 and Road 281/2  
Madera, CA 93638  
**CLIENT:** McCloskey Consultants Inc







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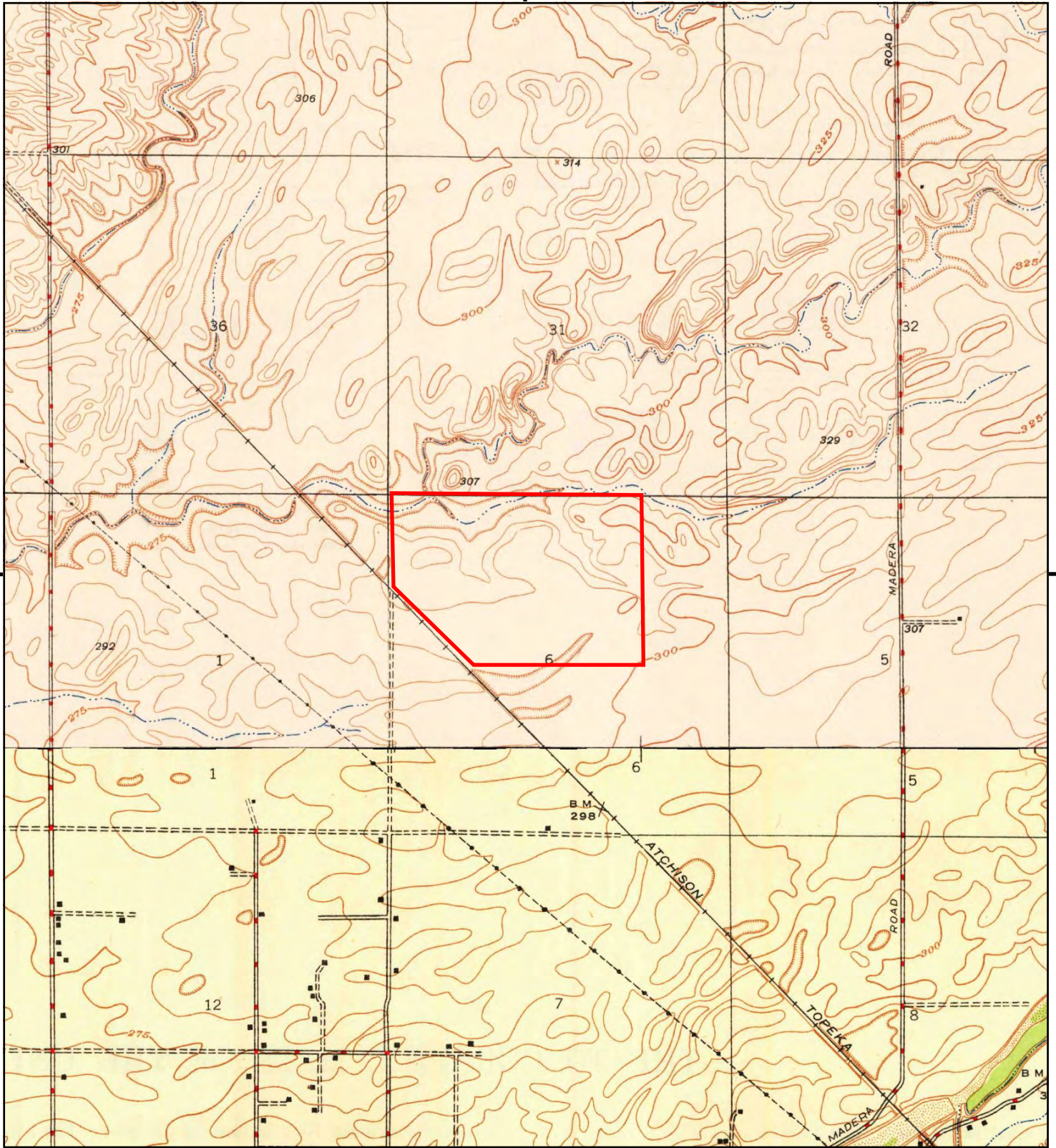


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S, Madera, 1963, 7.5-minute

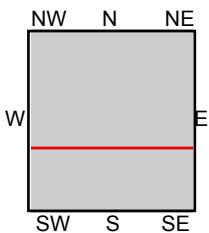
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**ADDRESS:** Avenue 18 and Road 281/2  
Madera, CA 93638  
**CLIENT:** McCloskey Consultants Inc







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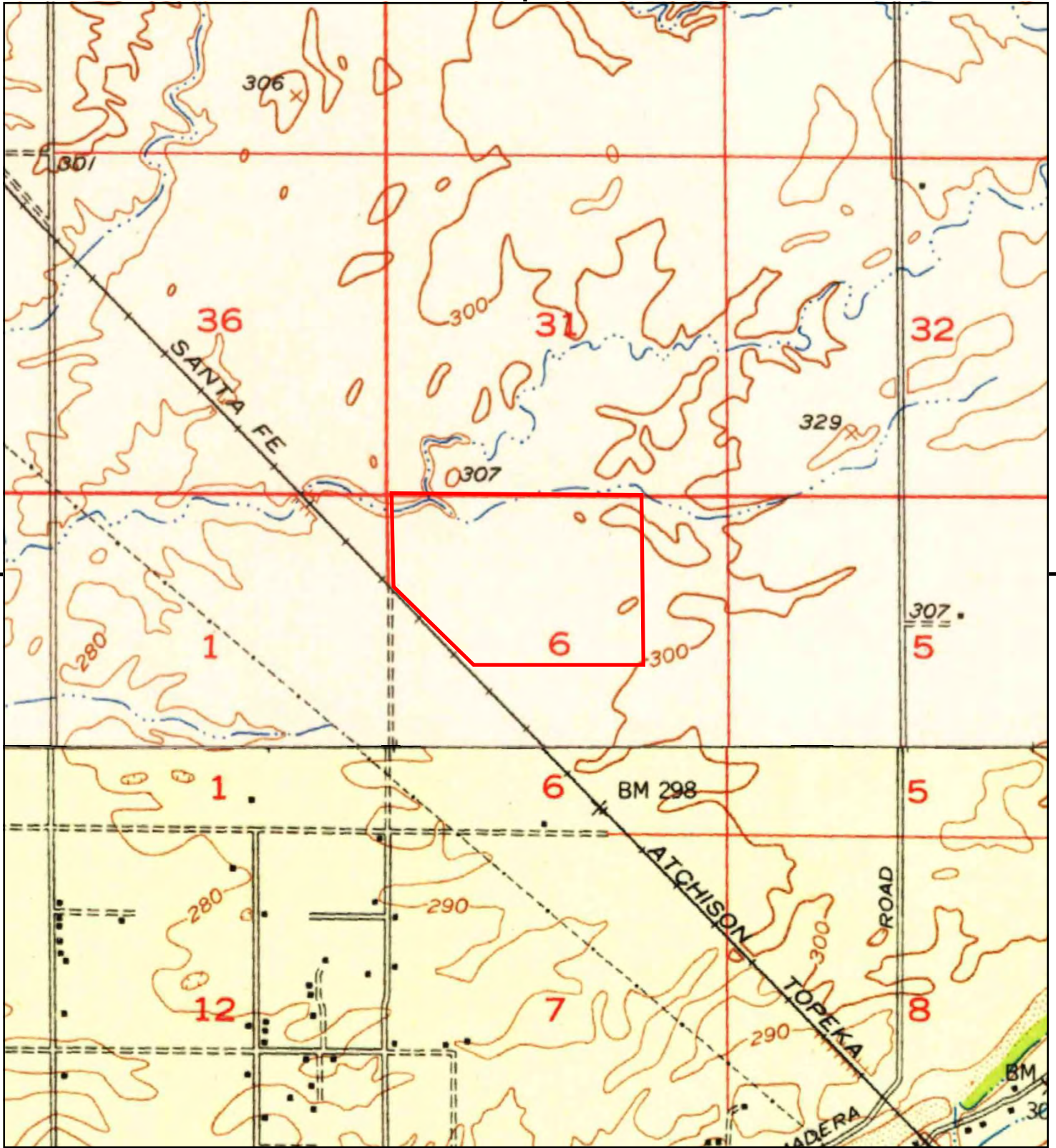


