Appendix F:
Phase I and Phase II Environmental Site Assessments

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F.1 - Phase I Environmental Site Assessment

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Mr. Thomas Grabiel
OXBOW Partners
2392 Morse Ave
Irvine, CA 92614

November 30, 2015
Project No. 1-4002-A

Subject: **PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT**
Mountain View Country Club
2121 Mountain View Drive
Riverside County, California

Dear Mr. Grabiel:

G3SoilWorks (G3) is pleased to submit the attached report that describes and presents the activities and the results of a Phase I Environmental Site Assessment (ESA) that was completed for the above referenced property. Based on the findings and results of this Phase I ESA, the following actions are recommended:

- Remove the septic tanks and appropriately backfill the resulting excavations;
- Complete a limited Phase II Environmental Site Assessment to evaluate potential impacts of the diesel and gasoline Aboveground Storage Tanks (ASTs) in Area D;
- Clear brush and debris filled depressions and drainage courses;
- Remove rubble and construction materials and remnant concrete cart paths from the Site and adjacent areas; and
- Locate and remove all transite pipe from the fairways in, around and adjacent to areas for proposed development.

Based on the current location of ponds, ephemeral stream or drainage channels, and existing and potential riparian habitat, G3 also recommends a Phase II Site Watershed, Habitat Restoration, and Management Assessment. G3's recommendation is to address surface hydrology, erosion and watershed issues, habitat enhancement, maintenance, and to include evaluations of:

- Design and use of bioswale and bioretention systems;
- Stormwater control using infiltration and groundwater recharge basins;
- Water quality improvements and biofiltration to reduce sediment transport loads; and
- Restoration, enhancement and maintenance of high quality riparian habitat in the immediate vicinity of existing stream channels and multispecies habitat at other locations throughout the Site.

Details and additional information on the above recommendations are presented in the body of this report.

We appreciate the opportunity to be of service to you. If you should have any questions or comments regarding this report, please contact Stanley White at (714) 668-5600.

Respectfully submitted,

G3SoilWorks, Inc.

By: _____
Doug Stout
Staff Geologist

By: _____
Stanley G. White, P.G.
Director of Environmental Services

DS:SW:AW

Distribution: 1 – Addressee (Email)

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1.0 Introduction

1.1 Purpose and Scope of Work

This report presents the results of G3Soilwork's (G3) Phase I Environmental Site Assessment (ESA) prepared for JNI LLC. Mountain View Country Club, 2121 Mountain View Drive (Site) is a total of approximately 105 acres; 80 acres are located in the County of Riverside and 25 acres are in the City of Corona. A total of 52 acres in four areas of the golf course are proposed for development. The remaining areas are to be developed as open space. This report was completed to identify, to the extent feasible, Recognized Environmental Conditions (REC) in connection with the subject Site. The work was completed by environmental professionals and was performed in accordance with our proposal dated October 16, 2015. Our work consisted of the following and was completed in general accordance with the scope of limitations of the American Society of Testing and Materials (ASTM) Practice E 1527-13:

- Review geologic and hydrologic information for the Site and vicinity;
- Conduct a visual site reconnaissance to determine any potential environmental hazards are on the Site;
- Interview knowledgeable persons regarding the Site for past and present uses, and related pertinent information;
- Review available file information the owners may have regarding RECs associated with the Site;
- Review historical aerial photographs and maps, as available, of the Site and vicinity;
- Review Federal, State, and local databases (i.e., Environmental Record Search (ERS) all-appropriate-inquiry) for the Site and vicinity to identify RECs associated with the Site and adjacent properties; and
- Prepare a report including figures, findings, conclusions and recommendations regarding the identified RECs.

1.2 Non-Scope Considerations

There are a number of non-scope issues which are sometimes assessed concurrently with a Phase I ESA. Unless specifically agreed in the contract proposal documents, these non-scope considerations are not included as part of the Phase I assessment. Examples of non-scope issues include:

- Asbestos containing building materials or piping;
- Lead-based paint;
- Wetlands;
- Health and Safety;
- Regulatory Compliance;
- Endangered Species; and
- Chain of Title Review.

One non-scope issue, the presence of asbestos containing transite water conveyance pipe was addressed in this report. The transite pipe was identified during the interview with a maintenance worker and is presented in Sections 5 and 6.

1.3 Significant Assumptions

There were no significant assumptions made for this assessment.

1.4 Limitations and Exceptions

The following regulatory agencies were unable to process file requests based on site address. Therefore, no file review could be conducted.

- City of Corona, City Clerk, Office of Records and Information

1.5 Reliance

This report is for the sole benefit and exclusive use of OXBOW Partners. The Scope of Work was presented in our proposal in accordance with generally accepted environmental practices. No other warranty, either express or implied, is made. This report should not be regarded as a guarantee that no further contamination beyond that which could be detected within the scope of this assessment is present at the Site.

G3 makes no warranties or guarantees as to the completeness or accuracy of information provided by others. Changes in conditions after the Site visit, or additional information which was not found or available at the time of this report may result in a modification of the conclusions and recommendations in this report. Any reliance on this report by Third Parties shall be at the Third Party's sole risk.

2.0 Site Description

2.1 Current Uses of the Site

The Site is currently an undeveloped vacant property. The Site was occupied by a golf course as late as 2009. However, the fairways and putting greens were disked and since have been minimally maintained. The abandoned clubhouse burned and the building was subsequently demolished leaving only the concrete pad. The corrugated storage shed used for golf cart storage and maintenance still exists next to the club house pad. Residential structures border most of the Site with only a small northern portion of the Site being bordered by commercial properties.

2.2 Location and Description

The Site is a total of approximately 105 acres, 80 acres are located in the County of Riverside and 25 acres are in the City of Corona. A total of 52 acres in four areas of the golf course are proposed for development. The 52 acres have been divided into four areas, A, B, C, and D. Area A is located east of the intersection of Applegate Dr. and Kirwood Dr. Area B is located SW of the intersection of Serfas Club Dr. and CA 91 off-ramp. Area C is located west of the intersection of Via Del Rio and Kirwood Dr. Area D, the location of the former clubhouse, is located at 2121 Mountain View Dr. in the County of Riverside, California. A Site Location Map and a Site Map are presented as Figure 1 and 2 respectively.

2.3 Current Uses of Adjoining Properties

Based on our research and observations during our site visit, the Site is primarily bordered by multi-family residential structures. The areas D, C, and A are bordered on all sides by residential structures. Area B is bordered by a gas station, restaurants and a motel to the northeast, the CA 91 Freeway to the north, residential property to the west, and Serfas Club Drive to the southeast. Additional details are presented in Table 1 below.

TABLE 1
LAND USE / DEVELOPMENT OF ADJOINING PROPERTIES

DIRECTION	CURRENT LAND USE / DEVELOPMENT
North	Developed land occupied by multi-family residential structures, paved roadways, gutters and curbs. This generally describes the land use in the vicinity of areas A, C, and D. Area B is bordered by light commercial structures and the CA 91 freeway.
Northwest	Developed land occupied by multi-family residential structures, paved roadways, gutters and curbs. This description applies to proposed development areas A, D, and most of the site as a whole. Northwest adjacent to area B is a gas station and other light commercial property. Northwest adjacent to Area C is a pond.
West	Developed land occupied by multi-family residential structures, paved roadways, gutters and curbs. This description applies to the site as a whole and to proposed development areas A, B, C, and D.
Southwest	Developed land occupied by multi-family residential structures, paved roadways, gutters and curbs. This description applies to the site as a whole and to proposed development areas A, B, C, and D.
South	Developed land occupied by multi-family residential structures, paved roadways, gutters and curbs. This description applies to the site as a whole and to proposed development areas A, B, C, and D.
Southeast	Developed land occupied by multi-family residential structures, paved roadways, gutters and curbs. This description applies to the site as a whole and to proposed development areas A, B, C, and D.
East	Developed land occupied by multi-family residential structures, paved roadways, gutters and curbs. This description applies to the site as a whole and to proposed development areas A, B, C, and D.
Northeast	Developed land occupied by multi-family residential structures, paved roadways, gutters and curbs. This description applies to the site as a whole and to proposed development areas A, B, C, and D.

2.4 General Vicinity Description

The general vicinity of the Site is characterized by residential property with some light commercial business properties. The Site is located south of the CA 91 Freeway and exists in both the City of Corona and the County of Riverside. This area is just east of Santa Ana River Canyon, which separates the Chino Hills and the Santa Ana Mountains. The Site is primarily former golf course land bounded primarily by residential communities. A small portion of the site is bound by light commercial property and the CA 91 Freeway.

3.0 User/Owner Provided Information

3.1 Requested Documents and Information

The ASTM E1527-13 specifies that the Site Owner, key Site Manager, and the Site User (owner or tenant) provide any helpful documents that may be available. As of the date of this report no documents were available.

4.0 Records Review

4.1 Physical Setting

4.1.1 Geography

The Site is located approximately 640 feet above mean sea level (MSL) and generally slopes upwards towards the south. The Site is situated east of Santa Ana River Canyon, which separates the Chino Hills and the Peninsular Ranges. This places the Site, approximately, in the west portion of the City of Corona and Northwest portion of the County of Riverside. A regional topographic map is included in Figure 1.