TP, Kismet, 1948, 7.5-minute  
S, Madera, 1947, 7.5-minute

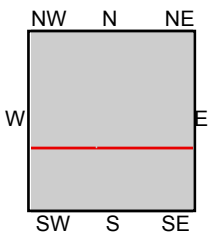
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**ADDRESS:** Avenue 18 and Road 281/2  
Madera, CA 93638  
**CLIENT:** McCloskey Consultants Inc







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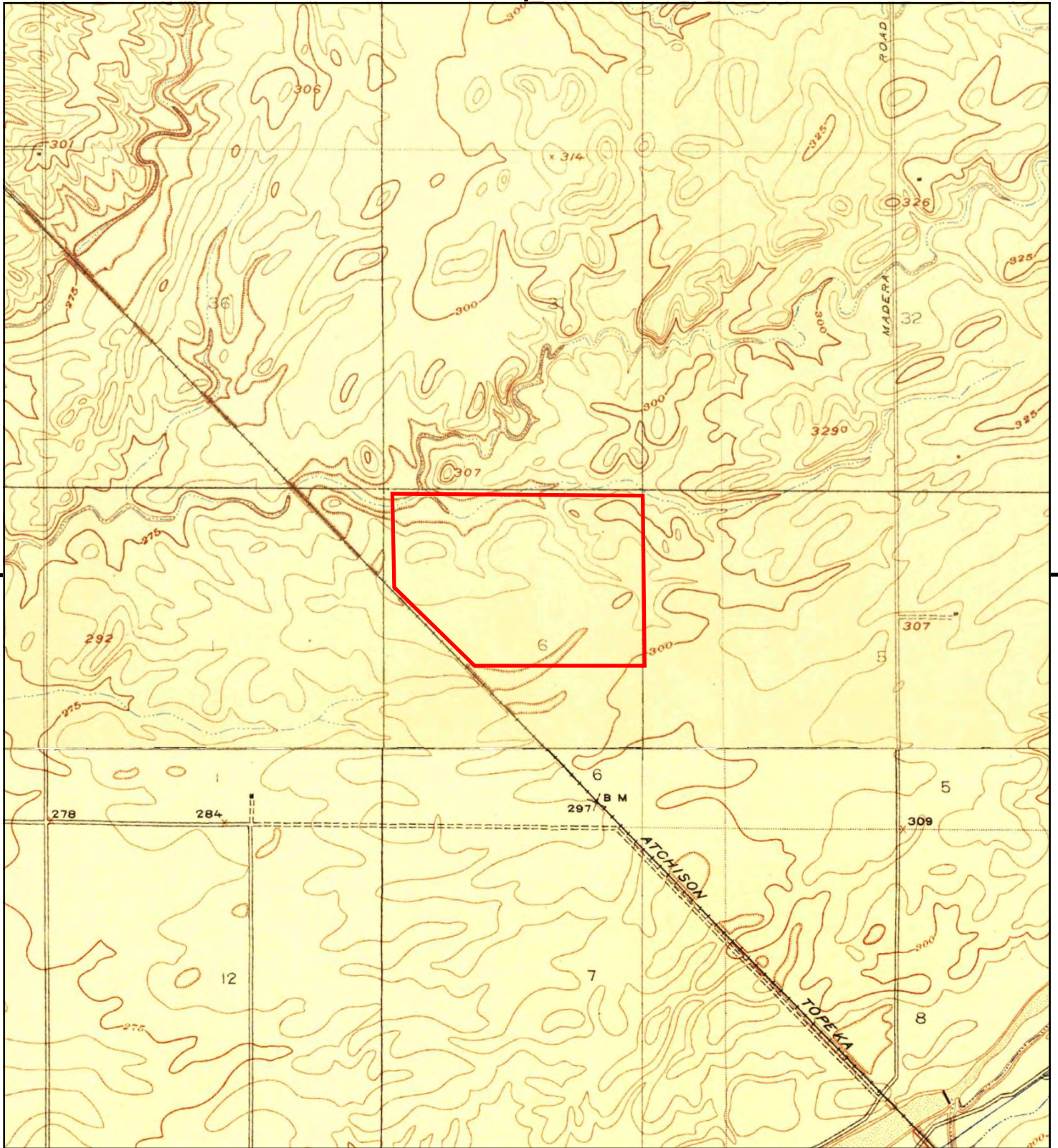


TP, Le Grand, 1946, 15-minute  
SW, Madera, 1946, 15-minute

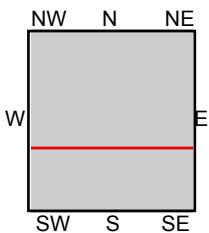
SITE NAME: Castellina Property  
ADDRESS: Avenue 18 and Road 281/2  
Madera, CA 93638  
CLIENT: McCloskey Consultants Inc







This report includes information from the following map sheet(s).



TP, Kismet, 1920, 7.5-minute  
S, Madera, 1922, 7.5-minute

**SITE NAME:** Castellina Property  
**ADDRESS:** Avenue 18 and Road 281/2  
Madera, CA 93638  
**CLIENT:** McCloskey Consultants Inc



**Castellina Property**

Avenue 18 and Road 28 and a Half  
Madera, CA 93638

Inquiry Number: 4826284.15  
January 13, 2017

# The EDR-City Directory Image Report

## TABLE OF CONTENTS

### **SECTION**

**Executive Summary**

**Findings**

**City Directory Images**

***Thank you for your business.***

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1985	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1981	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1976	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1971	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1969	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1964	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1958	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory

### RECORD SOURCES

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# FINDINGS

## TARGET PROPERTY STREET

Avenue 18 and Road 28 and a Half  
Madera, CA 93638

Year                      CD Image                      Source

### AVENUE 18

2013	pg A2	Cole Information Services	
2008	pg A9	Cole Information Services	
2003	pg A15	Cole Information Services	
1999	pg A21	Cole Information Services	
1995	pg A26	Cole Information Services	
1992	pg A30	Cole Information Services	
1985	-	Polk's City Directory	Street not listed in Source
1981	-	Polk's City Directory	Street not listed in Source
1976	-	Polk's City Directory	Street not listed in Source
1971	-	Polk's City Directory	Street not listed in Source
1969	-	Polk's City Directory	Street not listed in Source
1964	-	Polk's City Directory	Street not listed in Source
1958	-	Polk's City Directory	Street not listed in Source

### ROAD 28 1/2

2013	pg A5	Cole Information Services
2008	pg A12	Cole Information Services
2003	pg A18	Cole Information Services
1999	pg A24	Cole Information Services
1995	pg A28	Cole Information Services
1992	pg A32	Cole Information Services

### ROAD 28 AND A HALF

2013	pg A8	Cole Information Services	
1985	-	Polk's City Directory	Street not listed in Source
1981	-	Polk's City Directory	Street not listed in Source
1976	-	Polk's City Directory	Street not listed in Source
1971	-	Polk's City Directory	Street not listed in Source

## FINDINGS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
1969	-	Polk's City Directory	Street not listed in Source
1964	-	Polk's City Directory	Street not listed in Source
1958	-	Polk's City Directory	Street not listed in Source

## FINDINGS

### CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
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### ROAD 28 1 2

1992	pg. A31	Cole Information Services
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## **City Directory Images**

**AVENUE 18      2013**

15260 GUZMAN MARIA  
15331 PARDEEP BASRA  
SUNRISE TRUCK SERVICE  
15339 OCCUPANT UNKNOWN  
15432 MANUEL ROCHA  
15562 OCCUPANT UNKNOWN  
15788 MANUEL ROCHA  
16417 CARMELA SALAZAR  
16888 MIGUEL CONTRERAS  
17109 OCCUPANT UNKNOWN  
17202 K KEY  
17312 OCCUPANT UNKNOWN  
17366 LOURENCO ORCHARD  
LUIS LOURENCO  
17393 BALDIP SAHOTA  
17770 OCCUPANT UNKNOWN  
18383 TRISHA ERVIN  
18453 HECTOR MURILLO  
18491 OCCUPANT UNKNOWN  
18525 DERRICK UPTON  
18577 GARY BURNTHORNE  
18602 OCCUPANT UNKNOWN  
18697 ORLANDO SORIA  
19110 STEVEN SMITH  
19184 OCCUPANT UNKNOWN  
19232 GENE JENKINS  
19238 DEBBE GUNTER  
19249 AMRIK GILL  
19565 GERALD JOHNSON  
19620 LOUIS PLASCENCIA  
19730 MARVIN GIDDINGS  
19734 OCCUPANT UNKNOWN  
19751 KENNETH ROBBINS  
19770 ROBERT CLAY  
19791 OCCUPANT UNKNOWN  
20123 HENRY WOOD  
20214 JULIUS DENIZ  
20249 RAJBIR BAINS  
20308 BERGE TCHAPARIAN  
20353 LARRY GUNTER  
20458 JUANA MALDONADO  
20588 ROSALINDA HERRERA  
20592 JARROD MINER  
20814 BERGE TCHAPARIAN  
20860 CAMPOS CESAR  
20866 HASMIK TCHAPARIAN  
21179 OCCUPANT UNKNOWN  
21688 OCCUPANT UNKNOWN  
21881 MARIA CABRERA  
22115 OCCUPANT UNKNOWN



-

## AVENUE 18      2013      (Cont'd)

22325	OCCUPANT UNKNOWN
22481	RICHARD AYALA
22578	OCCUPANT UNKNOWN
22601	WILLIAM GARLICK
22721	DAVID CROOM
23177	RICK GAMBRIL
23231	JOSE CORONA
24294	DYKSTRA KIDDIE RIDES
	GARY FOX & CO WATER WELL DRILLINGPU
	PEPS AUTO BODY & PAINTING
24368	RAMIRO JIMENEZ
24400	ESPERANZA BARAJAS
24464	OCCUPANT UNKNOWN
24520	ONKAR JOSHI
24552	DARRELL FOWLER
24584	LOREN DENNEY
24618	CLEOTILDE SOTO
24692	ALBERTO GIL
24724	LINDA ALEXANDER
24796	ANDREA ROBINSON
	POSITIVE PET TRAINING & SUPPLY
24810	JENNIFER BREDBERG
24828	LOREN KUTZ
24860	OSCAR GIRON
24892	ELIZABETH HATHAWAY
25026	MIGUEL CEJA
25027	CLYDE LEWIS
	FERNANDO FALCON
25066	NORMAN ARTER
25106	LUIS CARDENAS
25133	SALVADOR CAMIRO
25199	PAUL RENNER
25233	RYAN TITTERINGTON
25250	MICHAEL SPARKS
25269	ELOY CARDOZO
	ETCHEVERRY ROSEANN
	MARTIAL ETCHEVERRY
	ROSEANN LARA
25326	OCCUPANT UNKNOWN
25350	RICHARD KIRCHER
25353	STEVEN LEDERMANN
25383	ROGACIANO PINEDA
25423	SARA BARNETT
25441	JOE TORRES
25470	DAN MONTALVO
25566	ALFREDO VASQUEZ
25575	CAROL RAMBEY
25615	MICHAEL BACA
25785	GRACE TRUJILLO
25790	RODNEY MCPHERSON

**AVENUE 18      2013      (Cont'd)**

25816 JERONIMO GOMEZ  
25902 OCCUPANT UNKNOWN  
25948 PRUDENCIO PINZON  
25963 JOE VEGA  
25980 DAVID HUBBARD  
26803 BEATRICE LOPEZ  
          KRYSTAL ALMENDAREZ  
26855 ELIZABETH CERPA  
26856 DUSTIN DUVALL  
26897 ROBERT TORRES  
26898 OCCUPANT UNKNOWN  
26935 JOSE PEREZ  
26944 OCCUPANT UNKNOWN  
26971 MICHAEL MARMOLEJO

## ROAD 28 1/2

2013

6460 OCCUPANT UNKNOWN  
 6640 VANESSA ALTAMIRANO  
 7651 BILL KORETOFF  
 9310 MANPREET DHARNI  
 9511 JOSE CALDERON  
 9527 OCCUPANT UNKNOWN  
 9537 MARISELA JIMENEZ  
 9547 FERNANDO LUNA  
 9599 DAVID AGUILAR  
 MALINEE CHA  
 9671 ROBERT LABRUCHERIE  
 9684 BERNARD ZARASUA  
 9759 BENITA CONCEPCION  
 9771 CONFESOR LOPEZ  
 9808 LARRY HIRAHARA  
 9833 WILLIAM DESATOFF  
 10277 OCCUPANT UNKNOWN  
 10290 CHRISTINE ORENA  
 10300 JUAN CRUZ  
 TAWANA BLOUNT  
 10662 TONY SLENDERS  
 10842 MPT INC  
 13119 OCCUPANT UNKNOWN  
 13125 FARRELL MORRIS  
 13143 PERSIA ARVANCE  
 13144 TONY GARZA  
 13168 CATHERINE FERNANDEZ  
 13182 JOE MILLER  
 13210 JESUS AVINA  
 13250 LOUIS GONZALES  
 13268 EVA NASCIMENTO  
 13276 GERALD BOYCE  
 13294 EDWIN GLASS  
 13302 HERBERT SAUCEDO  
 13314 MIGUEL MORENO  
 13317 RAMON MORALES  
 13364 ASUNCION REYES  
 13371 HAROL LEA  
 13387 ANDRES VILLAGOMEZ  
 13410 OCCUPANT UNKNOWN  
 13418 MARYANN VELASCO  
 13421 STACEY PENCE  
 13428 DOLORES MEDLOCK  
 13429 SHAWN GLISSON  
 13439 OCCUPANT UNKNOWN  
 13456 GILBERT TRUJILLO  
 13461 VIDAL LUNA  
 13476 STEVEN COLLETT  
 13481 OCCUPANT UNKNOWN  
 13539 JOHN WATTS

## ROAD 28 1/2

2013

(Cont'd)

13555	JOE MALDONADO
13567	PATRICIA WILLIAMS
13572	ERICKA CHAVES
13598	ROBERT MEEKS
13642	ALFREDO RAMIREZ
13658	YESENIA SILVA
13660	ESPERANZA VILLA FRANCISCA LOPEZ-GILL
13673	SANTIAGO RUIZ
14123	OCCUPANT UNKNOWN
14293	ROSIEDELL WILLIAMS
14365	JOHN BADELLA
14393	JUAN NAVARRO
14580	FONSO GIL
14621	MICHAEL SOUTH WILLIAM DEES
14697	J CHAVEZ
14700	JERRY SALINAS
14718	OCCUPANT UNKNOWN
14725	ELIGIO RAMOS
14756	GERARDO CAMPOS
14789	DARRELL GRAHAM
14814	GARCIA MIGUEL
15182	DELFINA TORRES
15187	OCCUPANT UNKNOWN
15202	GARY TUNE
15287	AREA 51 SELF STORAGE
15308	MAXINE KING
15341	BALTIMORE AIRCOIL CO
15386	ANGELO RIVERA
15453	KINGS VALLEY INDUSTRIES INC
16336	VALDEZ CARMINA
16352	OCCUPANT UNKNOWN
16380	OCCUPANT UNKNOWN
16394	CARIDAD SALOMON
16424	SHAHZADA FAROOQ
16440	JAVIER ARAMBULA
16456	VASI TELEGIN
16470	VIBALDO ROJAS
16486	ISAAC RODRIGUEZ
16500	OCCUPANT UNKNOWN
16556	ADELAIDO HERNANDEZ
16630	DANIEL SALAZAR
16678	OCCUPANT UNKNOWN
16679	TERI KERNS
16708	OCCUPANT UNKNOWN
16724	OCCUPANT UNKNOWN
16738	DEBORAH MASON
16754	MARIA ARROYOS
16767	JOSE MERAZ