4.1.2 Geology

The Site is located in an alluvial fan east of the Santa Ana River Canyon, a canyon separating the northern Santa Ana Mountains from the Chino Hills. The canyon is the result of erosion forces of the Santa Ana River. The Santa Ana Mountains and Chino Hills are part of the Peninsular Range Geomorphic Province. This province is northwest-southeast trending and comprised of mountain ranges and sediment-filled basins located in southwestern California.

The Santa Ana Mountains were believed to be uplifted by a partial termination of the Elsinore Fault into a leftward bend. The Elsinore Fault is a strike-slip fault where the fault blocks are sliding past each other with one block heading generally southeast and one block heading generally northwest. However, The Elsinore Fault blocks in the region of the leftward bend are generally east-west in orientation. The local east-west orientation combined with the southwest-northeast movement is believed to create compressional stresses in the region around the Elsinore Fault bend.

Extensive folding in the Santa Ana Mountains and Chinos Hills, as well as the direction of their folds, does not correlate to local strike slip movement or the general movement of the Elsinore Fault. Instead the orientation of bedding in the northern regions suggests compression, supporting the theory fault termination and compression are causing and continuing to cause uplift.

The alluvial fan the site is situated on is comprised of older, elevated, dissected alluvial gravel, sand, and silt. The sediments of the fan were likely transported from the Santa Ana Mountains with some contribution from the Santa Ana River. The uppermost portion of the alluvial fan has been modified to artificial fill.

4.1.3 Groundwater

Groundwater generally occurs at the Site in the Temescal Subbasin, the Department of Water Resources (DWR) defined subbasin of the Upper Santa Ana Valley Groundwater Basin. The subbasin is located in the western portion of the City of Corona, northeast of the Santa Ana Mountains. The Temescal Subbasin encompasses an area of approximately 26 square miles bound by the Santa Ana River, La Sierra Hills, El Sobrante Hills, and the Santa Ana Mountains.

The groundwater in the subbasin is generally unconfined. Groundwater in the subbasin flows generally towards the center of the basin. Recharge to the subbasin is predominantly from percolation of valley precipitation and infiltration of stream flow within tributaries exiting the Santa Ana Mountains. The storage capacity and storage of the basin are currently unknown.

The Temescal Subbasin water quality does not typically meet required standards for nitrate contaminates levels. The maximum contaminant level for nitrate in drinking water is 45mg/L, which the Temescal subbasin groundwater has surpassed with levels as high as 110mg/L. Specific yield varies from 6 percent to 14 percent. Inorganics and radiologicals are the only other contaminants sampled above MCL in the region, both of which were sampled infrequently.

4.2 Historical Records Review

4.2.1 Aerial Photograph and Map Review

Available historical aerial and satellite photographs were reviewed from ERS, and Google Earth (© Google, Inc.). The results of the reviews are summarized in Table 2, and copies of the ERS, aerial photographs are presented in Appendix A.

Available topographic maps from ERS were reviewed. The results of the review are also summarized in Table 2 and copies of the topographic maps are also presented in Appendix A.

TABLE 2

HISTORICAL AERIAL AND SATELLITE PHOTOGRAPH AND TOPOGRAPHIC MAP REVIEW SUMMARY

DATE	REFERENCE	OBSERVATIONS
1948[1]	Aerial Photographs	Site Area D and adjacent properties appear to be undeveloped natural land. Two stream channels flow around the Site. Site Areas B, C, and A do not appear in this photo.
1966[1]	Aerial Photographs	Site Area D and adjacent properties appear to be graded pads ready for residential construction. Streets, curbs, and gutters have been built to the Site and adjacent structures. Golf course fairways appear to have been built to the north and south of the site. Site Areas B, C, and A do not appear in this photo.
1967[1]	Aerial Photographs	Site Area D appears to be a golf course club house. The adjacent properties consist of multi-family residential structures and golf course fairways. Streets, curb, and gutter have been built to Site Area D and adjacent multi-family residential structures. Site Areas B, C, and A do not appear in this photo.
1975[1]	Aerial Photographs	Site Area D appears to be a golf course club house. Site Areas C and B appear to be golf course fairways. The adjacent properties to Site Areas D, C, and B consist of multi-family residential structures and golf course fairways. Streets, curb, and gutter have been built to Site Area D and adjacent multi-family residential structures. The CA-91 appears in this photo to the north of Site Areas D, C, and B. Site Area A does not appear in this photo.

DATE	REFERENCE	OBSERVATIONS
1980[1]	Aerial Photographs	Site Area D appears to be a golf course club house. The adjacent properties consist of multi-family residential structures and golf course fairways. Streets, curb, and gutter have been built to Site Area D and adjacent multi-family residential structures. Site Areas B, C, and A do not appear in this photo.
1994[1]	Aerial Photographs	Site Area D appears to be a golf course club house. The adjacent properties consist of multi-family residential structures and golf course fairways. Streets, curb, and gutter have been built to Site Area D and adjacent multi-family residential structures. Site Areas B, C, and A do not appear in this photo.
1994[2]	Satellite Photographs	Site Area D appears to be a golf course club house. Site Areas C, B, and A appear to be golf course fairways. The properties adjacent to Site Areas D, C, B, and A consist of multi-family residential structures and golf course fairways. Streets, curb, and gutter have been built to Site Area D and adjacent multi-family residential structures. The CA-91 appears in this photo to the north of Site Areas, A, B, C, and D.
2003[2]	Satellite Photographs	Site Area D appears to be a golf course club house. Site Areas C, B, and A appear to be golf course fairways. The adjacent properties to Site Areas D, C, and A consist of multi-family residential structures and golf course fairways. Site Area B is adjacent to multi-family residential and commercial structures and golf course fairways. Streets, curb, and gutter have been built to Site Area D and adjacent multi-family residential structures. Site Area A does not appear in this photo. The CA-91 appears in this photo to the north of Site Areas, A, B, C, and D.

DATE	REFERENCE	OBSERVATIONS
2005[1]	Aerial Photographs	Site Area D appears to be a golf course club house. The adjacent properties consist of multi-family residential structures and golf course fairways. Streets, curb, and gutter have been built to Site Area D and adjacent multi-family residential structures. Site Areas B, C, and A do not appear in this photo.
2015[1]	Aerial Photographs	Site Area D appears to be a golf course club house. The adjacent properties consist of multi-family residential structures and golf course fairways. Streets, curb, and gutter have been built to Site Area D and adjacent multi-family residential structures. Site Areas B, C, and A do not appear in this photo.
2014[2]	Satellite Photographs	Site Area D appears to be a golf course club house. Site Areas C, B, and A appear to be golf course fairways. The adjacent properties to Site Areas D, C, and A consist of multi-family residential structures and golf course fairways. Site Area B is adjacent to multi-family residential and commercial structures and golf course fairways. Streets, curb, and gutter have been built to Site Area D and adjacent multi-family residential structures. Site Area A does not appear in this photo. The CA-91 appears in this photo to the north of Site Areas, A, B, C, and D.
1954[1]	Topographic Map: Corona North Quadrangle	The Site Area D, B, and their vicinity appear to be natural undeveloped land. A river course runs south adjacent of Site Areas D and B. Three roads are noted but not named. Site Areas C and A do not appear in this topographic map.
1967[1]	Topographic Map: Corona North Quadrangle	The Site Area D, B, and their vicinity appear to be developed land with some small ponds. A river course runs south adjacent of Site Areas D and B. Roads are noted but not named. Site Areas C and A do not appear in this topographic map

DATE	REFERENCE	OBSERVATIONS
1973[1]	Topographic Map: Corona North Quadrangle	The Site Area D, B, and their vicinity appear to be developed land with some small ponds. The river course south adjacent of Site Areas D and B no longer appears. Roads are noted but not named. Site Areas C and A do not appear in this topographic map
1981[1]	Topographic Map: Corona North Quadrangle	The Site Area D, B, and their vicinity appear to be developed land with some small ponds. Roads are noted but not named. Site Areas C and A do not appear in this topographic map
2012[1]	Topographic Map: Corona North Quadrangle	The Site Area D, B, and their vicinity appear to be developed land with some small ponds. Roads are noted and some named. Site Areas C and A do not appear in this topographic map
2015[1]	Topographic Map: Corona North Quadrangle	The Site Area D, B, and their vicinity appear to be developed land. Roads are noted and named. Site Areas C and A do not appear in this topographic map

1 ERS, 2 Google, Inc.

4.2.2 City Directory Review

Available city directories from ERS were reviewed. The directories are also presented in Appendix B.

- 2125 Mountain View Dr., Corona, CA 92882 is a residential property.
- 2143 Mountain View Dr., Corona, CA 92882 is a residential property.
- 2189 Mountain View Dr., Corona, CA 92882 is a residential property.
- 2233 Mountain View Dr., Corona, CA 92882 is a residential property.
- 1182 Oakland Way, Corona, CA 92882 is a residential property.
- 1188 Oakland Way, Corona, CA 92882 is a residential property.
- 1191 Oakland Way, Corona, CA 92882 is a residential property.

4.2.3 Zoning Land Use Records

Based on the Riverside County West Map My City web application, the Site Areas D & B is zoned R-1 for single-family residence.