**ROAD 28 1/2****2013****(Cont'd)**

16808 CAROLINE PERKINS  
16824 DANIEL FRAGA  
16855 JIMMY TREVINO  
16867 LORENZO MENDOZA  
16868 JOSE THOMAS  
16886 GWENDOLYN MORGAN  
MARCUS ROBINSON  
16887 OCCUPANT UNKNOWN  
16898 ALFREDO FRIAS  
17629 LUCIA SOTO  
17697 SAMUEL KYLLO  
18775 ADAM PICKAR  
18777 OCCUPANT UNKNOWN  
18819 ROBERT CADENAZZI  
19247 OCCUPANT UNKNOWN  
19259 NICKOLAS KAZYNSKI  
19500 REDI CORP  
21227 BRETT CAMACHO  
21429 MARIA PEREZ  
21449 JOSE PUENTES  
21481 OCCUPANT UNKNOWN  
21537 LOIS HALL  
21593 STEVE ELKINS  
21717 BRIAN BITTER  
21779 JAY LODEN  
22257 MARTIN GONZALEZ  
22334 F ROSSINI

Target Street

Cross Street

Source

✓

-

Cole Information Services

**ROAD 28 AND A HALF**

**2013**

16754 MANDA GONZALES





-

**AVENUE 18 2008**

15260 OCCUPANT UNKNOWN  
 15339 OCCUPANT UNKNOWN  
 15432 MANUEL ROCHA  
 15562 OCCUPANT UNKNOWN  
 15788 DANIEL ROCHA  
 16417 CARMELA SALAZAR  
 16855 AGUSTIN ROCHA  
 16888 MIGUEL CONTRERAS  
 17109 STEVE LEMING  
 17312 OCCUPANT UNKNOWN  
 17366 LOURENCO ORCHARD  
 LUIS LOURENCO  
 17393 BALDIP SAHOTA  
 17770 BILL FISK  
 ELYN FISK  
 18166 CHRISTOPHER BARTLEY  
 18383 MIRANDA SHERMAN  
 18394 KENDALL JACKSON NURSERY  
 18491 MARIA GARCIA  
 18525 GARY BURNTHORNE  
 18577 GARY BURNTHORNE  
 18602 OCCUPANT UNKNOWN  
 18673 FRANCISCO HERNANDEZ  
 18688 SUKHDEEP SAMRAN  
 18697 OCCUPANT UNKNOWN  
 19184 DARRELL TURNER  
 19232 WALTER JENKINS  
 19249 AMRIK GILL  
 19565 GERALD JOHNSON  
 19620 C HENKE  
 19689 SATGUR SINGHKAHAL  
 19730 MARVIN GIDDINGS  
 19734 OCCUPANT UNKNOWN  
 19751 FARM TECH  
 KENNETH ROBBINS  
 19770 ROBERT CLAY  
 20214 JULIUS DENIZ  
 20249 RAJBIR KAUR  
 20308 OCCUPANT UNKNOWN  
 20407 MILTON DICKMAN  
 20409 VICTOR MENDOZA  
 20458 ALBERT AMICK  
 BARBARA CHADWELL  
 20592 BARBARA PERREIRA  
 20688 JOSE GARCIA  
 20814 PAULINE FAILLA  
 20866 HASMIK TCHAPARIAN  
 21179 FELIPE ORTEGA  
 21688 GILBERT URBANO  
 21691 BON NGUYEN

## AVENUE 18      2008      (Cont'd)

21881	SHANA STANLEY
22110	VINCENT LOPEZ
22115	OCCUPANT UNKNOWN
22321	FRANK DINIS
22325	OCCUPANT UNKNOWN
22481	RICHARD AYALA
22578	DELBERT DOYLE
22601	ELDON JAMES
22717	S DENNY
22721	CARL JANZEN
23111	OCCUPANT UNKNOWN
23177	MARIANA ALVARADO
23297	OCCUPANT UNKNOWN
23814	JOSE PEREZ
24180	CREATIVE CABINETS
24294	ARTS GRANITE & MARBLE CO WESTERN COMM TOWER INC
24368	RAMIRO CRUZ
24400	RAMIRO PEREZ
24432	VICTORIA FURIA
24464	PAUL CHAVIRA
24520	ONKAR JOSHI
24552	DARRELL FOWLER
24584	LOREN DENNEY
24618	JUAN BACA
24692	JESUS TORO
24724	LINDA ALEXANDER
24796	LACY ROBINSON POSITIVE PET TRAINING & SUPPLY
24860	OSCAR GIRON
24892	ELIZABETH HATHAWAY
25026	ROBERTO RAMIREZ
25027	FERNANDO FALCON THOMAS HAYES
25066	NORMAN ARTER
25133	SALVADOR CAMIRO
25199	PAUL RENNER
25233	PEDRO PRECIADO
25250	MICHAEL SPARKS
25268	BALTAZAR CISNEROS
25269	ELOY CARDOZO
25326	ROYCIE COPE
25353	WENDY MORGAN
25383	JULIA RODRIGUEZ
25423	SARA BARNETT
25441	JOE TORRES
25467	LOUIE CONTRERAS
25470	VENDETTA YENTER
25615	MICHAEL BACA
25785	GRACE TRUJILLO

**AVENUE 18      2008      (Cont'd)**

25790 NIKKEN  
RODNEY MCPHERSON  
25816 JERONIMO GOMEZ  
25859 MICKEY CANTRELL  
25902 VICENTE CERVANTES  
25948 MARIA DIAZ  
25963 JV MASONRY  
OCCUPANT UNKNOWN  
25980 COUNTRY HAIRLINE  
DAVID HUBBARD  
26803 BEATRICE LOPEZ  
26804 YARGEN DELEON  
26855 AGUSTIN ROCAH  
26856 RAUL URENA  
26897 ROBERT TORRES  
26898 RUDOLPH GUTIERREZ  
26935 OCCUPANT UNKNOWN  
R & R TRUCKING  
26936 OCCUPANT UNKNOWN  
26971 MICHAEL MARMOLEJO

## ROAD 28 1/2

2008

6359	OCCUPANT UNKNOWN
6460	OCCUPANT UNKNOWN
7651	BILL KORETOFF
	BILL KORETOFF
9310	HARJINDER GILL
9511	JOSE CALDERON
9527	OCCUPANT UNKNOWN
9537	BENJAMIN RICO
9547	FERNANDO LUNA
9599	ANTONIO AGUILAR
	MALINEE CHA
9644	OCCUPANT UNKNOWN
9671	OCCUPANT UNKNOWN
9684	OCCUPANT UNKNOWN
9759	OCCUPANT UNKNOWN
9771	MARIA CONCEPCION
9808	LARRY HIRAHARA
9833	OCCUPANT UNKNOWN
10129	J CRAIN
10277	JEFFREY SCHMALL
10290	ALMA CRUZ
10300	EDDIE BURSEY
	JUAN CRUZ
10662	LLOYD HEMMAN
10842	M P T LOGISTICS
	MPT INC
13125	FARRELL MORRIS
13143	JAMES GLENN
13144	EDWARD CAMPBELL
13182	LENORA LEE
13210	JESUS VAZQUEZ
13220	OCCUPANT UNKNOWN
13268	JOE NASCIMENTO
13276	GERALD BOYCE
13314	ALEJANDRO GALVEZ
13317	RAMON MORALES
13357	OCCUPANT UNKNOWN
13364	LAZARO CALDERON
13367	TOM RAGUS
13394	AR ABRAHIM
13409	TOMMY FARROW
13410	BONIFACIA SANTIAGO
13428	OCCUPANT UNKNOWN
13439	OCCUPANT UNKNOWN
13456	TOM TRUJILLO
	TRUJILLOS TIRE SERVICE
13461	VIDAL LUNA
13476	EAVY TRIPP
13481	SEREGIO MONTEON
13539	ADRIAN OCHOA

## ROAD 28 1/2

2008

(Cont'd)

13539 ANDREW WEST  
 XOCHILT ALVAREZ  
 13551 OCCUPANT UNKNOWN  
 13555 OCCUPANT UNKNOWN  
 13567 JOHN P WATTS BUSINESS ACCOUNT  
 WILMA WILLIAMS  
 13572 OCCUPANT UNKNOWN  
 13598 OCCUPANT UNKNOWN  
 13642 OCCUPANT UNKNOWN  
 13658 ANA MELGOSA  
 13673 SANTIAGO RUIZ  
 13686 FOGELIO FERNANDEZ  
 14123 STEPHEN DIAZ  
 14293 OCCUPANT UNKNOWN  
 14365 JOHN BADELLA  
 14393 CARMEN SANCHEZ  
 14580 JESUS GIL  
 RAMON DELTORO  
 14621 WILLIAM DEES  
 14697 OCCUPANT UNKNOWN  
 14715 SOLEDAD URBINA  
 14725 OCCUPANT UNKNOWN  
 14756 GERARDO MACIEL  
 14789 DARRELL GRAHAM  
 15182 DELFINA TORRES  
 15202 GARY TUNE  
 15205 ATENS APIARIES  
 CHOPPER BOATS INC  
 OLEGARIO ROMERO  
 15287 JEFFREY BURNS  
 15308 MAXINE KING  
 15341 BALTIMORE AIRCOIL CO  
 15386 ANGELO RIVERA  
 15453 KINGS VALLEY INDUSTRIES INC  
 15485 ED ELLIS  
 16333 ROSA MONTOYA  
 16352 OCCUPANT UNKNOWN  
 16380 OCCUPANT UNKNOWN  
 16394 FRANCIS SALOMON  
 16424 SHAHZADA FAROOQ  
 16456 VINCE GARCIA  
 16486 ISAAC RODRIGUEZ  
 16500 JUAN MEZA  
 16556 OCCUPANT UNKNOWN  
 16586 OCCUPANT UNKNOWN  
 16630 DANIEL SALAZAR  
 16678 OCCUPANT UNKNOWN  
 16679 JD & MC LLC  
 TERI KERNS  
 16694 OCCUPANT UNKNOWN

**ROAD 28 1/2****2008****(Cont'd)**

16708	MARIA MARES
16724	ELVIRA IBARRA
16738	DEBORAH MASON
16754	JOE ARROYOS
16767	LEONARDO ESTRADA
16808	DAVID BROWN
16824	VICTOR DURAN
16839	ARLIN HALL
16855	OCCUPANT UNKNOWN
16867	OCCUPANT UNKNOWN
16868	GRADY WILBURN
16886	LUIS MARAVILLA
16887	FELIPE MONTALVA
16898	OCCUPANT UNKNOWN
17629	OCCUPANT UNKNOWN
17697	JOE FLORIANO
18777	OCCUPANT UNKNOWN
18819	ADAM PICKAR
19247	CARL AMERLING
19259	JERROLD KAZYNSKI
19500	ANAYA TILE & STONE
	KEN MALIKOWSKI
21227	BRETT CAMACHO
21429	OCCUPANT UNKNOWN
21449	RUBY SYLVIA
21481	RIAN BOWMAN
21537	LOIS HALL
21593	OCCUPANT UNKNOWN
21717	BRIAN BITTER
21779	JAY LODEN
22257	MARTIN GONZALEZ
22334	OCCUPANT UNKNOWN
	ROSSINI FARMING CO INC

## AVENUE 18      2003

15339	EMRIK BASRA
15422	DANIEL ROCHA
15432	MANUEL ROCHA
15788	MANUEL ROCHA
16888	GUADALUPE CONTRERAS
17109	DONALD WALTZ
17366	LOURENCO ORCHARD
	LUIS LOURENCO
17393	KULWANT JOHL
17770	FISK BILL
	WILLIAM FISK
18383	SAMUEL SHERMAN
18491	HECTOR MURILLO
18577	JAVIER JAUREGUI
18602	LEO RAMIREZ
18673	FRANCISCO HERNANDEZ
	GREGORIO ARREAZOLA
18688	SUKHDEEP SAMRAN
19184	JESSICA JAMES
19232	EDMOND GUNTER
	WALTER JENKINS
19249	STEVEN TORRANO
19565	GERALD JOHNSON
19620	ELAINE CHICK
	JUDY BURTON
19686	VERNON SHUPE
19734	MARVIN GIDDINGS
19751	FARM TECH
	KENNETH ROBBINS
19770	ROBERT CLAY
20214	JULIUS DENIZ
20308	OCCUPANT UNKNOWN
20407	MAHSHID JAZAUYERI
20458	BARBARA CHADWELL
	TONY PERREIRA
	TONY PERRIERA
20592	KARRIE PETERS
20814	BERGE TCHAPARIAN
	PAULINE FAILLA
20866	BERGE TCHAPARIAN
21179	JUAN GONZALEZ
21196	GUSTAVO VILLA
21691	BRANDON KELLEY
21881	JARED WIBURN
	S WILBURN
22115	DONALD MERCER
22321	LUCELINDA DINIS
22481	RICHARD AYALA
22578	DELBERT DOYLE
	DOYLE D

## AVENUE 18      2003      (Cont'd)

22601	ELDON JAMES
22721	CALVIN CROOM
23111	MICHAEL DEAVER
23177	DARRELL GOEDEN
23297	RUFINO PASTOR
23431	PRODUCE EXPRESS TRANSPORTATION INC
23865	OCCUPANT UNKNOWN VALLEY GRAIN PRODUCTS
24180	CREATIVE CABINETS
24294	ARTS GRANITE & MARBLE CO CARL CARLSEN FOX GARY CO WESTERN COMM TOWER INC
24432	VICTORIA FURIA
24464	PAUL CHAVIRA
24552	DARRELL FOWLER
24584	LOREN DENNEY
24618	ANGELICA VALDEZ
24692	HAROLD CHOATE
24724	LINDA ALEXANDER
24796	ANDREA ROBINSON BARRY BONAS BARRY SHANNON
24828	MADERA TRENCHING
24892	ELIZABETH HATHAWAY
25026	ROBERT FLETCHER
25027	THOMAS HAYES
25199	PAUL RENNER
25234	MARVIN CUNNINGHAM
25250	MICHAEL SPARKS
25268	BALTAZAR CISNEROS WALTER PIERCE
25326	ROYCIE COPE
25353	EDWARD ZUNIGA
25383	JULIA RODRIGUEZ
25423	SARA BARNETT
25441	JOE TORRES
25467	LOUIE CONTRERAS
25470	DAN MONTALVO
25615	MICHAEL BACA
25785	ELMER TRUJILLO
25790	RODNEY MCPHERSON
25816	JERONIMO GOMEZ
25902	VICENTE CERVANTES
25948	JUANA PEREZ
25963	JOSE VEGA
25980	COUNTRY HAIRLINE DAVID HUBBARD
26803	BEATRICE LOPEZ
26855	CAROL GOLDING