4.3 Environmental Record Search

An ERS report of standard environmental record sources was prepared specifically for the Site. The Site was listed as a closed Leaking Underground Storage Tank (LUST) case in the ERS. The search included queries to multiple databases for cases within the specified search distance of the Site. For a radius map showing the locations of database listed properties adjacent to the Site and a complete list of all the databases searched, refer to the ERS RecCheck Report in Appendix C.

4.3.1 Adjacent Properties Agency Records

The following adjacent properties, located less than 1 mile from the Site were identified in the ERS report.

- Song's Arco is located at 800 Serfas Club Dr., Corona, CA 92882 (Map ID 2) is listed on the LUST database.
  The potential for environmental impact to the Site from the Song's Arco appears low due to the following: LUST Case Was Closed by California Regional Water Quality Control Board Santa Ana Region on August 8, 2007.

- Mobil #18 is located at 616 Paseo Grande Rd, Corona, CA (Map ID 4) is listed on the LUST database.
  The potential for environmental impact to the Site from the Mobil #18-FLM is low due to the following: The LUST has been identified case closed on July, 2013 and is at a lower elevation.

4.3.2 Local and Regional Water Agency Records

On November 12, 2015, information was requested from DWR regarding wells on or near the Site and specific site areas. Michael Van Raalte indicated a 4 to 6 week time period to process the request for a well completion report record search for our site search area. The request is currently processing; if information from this report indicates environmental hazards G3 will issue a memorandum under separate cover.
.

4.4 Additional Environmental Record Sources

4.4.1 South Coast Air Quality Management District

On October 30, 2015, information was queried from South Coast Air Quality Management (SCAQMD) Records department internet database regarding the Site. The internet search returned no records based on for the Site based on parcel numbers, tract number, lot numbers, or latitude and longitude.

4.4.2 City of Corona, City Clerk, Office of Records and Information

On October 30, 2015, information was requested from the City of Corona County Clerks office via email. Anette Cano-Soza informed us the Site address is not within the city limits. The Site address is located in the Riverside County jurisdiction.

4.4.3 State of California Regional Water Quality Control Board GeoTracker Database Website GeoTracker

On October 29, 2015, the State of California Regional Water Quality Control Board (RWQCB) GeoTracker database was queried for potential environmental hazards. The search listed the Site and the following LUST facilities. The Site does not represent an environmental hazard to the surrounding residential properties due to its current case closed status. The facilities listed below do not represent an environmental hazard to the Site also due to their current case closed status.

- Song's Arco Station (T0606500159) is located at 800 SERFAS CLUB DRIVE CORONA, CA 91720, which is northwest adjacent of the Site. The case for LUST remediation was completed 8/9/ 2007.
- Certified Grocers (T0606500279) is located at 1990 Pomona Rd Corona, CA 91270, approximately 0.5 miles northeast of the Site. The case for LUST remediation was completed 12/2/1998
- US Rentals (T0606500045) is located at 525S Maple St, Corona, CA, 91270, approximately 0.5 miles northeast of the Site. The case for LUST remediation was completed 10/17/1994.
- Mobil #18-FLM (T060650003) is located at 616 Paseo Grande, Corona, CA, 91270, approximately 0.5 miles northeast of the Site. The case for LUST remediation was completed 7/11/2013.
- Thrifty Oil #335/ Arco #9705 (T0606500526) is located at 1735 W Sixth St, Corona, Ca. The case for LUST remediation was completed 10/14/1999.

4.4.4 State of California Department of Toxic Substances Control Envirostor Database Website (Envirostor)

The Envirostor database did not identify any additional potential soil or groundwater contaminant source sites not included in the ERS report.

5.0 Site Reconnaissance

5.1 Methodology

On Thursday, November 19, 2015, two representatives from G3 visited the Site to evaluate the environmental conditions at the Site. The Site is a former golf course and is divided into four areas for development (Area A – D) are shown on Figure 2. The Site reconnaissance consisted of driving to each of the areas and walking the areas proposed development and the former golf course fairways. During the reconnaissance, G3 personnel were escorted by Carlos Briseno, the maintenance and grounds keeper supervisor for the former golf course.

5.1.1 Area A

Area A is located in the southeastern portion of the Site and consists primarily of an elongated parcel within the limits of the City of Corona surrounded by residential streets and residential property. During the reconnaissance, it was noted that 6-inch asbestos-containing transite pipes had been used as primary water supply lines throughout the fairways in this area. A north facing view of Area A is shown on Figures 2 and 5 and in Photo 38 in Appendix D.

5.1.2 Area B

Area B is an irregular shaped parcel located in Riverside County and in the northwest portion of the Site. During the reconnaissance, broken pieces of transite pipe were observed on an open slope. The pipe appeared to have been exposed by surface water erosion near the center of the fairway and the broken pieces abandoned on the adjacent slope. It was noted that 6-inch asbestos containing transite pipes had been used as primary water supply lines throughout the fairways in this area. Increasing and significant erosion was observed along the drainage channel in the former fairway from light soil erosion and water ponding near the center of the area to progressing to severe erosion toward the north end of the area adjacent to the I91 freeway construction. Remnants of a former restroom and associated septic tank location (Septic Tank 3, approximately 500-gallons) were also observed. Area B is shown on Figures 2 and 4 and in Photos 21 through 36 and 38 through 40 in Appendix D.

5.1.3 Area C

Area C is an irregular shaped parcel located in Riverside County and in the south central portion of the Site. During the reconnaissance, it was noted that 6-inch asbestos containing transite pipes had been used as primary water supply lines throughout the fairways in this area. Remnants of a former restroom and associated septic tank location (Septic Tank 4, approximately 500-gallons) were also observed in the northwest portion of this area. A well, pump, and irrigation water reservoir were observed in the northern portion of this area. A drainage retention basin was located adjacent to the pump house. Area C is shown on Figures 2 and 6 and in Photos 41 through 48 in Appendix D.

5.1.4 Area D

Area D is a rectangular irregular shaped parcel located in Riverside County and in the south central portion of the Site. Structures in this area include the former Club House and pool and an existing golf cart shed. Three septic tanks were identified in the vicinity of this area. Septic Tank 1 (approximately 3,000-gallons) located along the southeast slope adjacent to the parking lot, Septic Tank 2 (approximately 1,200-gallons) located just north of the Club House parking lot behind the nearest residence and Septic Tank 5 (approximately 500-gallons) located northeast of Area D adjacent to Via Del Rio Road. A former underground storage tank (UST), removed in April 1992 was also located immediately adjacent to the septic tank. The concrete secondary containment structure for a 250-gallon diesel and a 500-gallon gasoline above ground storage tanks (AST) were also observed immediately south of the former Club House. Six inch asbestos containing transite pipes had been used as primary water supply lines throughout the fairways adjacent to this area. Area D is shown on Figures 2 and 3 and in Photos 1 through 20 in Appendix D

5.2 Limiting Conditions

G3's findings are based on the Site conditions observed during a preliminary reconnaissance on Thursday November 19, 2015. During the Site Reconnaissance, no limiting conditions were noted.

5.3 Observations

During our Site visit, G3 personnel made observations of the Site conditions as described in Table 4 below:

TABLE 4

SITE RECONNAISSANCE OBSERVATIONS

ITEM OR CONDITION	OBSERVED EVIDENCE	NO EVIDENCE OBSERVED	COMMENTS
Hazardous Substances & Petroleum Products	☒	☐	Transite pipe in the fairways, Areas A – D
Storage Tanks & Related Equipment	☒	☐	1 former gasoline UST, 1 former diesel and 1 gasoline AST
Odors	☐	☒	
Standing Surface Water or Other Pools of Liquid	☒	☐	Ponding water with a blue, oily tint was found in Area B at confluence of

ITEM OR CONDITION	OBSERVED EVIDENCE	NO EVIDENCE OBSERVED	COMMENTS
			two drains.
Products or Other Unidentified Contents	☐	☒	
Transformers or Equipment containing Polychlorinated Biphenyls (PCBs)	☐	☒	
Pits, Ponds, or Lagoons	☒	☒	
Stressed Vegetation (other than from insufficient water)	☐	☒	
Evidence of Mounds, Depressions or Filled or Graded Areas Suggesting Trash or Other Solid Waste Disposal	☒	☐	A depression filled with miscellaneous debris was noted in the fairway north of Area D.
Waste Water or any Discharge (including storm water) into a Drain, Ditch, or Stream on or Adjacent to the Site	☒	☐	Areas D and B had depressions. Area C has drainage basin next to pump house and pond.
Wells (active, inactive, or abandoned)	☒	☐	Area C has a pump house with a production well and booster pump.
Septic Systems or Cesspools	☒	☐	A total of 5 septic tanks were observed, 3 tanks in Area D, 1 in Area B, 1 in Area C.
Drains and Sumps	☐	☒	
Prior Structures	☒	☐	Miscellaneous concrete, scrap steel, restroom house concrete rubble, club house pad, filled pool.
Roads, Tracks, Railroad Tracks, or Spurs	☐	☒	

6.0 Interviews

On Thursday, November 19, 2015 during the site reconnaissance, Mr. Carlos Briseno, the maintenance and grounds keeper supervisor for the former golf course was interviewed.
Mr. Brieseno indicated that he had been employed at the course since the early 1980s and that the course had been in operation from the early 1960s until 2009 when it was closed after a fire gutted the interior of the clubhouse and restaurant. He also confirmed the presence of 5 septic tanks, the removal of the former UST and remediation of hydrocarbon impacted soil from the vicinity of the UST and the presence of 6-inch asbestos containing transite irrigation water conveyance lines throughout the fairways of the golf course. Mr. Briseno also noted that gasoline powered golf carts were used until 2001 when they were changed to battery powered carts. The locations of 2 former ASTs to fuel these carts, one 250-gallon diesel and one 500-gallon were identified immediate south of the former Club House in Area D (see Figure 3). When asked about the use of pesticides and herbicides on the course, Mr. Briseno said that due to the narrow fairways and in order to keep play moving, that there were no areas of rough and that the margins of the fairways were kept mowed short. Consequently, no applications of herbicides or pesticides were necessary other than the occasional use of Roundup to clear any cracks in the cart paths and walkways of incidental weeds or grass.