**AVENUE 18      2003      (Cont'd)**

26856 RAUL URENA  
26897 ROBERT TORRES  
26898 RUDOLPH GUIERREZ  
26935 AMANDA ARRIOLA

## ROAD 28 1/2

2003

6350 JOSE MARTINEZ  
 6359 OCCUPANT UNKNOWN  
 6460 OCCUPANT UNKNOWN  
 6640 ELENAR PULIDO  
 7464 JOEL CUEVAS  
 7651 BILL KORETOFF  
 BILL KORETOFF  
 9310 GEORGE SAKATA  
 OCCUPANT UNKNOWN  
 9511 JOSE CALDERON  
 9527 OCCUPANT UNKNOWN  
 9537 SHEILA FOSTER  
 9547 LEIF FUNSTON  
 9599 MINERVA AGUILAR  
 9643 OCCUPANT UNKNOWN  
 9671 OCCUPANT UNKNOWN  
 9684 OCCUPANT UNKNOWN  
 9759 JARROD DEEVER  
 9771 JANE STAFFORD  
 9808 BARBARA HIRAHARA  
 9833 OCCUPANT UNKNOWN  
 10129 MIKE HOSKINS  
 10277 OCCUPANT UNKNOWN  
 10300 EDDIE BURSEY  
 EDDIE BURSEY  
 JUAN CRUZ  
 10662 LLOYD HEMMAN  
 LLOYD HEMMAN  
 13125 FARRELL MORRIS  
 13143 PERSIA ARVANCE  
 13144 TONY GARZA  
 13168 CATHERINE FERNANDEZ  
 13182 NORA BURNETT  
 13220 OCCUPANT UNKNOWN  
 13268 JENNIE GONZALES  
 13294 BESSIE GLASS  
 13314 MIGUEL MORENO  
 13317 RAYMOND MORALES  
 13347 MORRIS WATTS  
 13350 BERTHA VEGA  
 13357 OCCUPANT UNKNOWN  
 13367 THOMAS RAGUS  
 13387 BETTY RAMIREZ  
 13409 CYNDLE NEAL  
 13410 OCCUPANT UNKNOWN  
 13418 EVERETT GRIFFIN  
 13421 RICHARD ARMENTROUT  
 13428 GEORGE MEDLOCK  
 13439 OCCUPANT UNKNOWN  
 13443 SUE ROBINSON

## ROAD 28 1/2

2003

(Cont'd)

13456	TOM TRUJILLO
13476	BILLIE COLLETT
13481	SEREGIO MONTEON
13539	XOCHILT ALVAREZ
13555	OCCUPANT UNKNOWN
13567	JOHN P WATTS BUSINESS ACCT
	PATRICIA WILLIAMS
13572	FRANK MONTOYA
13598	OCCUPANT UNKNOWN
13642	MARTHA RUIZ
13673	ROBERTO ROBLES
13686	ROGELIO FERNANDEZ
14123	STEPHEN DIAZ
14365	JOHN BADELLA
14393	FEDERICO NAVARRO
14580	JESUS GIL
	RAMON DELTORO
14621	LEWIS SHANNON
14697	KAREN METCALF
14715	ELIGIO RAMOS
14756	GERARDO MACIEL
14789	OCCUPANT UNKNOWN
15182	DELFINA TORRES
15202	OCCUPANT UNKNOWN
15205	OCCUPANT UNKNOWN
15287	NOAH FARR
15308	GARY TUNE
15386	ANGELO RIVERA
15447	OCCUPANT UNKNOWN
15453	OCCUPANT UNKNOWN
15485	EDGAR ELLIS
16394	PEDRO SALOMON
16424	BENITA BUSTAMANTE
16440	CRISTOBAL GALVAN
16456	ABEL MARTINEZ
16470	JAMES WINKLER
16486	ISAAC RODRIGUEZ
16500	MARIO CHACON
16556	REGINALD AGUILAR
16586	JONATHON SMITH
16630	DANIEL SALAZAR
16679	TERI KERNS
16694	OCCUPANT UNKNOWN
16738	DEBORAH MASON
16767	JOSE MERAZ
16824	VICTOR DURAN
16839	OCCUPANT UNKNOWN
16855	JOSE TREVINO
16867	CLEMENTE GARCIA
16868	OCCUPANT UNKNOWN

**ROAD 28 1/2**

**2003**

**(Cont'd)**

16886 LUIS MARAVILLA  
16887 FELIPE MONTALVA  
17628 PACIFIC COAST FARMS  
17629 SANTIAGO SOTO  
17697 JOE FLORIANO  
18775 OCCUPANT UNKNOWN  
18777 ROBIN MELE  
18819 ROBERT CADENAZZI  
T BAR T RANCH  
18956 EARL KING  
19247 CARL AMERLING  
19259 JERROLD KAZYNSKI  
19500 KEN MALIKOWSKI  
UNITED GRAPHIX  
21227 BRETT CAMACHO  
21429 HOWARD DODSON  
21449 JOSE PUENTES  
21537 LOIS HALL  
21593 ERNEST JOHNSON  
21717 BRIAN BITTER  
21779 JAY LODEN  
22257 STACY SYLVESTER  
22334 JOSE VALDEZ  
ROSSINI FARMING CO

## AVENUE 18      1999

14358	S IEST
15260	RIGOBERTO GUZMAN
15562	OCCUPANT UNKNOWN
16388	OCCUPANT UNKNOWN
16498	OCCUPANT UNKNOWN
17366	LOURENCO ORCHARD
	OCCUPANT UNKNOWN
	ORCHARD LOURENCO
17770	OCCUPANT UNKNOWN
18311	OCCUPANT UNKNOWN
18383	MIRANDA SHERMAN
18491	MARIA GARCIA
18525	GARY BURNTHORNE
	OCCUPANT UNKNOWN
18557	OCCUPANT UNKNOWN
18577	GARY BURNTHORNE
18602	OCCUPANT UNKNOWN
18697	ADRIANA CHACON
19147	OCCUPANT UNKNOWN
19232	ERIC GUNTER
19249	AMRIK GILL
19358	MID VALLEY LABOR SERVICES INCORPORATED
19565	GERALD JOHNSON
19620	CHERLY PIPKIN
19730	LANA GIDDINGS
20214	JULIUS DENIZ
20308	BERGE TCHAPARIAN
20407	MILTON DICKMAN
20409	VICTOR MENDOZA
20592	JAMES CECIL
20688	ARMANDO ZAMORA
20797	OCCUPANT UNKNOWN
20814	BERGE TCHAPARIAN
	OCCUPANT UNKNOWN
20866	HASMIK TCHAPARIAN
21179	JUAN GONZALEZ
	OCCUPANT UNKNOWN
21196	OCCUPANT UNKNOWN
21688	GILBERT URBANO
21881	OCCUPANT UNKNOWN
22115	OCCUPANT UNKNOWN
22188	OCCUPANT UNKNOWN
22211	OCCUPANT UNKNOWN
22395	OCCUPANT UNKNOWN
22481	OCCUPANT UNKNOWN
	RICHARD AYALA
22496	OCCUPANT UNKNOWN
22550	OCCUPANT UNKNOWN
22578	DELBERT DOYLE
22601	JAMES FRANKE

## AVENUE 18      1999      (Cont'd)

22615	G & J TRUCK SALES
22632	OCCUPANT UNKNOWN
22704	A W COULTER TRUCKING
22717	PARK & VIEW
	PILOT TRAVEL CENTER
	SUBWAY SANDWICHES
22721	CARL JANZEN
23431	LEE TRI
23814	JOSE PEREZ
23865	VALLEY GRAIN PRODUCTS INCORPORATED
24180	CREATIVE CABINETS
	TALKINGTON AIR CONDITIONING
24294	WESTERN COMM TOWER INCORPORATED
	WESTERN IRRIGATION
24368	RAMIRO CRUZ
24464	PAUL CHAVIRA
24520	ONKAR JOSHI
24552	DARRELL FOWLER
24584	LOREN DENNEY
24618	ANGELICA VALDEZ
24692	JESUS TORO
24724	PAMELA MENGEL
24828	MADERA TRENCHING
24860	OSCAR GIRON
25026	ROBERTO RAMIREZ
25027	FERNANDO FALCON
25066	NORMAN ARTER
25106	ANTONIO CHAVEZ
25199	PAUL RENNER
25233	PEDRO PRECIADO
	RY TITTERINGTON
25250	MICHAEL SPARKS
25350	OCCUPANT UNKNOWN
25353	RASHELL PESTELL
25441	JOE TORRES
25470	VENDETTA YENTER
25566	MIGUEL VASQUEZ
25666	EAGLE ENTERPRISES
25759	OCCUPANT UNKNOWN
25785	GRACE TRUJILLO
25790	OCCUPANT UNKNOWN
25816	JERONIMO GOMEZ
	OCCUPANT UNKNOWN
25859	CHEM DRY OF MADERA
25948	MARIA DIAZ
	OCCUPANT UNKNOWN
25950	MADERA COUNTY OF FIRE
25963	JOE VEGA
25980	DAVID HUBBARD
26633	AARON MCCALLISTER

**AVENUE 18      1999      (Cont'd)**

26803 BEATRICE LOPEZ  
OCCUPANT UNKNOWN  
26856 RAUL URENA  
26897 ROBERT TORRES  
26898 RUDOLPH GUTIERREZ

## ROAD 28 1/2

1999

6359 PAULA RAMIREZ  
 7651 BILL KORETOFF  
 9537 NELSON FARIAS  
 9547 FERNANDO LUNA  
 9599 ANTONIO AGUILAR  
 MALINEE CHA  
 9671 ROBERT LABRUCHERIE  
 9684 BERNARD ZARASUA  
 9808 LARRY HIRAHARA  
 9833 WILLIAM DESATOFF  
 10129 J CRAIN  
 10277 JEFFREY SCHMALL  
 10300 JUAN CRUZ  
 10662 LLOYD HEMMAN  
 10842 FARRIOR FARMS  
 13143 JAMES GLENN  
 13210 JESUS VAZQUEZ  
 13268 EVA NASCIMENTO  
 13276 GERALD BOYCE  
 13347 JOHN WATTS  
 13357 SONCIAREY DAVIS  
 13367 TOM RAGUS  
 13387 ANDRES VILLAGOMEZ  
 13394 AR ABRAHIM  
 13409 P LACKEY  
 13410 MARIA RAMIREZ  
 13428 GEORGE MEDLOCK  
 13429 SILVIA LUNA  
 13456 GILBERT TRUJILLO  
 13461 E GARCIA  
 13476 VERNON TRIPP  
 13481 JAVIER HERNANDEZ  
 13539 XOCHILT ALVAREZ  
 13567 WILMA WILLIAMS  
 13598 FRED LYNES  
 13658 ANA MELGOSA  
 13673 SANTIAGO RUIZ  
 13686 FOGELIO FERNANDEZ  
 14123 STEPHEN DIAZ  
 14293 ODELL WILLIAMS  
 14365 OCCUPANT UNKNOWN  
 14393 JUAN NAVARRO  
 14580 JESUS GIL  
 RAMON DELTORO  
 14621 OCCUPANT UNKNOWN  
 WILLIAM DEES  
 14697 J CHAVEZ  
 14715 OCCUPANT UNKNOWN  
 SOLEDAD URBINA  
 14756 OCCUPANT UNKNOWN



## ROAD 28 1/2

1999

(Cont'd)

14789 DARRELL GRAHAM  
 OCCUPANT UNKNOWN  
 15182 DELFINA TORRES  
 15202 GARY TUNE  
 15205 OCCUPANT UNKNOWN  
 15287 OCCUPANT UNKNOWN  
 15308 MAXINE KING  
 OCCUPANT UNKNOWN  
 15341 BALTIMORE AIRCOIL COMPANY  
 15386 ANGELO RIVERA  
 15429 A-Z MANUFACTURING  
 15453 KINGS VALLEY INDUSTRIES INCORPORATED  
 15485 ED ELLIS  
 16424 OCCUPANT UNKNOWN  
 SHAHZADA FAROOQ  
 16440 LORENZO ENRIQUEZ  
 OCCUPANT UNKNOWN  
 16500 JUAN MEZA  
 16679 TERI KERNS  
 16694 OCCUPANT UNKNOWN  
 16724 SYLVIA DIMAS  
 16754 OFELIA AROYOS  
 16767 LEONARDO ESTRADA  
 16824 VICTOR DURAN  
 16867 LORENZO MENDOZA  
 16868 GRADY WILBURN  
 OCCUPANT UNKNOWN  
 16887 OCCUPANT UNKNOWN  
 17628 PACIFIC COAST FARMS  
 18775 TRACEY PICKAR  
 19247 CARL AMERLING  
 19259 JERROLD KAZYNSKI  
 19500 KEN MALIKOWSKI  
 ZIPP MOBILE LUBE & OIL SERVICES  
 21429 MARIA PEREZ  
 21449 JOSE PUENTES  
 21593 OCCUPANT UNKNOWN  
 21717 BRIAN BITTER  
 21779 JAY LODEN  
 22257 MARTIN GONZALEZ  
 22334 J GIL

## AVENUE 18      1995

15432	RAYNER, ERWIN K
15788	ROCHA, MANUEL T
16417	COX, BRIAN
16888	SCHLICHTING, TOM
17312	ALLEN, VESSIE JR
17393	ALLEN, JERRY
17606	LOURENCO, LUIS F
17770	FISK, WILLIAM
18186	MISSILDINE, ROBERT
18577	GRIMM, DONALD L
	GRIMMS TELEVISION & VIDEO SVC
18602	EDELBACHER, CHRIS
18673	RAMIREZ, LEO
18697	RAMIREZ, LEO
19110	SMITH, STEVE R
19184	CONNOLLY, ROBERT D
19232	HARWOOD, DEBBE P
	JENKINS, GENE
19565	JOHNSON, GERALD
19620	YAH, JIA
19730	GIDDINGS, MARVIN W
19734	GIDDINGS, MATHEW
19751	ROBBINS, KENNETH W JR
19881	BUNCH, M E
20458	PATTERSON, WILLIAM R
20592	DUNNING, T S
20688	OCCUPANT UNKNOWNN
20814	FAILLA, VINCENT J
21688	CLINGHAN, DEBBIE
21786	MENDEZ, LEWIS M
22481	AYALA, L
22497	HEDGES, SHERRY
22502	OCCUPANT UNKNOWNN
22550	OCCUPANT UNKNOWNN
22564	DOYLE, DELBERT T
22570	AICO MADERA LTD
22578	DOYLE, D T
22632	OCCUPANT UNKNOWNN
22721	CROOM, CALVIN W
23177	GOEDEN, DARRELL
24180	CREATIVE CABINETS
	TALKINGTON AIR CONDITIONING
24281	ROBERT PAUL FARMS
24464	CHAVIRA, PAUL R
24618	KENNEDY, TRACY
24810	BREDBERG, J J
24828	MADERA TRENCHING
24876	MELLETTE, FRANCIS M
25027	HAYES, THOMAS F
25028	MELENDEZ, MARIO