7.0 Findings

A cursory summary of findings is provided below. Details are not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

- A total of 5 septic tanks were identified at the Site. Three septic tanks were located in Area D, one in the south portion, one in the northwestern portion and, one located to the northeast of Area D adjacent to Vista Del Rio (see Figure 3). One septic tank is located in Area B and one in Area C (see Figures 4 and 6, respectively).
- One UST that was removed and hydrocarbon impacted soil was excavated and transported offsite in 1993. Based on the UST removal and the excavation of the impacted soil, the County of Riverside Health Services Agency Department of Environmental Health confirmed the completion of site investigation and remedial action for the UST.
- There is a low spot / depression in the north region of area D. This depression contained miscellaneous debris. Mr. Briseno indicated the depression flooded during rain storms;
- The Club House pool was back filled with sand and concreted over. The outline of the remains and its location is indicated in Figure 3.
- The Club House burned out and the fire scorched the vegetation surrounding the building. The Club House has been demolished and only the pad remains, detailed in Figure 3.
- Water draining through Area B has created an erosion trench that empties into the confluence of two drains. This drain confluence was also observed to have blue tinted water draining and ponding, shown in Figure 4 and photos 29 through 36.
- The former fairway bathroom buildings in Areas B and C have been reduced to rubble, in Area B, and a concrete pad, in Area C. The bathroom buildings for Areas B and C locations are shown in Figures 4 and 6, respectively.
- In general, the fairway greens and adjacent areas have been mowed to minimize groundcover or disked to remove weeds and groundcover all together.

8.0 Conclusions and Recommendations

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM E1527 of the Site. Any exceptions to, or deletions from, this practice are described in Section 9 of this report. This assessment has revealed RECs in connection with the property include the following:

- Remove the septic tanks and appropriately backfill the resulting excavations;
- Complete a limited Phase II Site Assessment to evaluate potential impacts of the diesel and gasoline ASTs in Area D;
- Clear brush and debris filled depressions and drainage courses;
- Remove rubble and construction materials and remnant concrete cart paths from the Site and adjacent areas; and
- Locate and remove all transite pipe from the fairways in, around, and adjacent to areas for proposed development.

G3 also recommends a Phase II Site Watershed, Habitat Restoration and Management Assessment. Based on the current location of ponds, ephemeral stream or drainage channels and existing and potential riparian habitat, a Phase II Site Watershed, Habitat Restoration and Management Assessment is recommended to address surface hydrology, erosion and watershed issues, habitat enhancement, maintenance, and include evaluations of:

- Design and use of bioswale and bioretention systems;
- Stormwater control using infiltration and groundwater recharge basins;
- Water quality improvements and biofiltration to reduce sediment transport loads; and
- Restoration, enhancement and maintenance of high quality riparian habitat in the immediate vicinity of existing stream channels and multispecies habitat at other locations throughout the Site.

9.0 Deviations

No deviations or deletions from the ASTM Standard Practice were addressed in this report.

10.0 ADDITIONAL NON-SCOPE SERVICES

There are environmental issues outside the scope of the ASTM E1527-13 that can be assessed in connection with a commercial real estate transaction. These are dealt with as non-scope considerations since they do not typically present a Superfund Liability. The specific level of inquiry (if any) is defined in the proposal, which contains a Scope of Work. These non-scope services are very client specific and not covered by the ASTM standard. They are frequently related to the business environmental risk which is defined in the ASTM standard as “risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate.’’

One non-scope issue, the presence of asbestos containing transite water conveyance pipe was addressed in this report. The transite pipe was identified during the interview with a maintenance worker and is presented in Sections 5 and 6.

11.0 References

California Regional Water Quality Control Board Website, GeoTracker Database, November 10, 2015

County of Riverside, Planning Department website, Map My County Web Application, November, 19, 2015

Environmental Record Search (ERS), Inc., RecCheck

Environmental Record Search (ERS), Inc., Aerial Photo

Environmental Record Search (ERS), Inc., City Directory

Environmental Record Search (ERS), Inc., Historical Topographic

Google Earth website, Satellite Photo review.

Lisa B. Grant, Ph.D. Active Deformation and Earthquake Potential of the Southern Los Angeles Basin, Orange, County, California. University of California.

Upper Santa Ana Valley Groundwater Basin, Temescal Subbasin. Hydrologic Region South Coast. 2006. California's Groundwater Bulletin 118.

San Bernardino Valley Water Conservation District (SBVCD). 2000. Engineering Investigation of the Bunker Hill Basin 1999-2000.

South Coast Air Quality Management District, Request for Information, On October 30, 2015.

12.0 List and Signatures of Environmental Professionals

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all the appropriate inquiries in conformance with the standard and practices set forth in 40 CFR Part 312.

Stanley G. White, Director of Environmental Services

B.A. Geology, Humboldt State University, Arcata, CA
California State Registered Geologist (R.G) No. 7342
40-hour OSHA Safety Training
Annual 8-hour OSHA Safety Training Refresher
8-hour OSHA Supervisor Training

Mr. White has over 25 years of project experience, which includes managing environmental programs. He has been responsible for Phase I Assessments, Phase II Assessments, and remediation projects leading to regulatory closure. He has extensive field experience which includes the use of Geoprobe and hollow-stem auger drilling equipment; soil gas sampling; CPT equipment; geophysical surveys; groundwater monitoring well installation and sampling; drum and pond sampling; underground storage tank removals; soil and groundwater remediation system layout; installation and operation; and risk-based corrective actions.

Principal areas of responsibility for this ESA report: Project management, quality control, technical review, research, site reconnaissance, and report generation oversight.