**AVENUE 18 1995 (Cont'd)**

25068 PIERCE, BILLY B  
25326 COPE, L H  
25470 POTTER, ROBERT  
25549 SOTELO, STEPHEN  
25595 OCCUPANT UNKNOWNN  
25615 BACA, MICHAEL  
25629 SALAZAR, RITA  
25759 OCCUPANT UNKNOWNN  
25785 TRUJILLO, ELMER  
25840 LUNDY, RICHARD  
25902 OCCUPANT UNKNOWNN  
25980 HUBBARD, DAVID  
26971 POSITIVE PURPOSE PRODUCTIONS

## ROAD 28 1/2

1995

6477 GONZALEZ, ARTURO  
 7651 KORETOFF, BILL  
 10842 FARRIOR FARMS  
 13125 MORRIS, FARRELL  
 13143 GLENN, JAMES  
       HACHAER, JEAN  
 13144 GARZA, TONY  
 13168 OCCUPANT UNKNOWNN  
 13182 EVANS, DEVERDA  
 13220 OCCUPANT UNKNOWNN  
 13276 BOYCE, BEDA  
 13294 GLASS, BESSIE  
 13302 SAUCEDO, HERBERT  
 13314 MORENO, MIGUEL  
 13317 OCCUPANT UNKNOWNN  
 13334 OCCUPANT UNKNOWNN  
 13347 WATTS, MORRIS J  
 13350 BLASINGAME, WAYNE G  
 13364 OCCUPANT UNKNOWNN  
 13371 MODER, ALIAF  
 13372 OCCUPANT UNKNOWNN  
 13387 OCCUPANT UNKNOWNN  
 13394 OCCUPANT UNKNOWNN  
 13398 OCCUPANT UNKNOWNN  
 13409 OCCUPANT UNKNOWNN  
 13410 JACKSON, LORA  
 13418 GRIFFIN, EVERETT  
 13421 ARMENTROUT, BILL  
 13428 OCCUPANT UNKNOWNN  
 13429 KIMBELL, R  
 13443 LAWSON, JAMES W  
 13456 OCCUPANT UNKNOWNN  
 13476 COLLETT, BILLIE D  
 13481 GRIFFIN, C D  
 13539 WEST, LEON  
 13555 OCCUPANT UNKNOWNN  
 13598 LYNES, FRED  
 13642 JOHNSON, WALTER W  
 13658 FREEMAN, KELLY  
 13673 BAUTISTA, MARC  
 13686 OCCUPANT UNKNOWNN  
 14365 BADELLA, JOHN  
 14621 DEES, BILL  
 14697 OCCUPANT UNKNOWNN  
 14715 RAMOS, ELIGIO  
 14789 GRAHAM, DARRELL  
 15182 TORRES, GEORGE  
 15202 TUNE, GARY  
 15205 ATEN, DANIEL A  
 15308 EVANS, TED R

**ROAD 28 1/2**

**1995**

**(Cont'd)**

15341 BALTIMORE AIRCOIL CO  
15386 OCCUPANT UNKNOWNN  
15429 OCCUPANT UNKNOWNN  
15453 KINGS VALLEY INDUSTRIES INC  
STOCKADE USA  
15485 ELLIS, ED  
16456 OCCUPANT UNKNOWNN  
16839 HALL, ARLIN W  
16867 TREVINO, JOSE  
16886 HERNANDEZ, ROBERT  
16887 OCCUPANT UNKNOWNN  
17629 DEBENEDETTO, RICHARD  
PALACIOS, A  
18819 CADENAZZI, STANLEY  
HANSHEW, DAVE  
21429 DODSON, HOWARD S  
21537 HALL, J  
21779 LODEN, JAY  
22334 JUAREZ, LUIS M

**AVENUE 18 1992**

15432 RAYNER, ERWIN K  
15788 ROCHA, MANUEL T  
16888 SCHLICHTING, TOM  
17393 ELLIS, JIM  
17606 LOURENCO, LUIS F  
17770 FISK, WILLIAM  
18602 EDELBACHER, CHRIS  
19110 SMITH, STEVE R  
19184 CONNOLLY, ROBERT D  
19232 JENKINS, GENE  
19565 JOHNSON, GERALD  
19730 GIDDINGS, MARVIN W  
19751 ROBBINS, KENNETH W JR  
19881 BUNCH, M E  
20458 PATTERSON, WILLIAM R  
20592 DUNNING, T S  
20814 FAILLA, VINCENT J  
22115 MERCER, DON  
22481 TOMATIS, A  
22721 CROOM, CALVIN W  
23177 GOEDEN, DARRELL  
25026 FLETCHER, ROBERT  
25326 COPE, L H  
25441 WHITE, JEAN M  
25470 POTTER, ROBERT  
25549 SOTELO, STEPHEN  
25615 BACA, MICHAEL  
25655 BIBB, ROBERT  
25785 TRUJILLO, ELMER  
25816 AREOLA, G V  
25980 HUBBARD, DAVID  
1818618 MISSILDINE, ROBERT  
1867318 RAMIREZ, LEO  
1923218 HARWOOD, DEBBE P

**ROAD 28 1 2****1992**

6477	GONZALEZ, ARTURO
7651	KORETOFF, BILL
9310	SAKATA, GEORGE
9511	ARRANT, VALLACE W
9547	BARTHOLOMAE, L A
9599	AGUILAR, LETICIA
9684	ZARASUA, BERNARD
9808	HIRAHARA, S
9833	DESATOFF, NICK
10290	KLAIR, J
10300	BURSEY, EDDIE
13220	WHITE, RALPH
13276	BOYCE, BEDA
13294	GLASS, BESSIE
13302	SAUCEDO, HERBERT
13347	WATTS, MORRIS J
13350	BLASINGAME, WAYNE G
13364	YOAKUM, JOANN
13371	MODER, ALIAF
13372	BIXLER, NETTIE
13394	JORDAN, FRANK
13409	NEAL, CHARLES E
13410	JACKSON, LORA
13418	GRIFFIN, EVERETT
13421	ARMENTROUT, BILL
13429	KIMBELL, R
13443	LAWSON, JAMES W
13476	COLLETT, BILLIE D
13481	GRIFFIN, C D
13539	WEST, LEON
13598	LYNES, FRED
13642	JOHNSON, WALTER W
13673	BAUTISTA, MARC
13692	REYES, SILVIA
14365	BADELLA, JOHN
14621	DEES, BILL
	HUNTLEYS SID TRANS
14697	PHILP, ALBERT E
14715	RAMOS, ELIGIO
14789	GRAHAM, DARRELL
16500	MESA, TERESA
16839	COWIN, DORA E
16867	TREVINO, JOSE
16886	HERNANDEZ, ROBERT
16887	RODRIGUEZ, M

**ROAD 28 1/2**

**1992**

10842 FARRIOR FARMS  
13125 MORRIS, FARRELL  
13143 GLENN, JAMES  
13144 GARZA, TONY  
13182 EVANS, D  
15182 TORRES, GEORGE  
15202 TUNE, GARY  
15205 ATEN, DANIEL A  
15308 EVANS, TED R  
15341 BALTIMORE AIRCOIL  
15386 MARTIN, EARL  
15447 CUDD CONSTRUCTION  
15453 KINGS VLY IND INC  
STOCKADE USA  
15485 ELLIS, ED  
17629 DEBENEDETTO, RICHARD  
REYES, FELIPE  
18819 CADENAZZI, STANLEY  
HANSHEW, DAVE  
21429 DODSON, HOWARD S  
21537 HALL, J  
21779 LODEN, JAY  
22334 JUAREZ, LUIS M  
ROSSINI FARMING CO