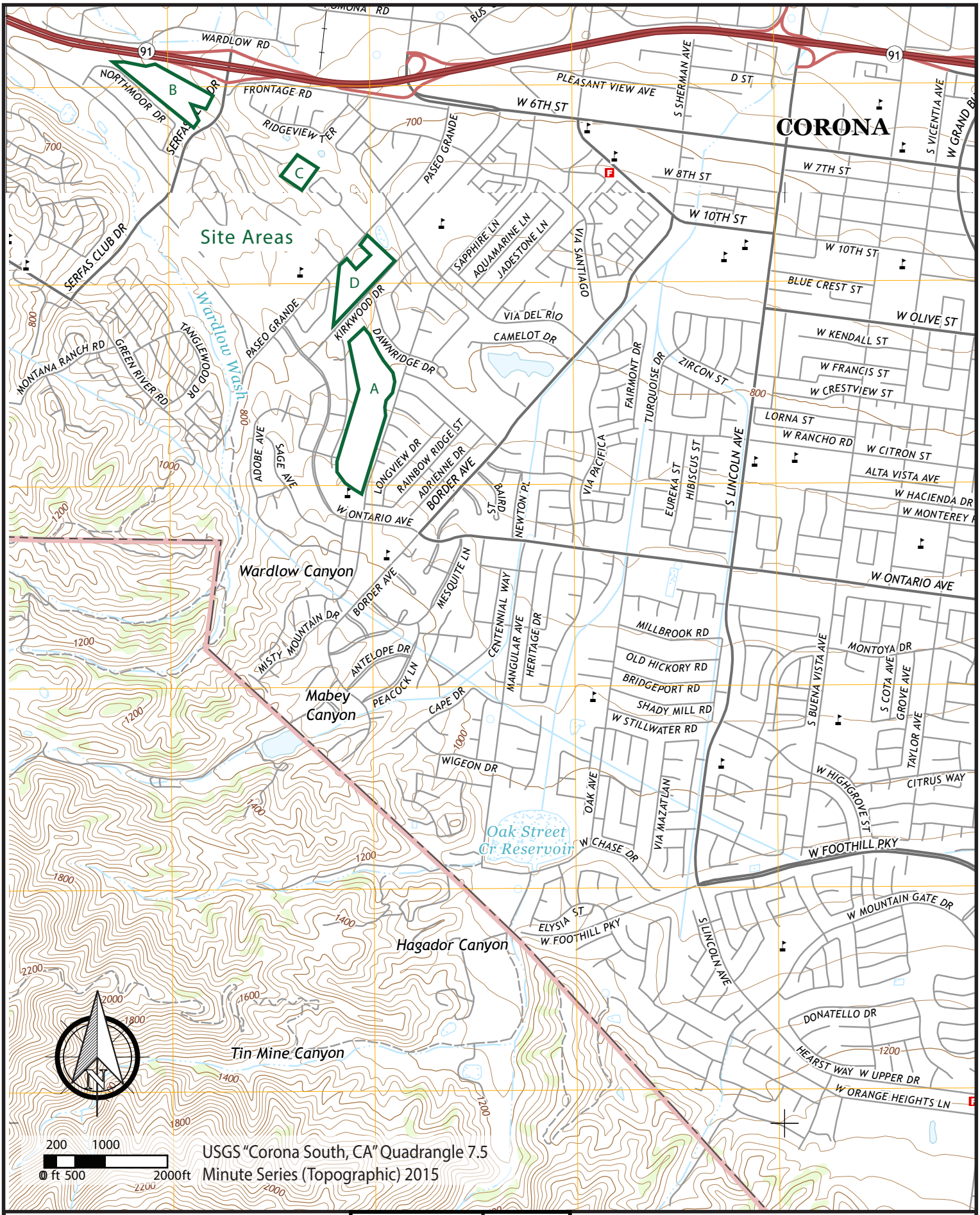
Douglas G. Stout, Staff Geologist

B.S. Geology, Florida State University, Tallahassee, FL

Mr. Stout has over 3 years of project experience, which includes extensive production well water quality testing. He has contributed to Phase I Assessments in the past. His field experience includes the use of Geoprobe, hand auger, rotary drilling, and hollow stem auger; specific conductance, total dissolved solid, pH, H_2S content, Fe content, chloride concentration, and turbidity testing; production and monitoring well installation and sampling.

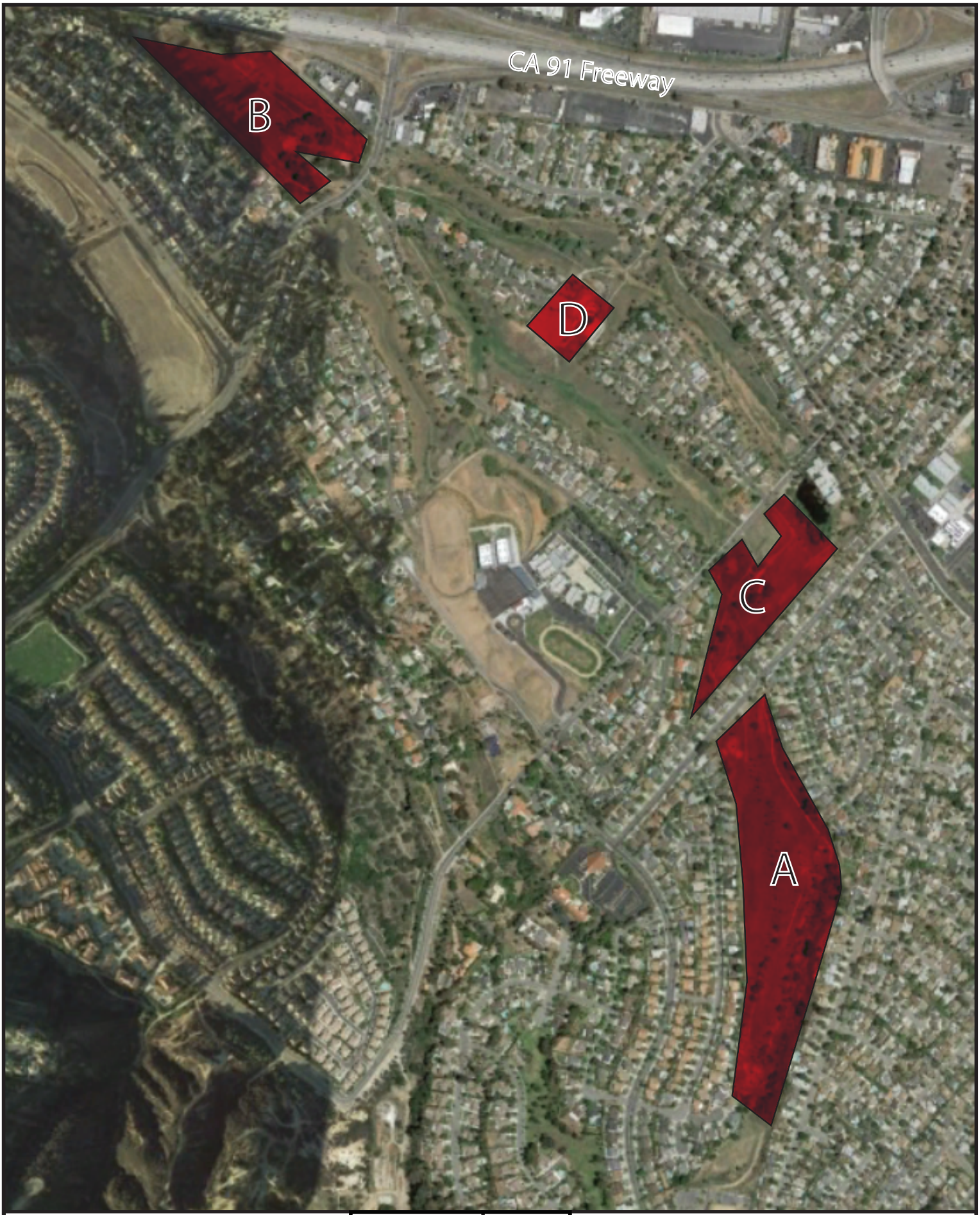
Principal areas of responsibility for this ESA report: Records review, site photos, ERS, introduction, figures and references.

FIGURES



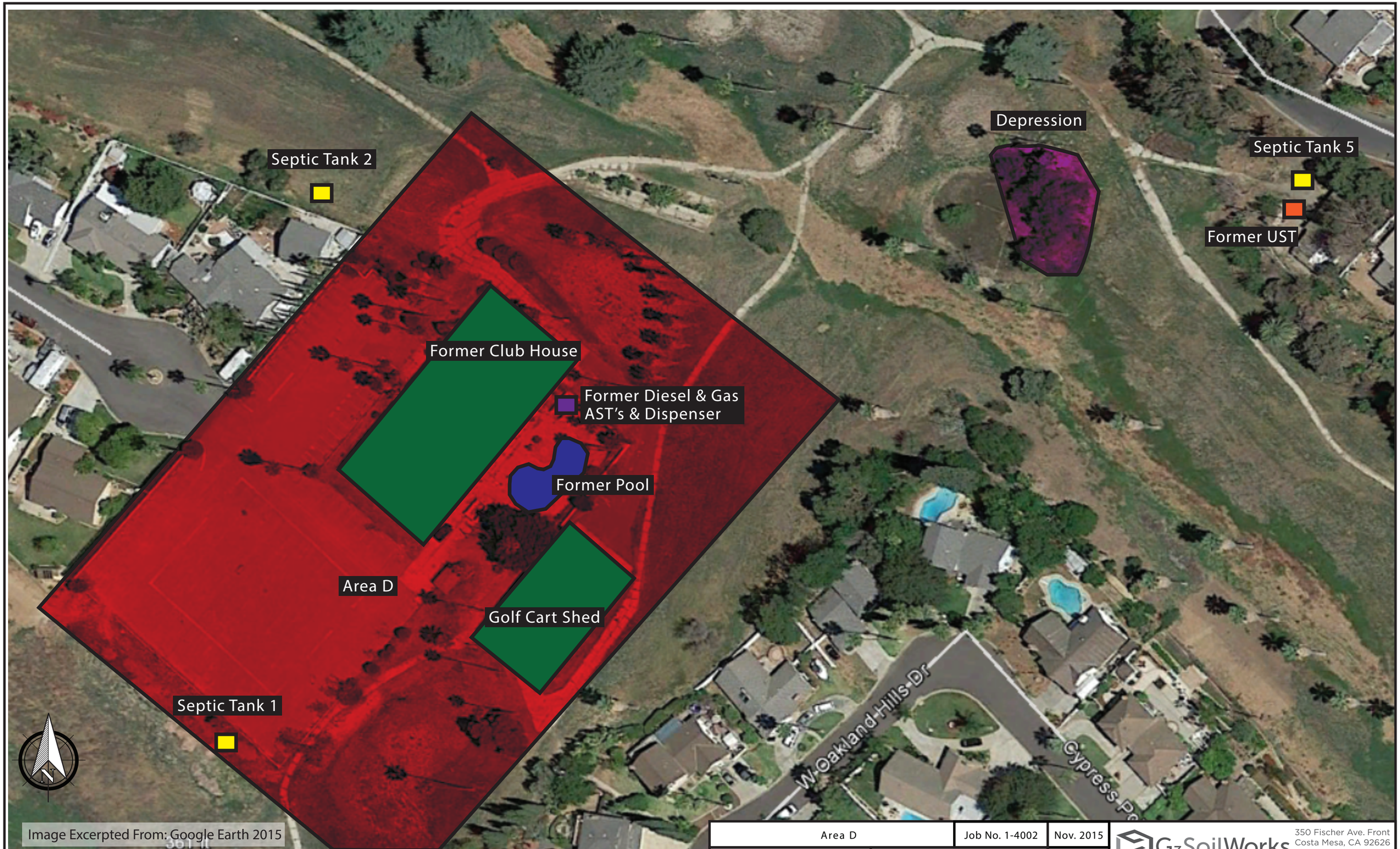
Site Location Map	Job No. 1-4002	Oct. 2015	G3SoilWorks
2121 Mountain View Dr.	Cornoa, CA	Fig. 1	

350 Fischer Ave. Front
Costa Mesa, CA 92626
Phone: (714) 668 5600
www.G3SoilWorks.com



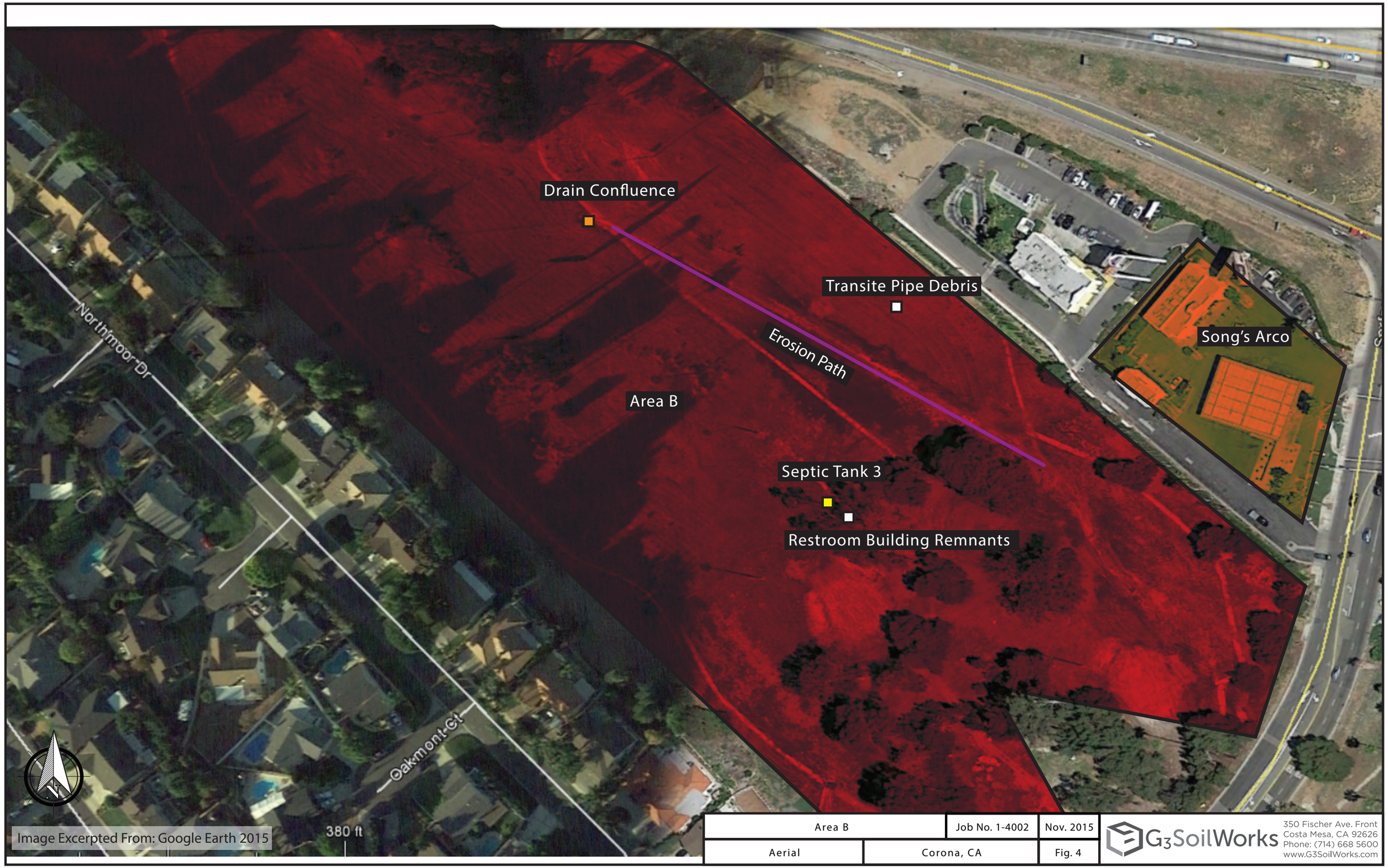
Site Map		Job No. 1-4002	Oct. 2015
2121 Mountain View Dr	Corona, CA		Fig. 2

G3SoilWorks
350 Fischer Ave. Front
Costa Mesa, CA 92626
Phone: (714) 668 5600
www.G3SoilWorks.com



Area D		Job No. 1-4002	Nov. 2015
Aerial	Corona, CA		Fig. 3

G3SoilWorks
350 Fischer Ave. Front
Costa Mesa, CA 92626
Phone: (714) 668 5600
www.G3SoilWorks.com



Area B		Job No. 1-4002	Nov. 2015
Aerial	Corona, CA		Fig. 4

G3SoilWorks
350 Fischer Ave. Front
Costa Mesa, CA 92626
Phone: (714) 668 5600
www.G3SoilWorks.com



Image Excerpted From: Google Earth 2015

Area A		Job No. 1-4002	Nov. 2015
Aerial	Corona, CA		Fig. 5

G3SoilWorks
350 Fischer Ave. Front
Costa Mesa, CA 92626
Phone: (714) 668 5600
www.G3SoilWorks.com



Area C		Job No. 1-4002	Nov. 2015
Aerial	Corona, CA		Fig. 6

G3SoilWorks
350 Fischer Ave. Front
Costa Mesa, CA 92626
Phone: (714) 668 5600
www.G3SoilWorks.com

APPENDIX A

Historical Aerial Photographs and Topographic Maps

ENVIRONMENTAL RECORD SEARCH

"The Intelligent Choice"

Aerial Photo & Topographic Map Research

REPORT RESULTS



Report Results for:

Douglas Stout
G3Soilworks
350 Fischer Ave. Front
Costa Mesa, CA 92626
2104659738 AOTO
November 12, 2015

ENVIRONMENTAL RECORD SEARCH

Subject Site:

Client's Project #:
Address: **2121 Mountain View Drive**
City, State Zip: **Corona, CA**

ERS Order #:

2104659738 AOTO

Prepared For:

Name: Douglas Stout
Company: G3Soilworks
Address: 350 Fischer Ave. Front
City, State Zip: Costa Mesa, CA 92626

Date:

November 12, 2015

Enclosed are the results of our…..

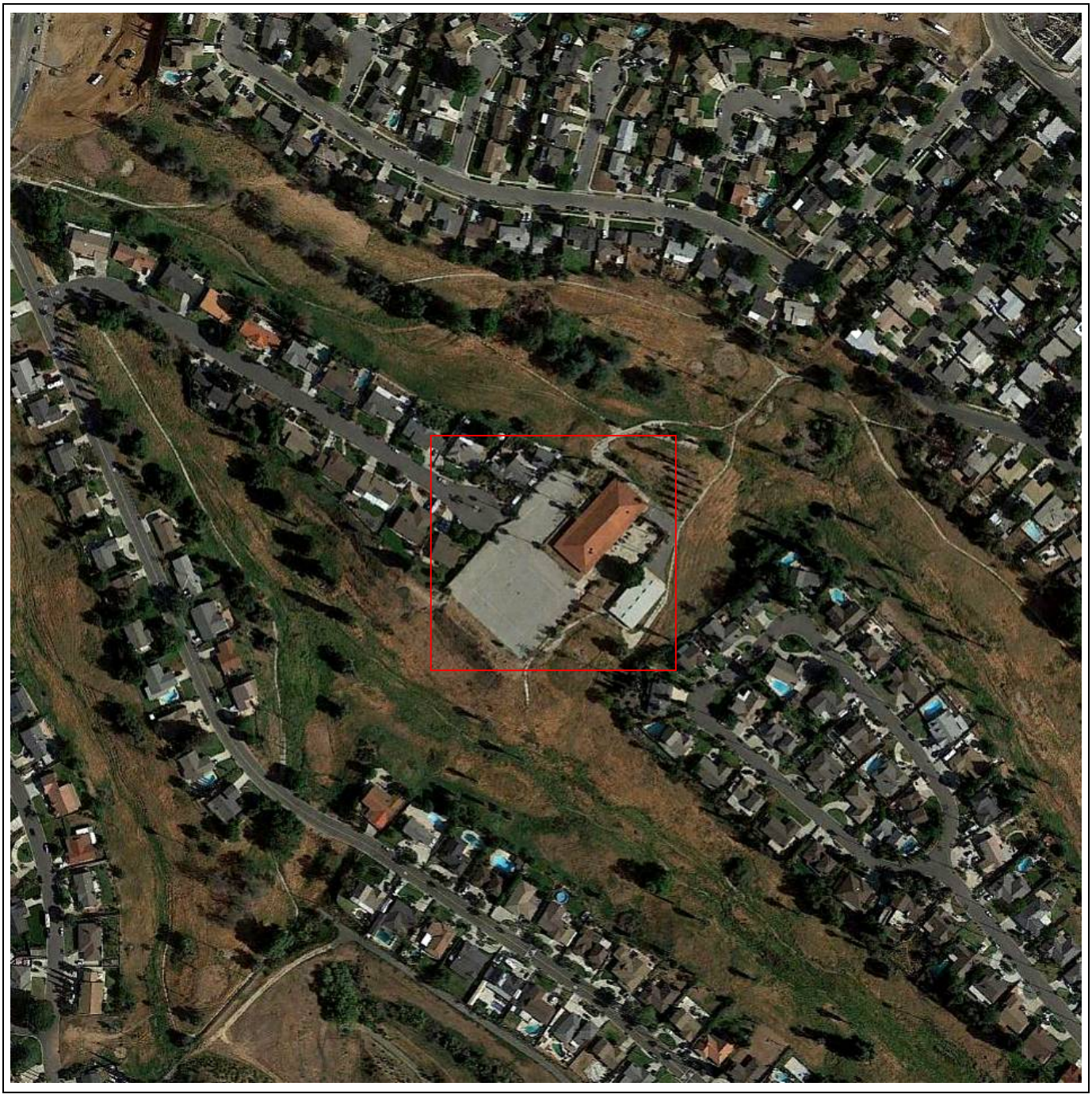
Aerial Photograph and Topographic Map research.

Thank you for selecting ***Environmental Record Search***!

To aid you in locating your site on the imagery provided, we have placed a box over/surrounding your site.

Note: *This box is not representative of your site's boundaries. It is simply a tool to assist you with the location of your site within the image. The box has been placed in the same location on each image to help you locate your site easily from year to year. If you have any problems locating your site, please call us. We are here to help.*

All terms, conditions, and limitations normally associated with work contracted by **ERS** and presented or associated with aerial photography are in effect at all times. This letter summary, all its information, and content have been derived from and rely upon the reviewed aerial photographs. **ERS's** research has only been based on these images; **ERS** did not perform any type of independent investigation of any type, including as to the accuracy and/or completeness of the information derived or otherwise obtained from the secondary source or sources.

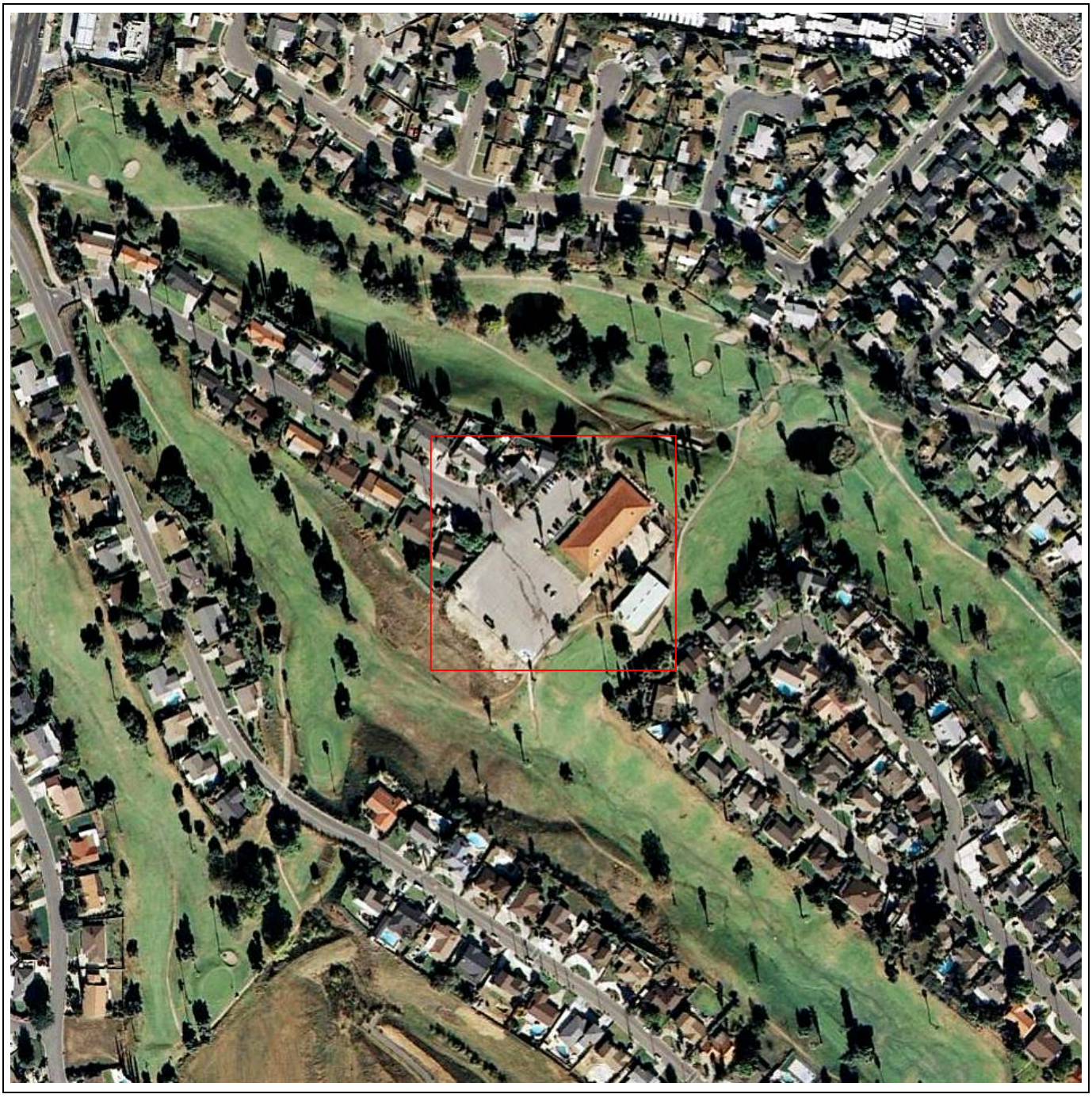


Historical Aerial Photo

Site:

2121 Mountain View Drive
Corona, CA

2015



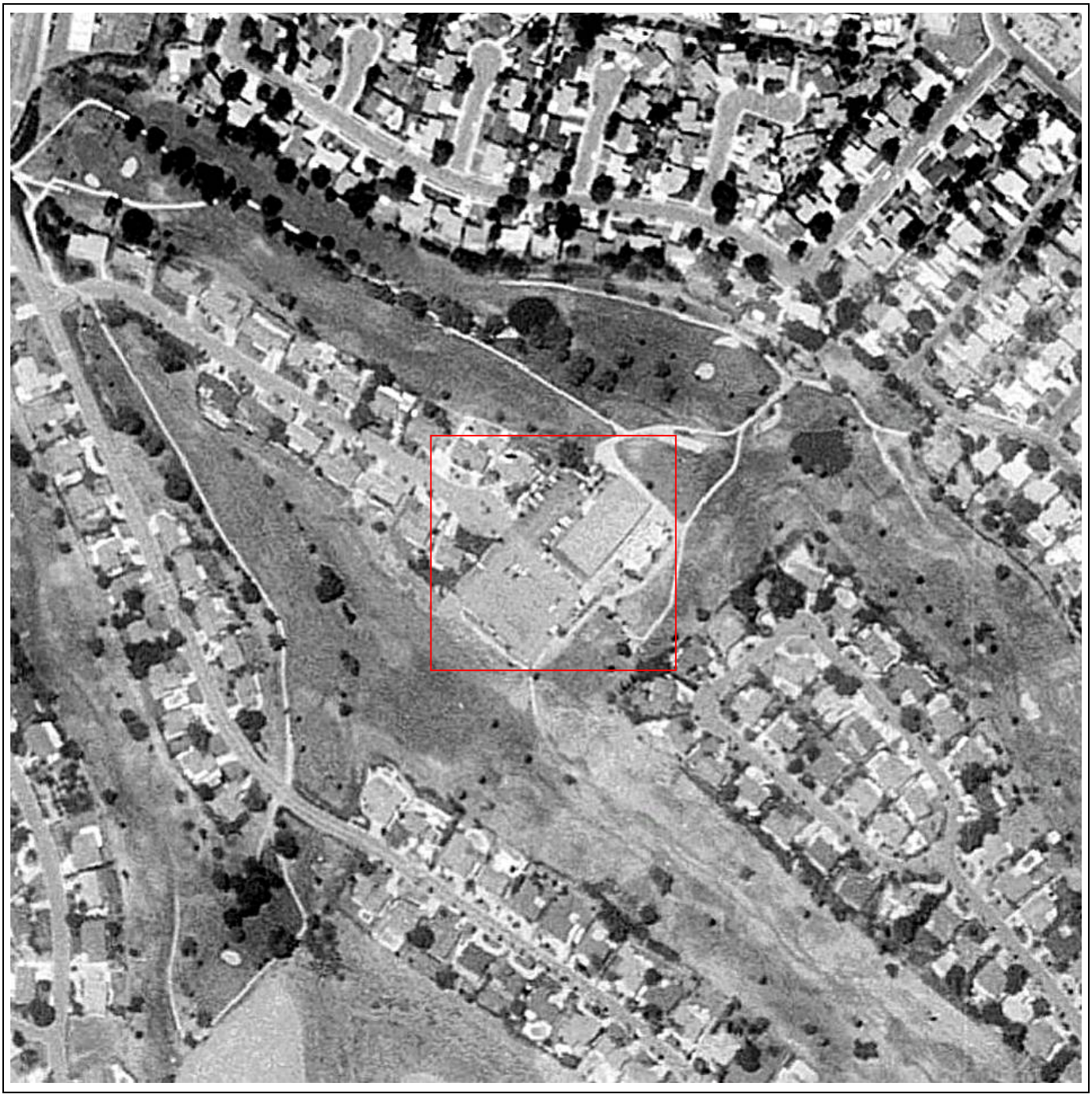
Historical Aerial Photo

Site:

2121 Mountain View Drive
Corona, CA

2005

 ©2013

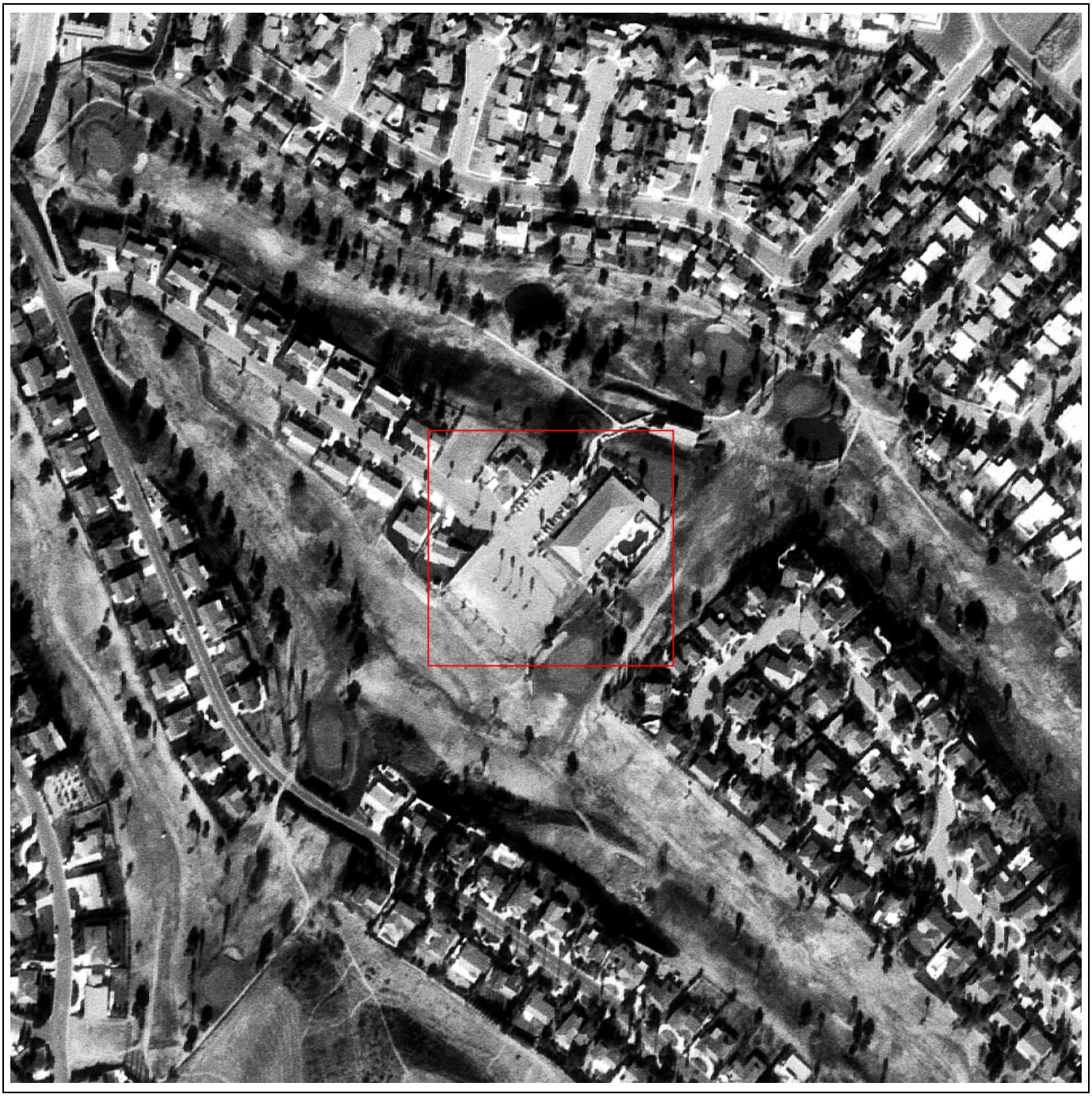


Historical Aerial Photo

Site:

2121 Mountain View Drive
Corona, CA

1994

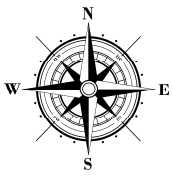


Historical Aerial Photo

Site:

2121 Mountain View Drive
Corona, CA

1980



 ©2013

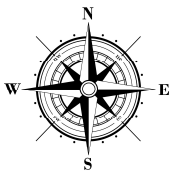


Historical Aerial Photo

Site:

2121 Mountain View Drive
Corona, CA

1975



 ©2013

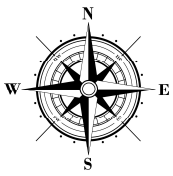


Historical Aerial Photo

Site:

2121 Mountain View Drive
Corona, CA

1967



 ©2013

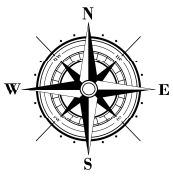


Historical Aerial Photo

Site:

2121 Mountain View Drive
Corona, CA

1966



 ©2013

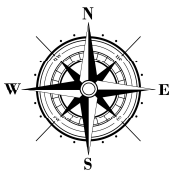


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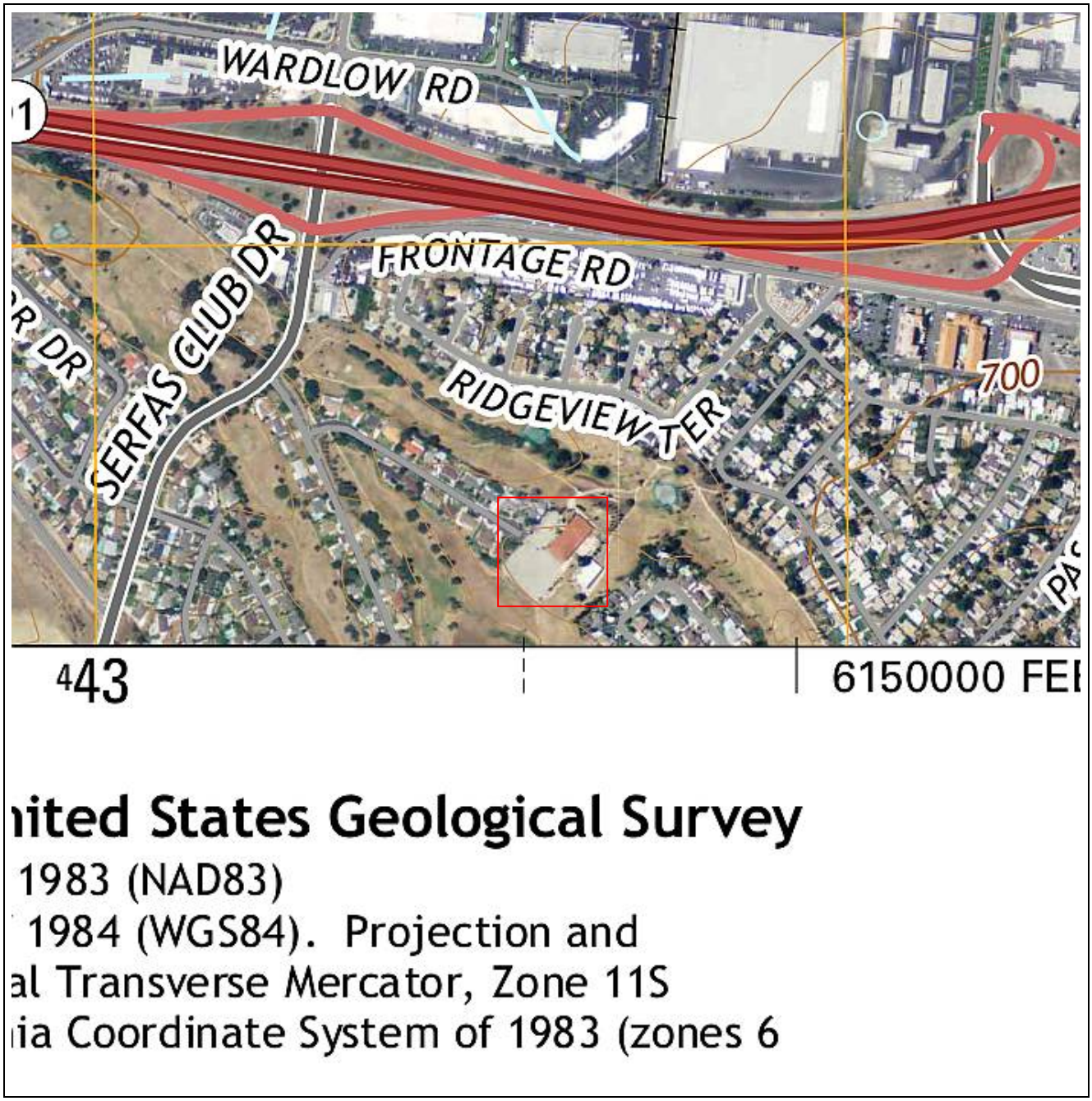
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2121 Mountain View Drive
Corona, CA

1948



 ©2013

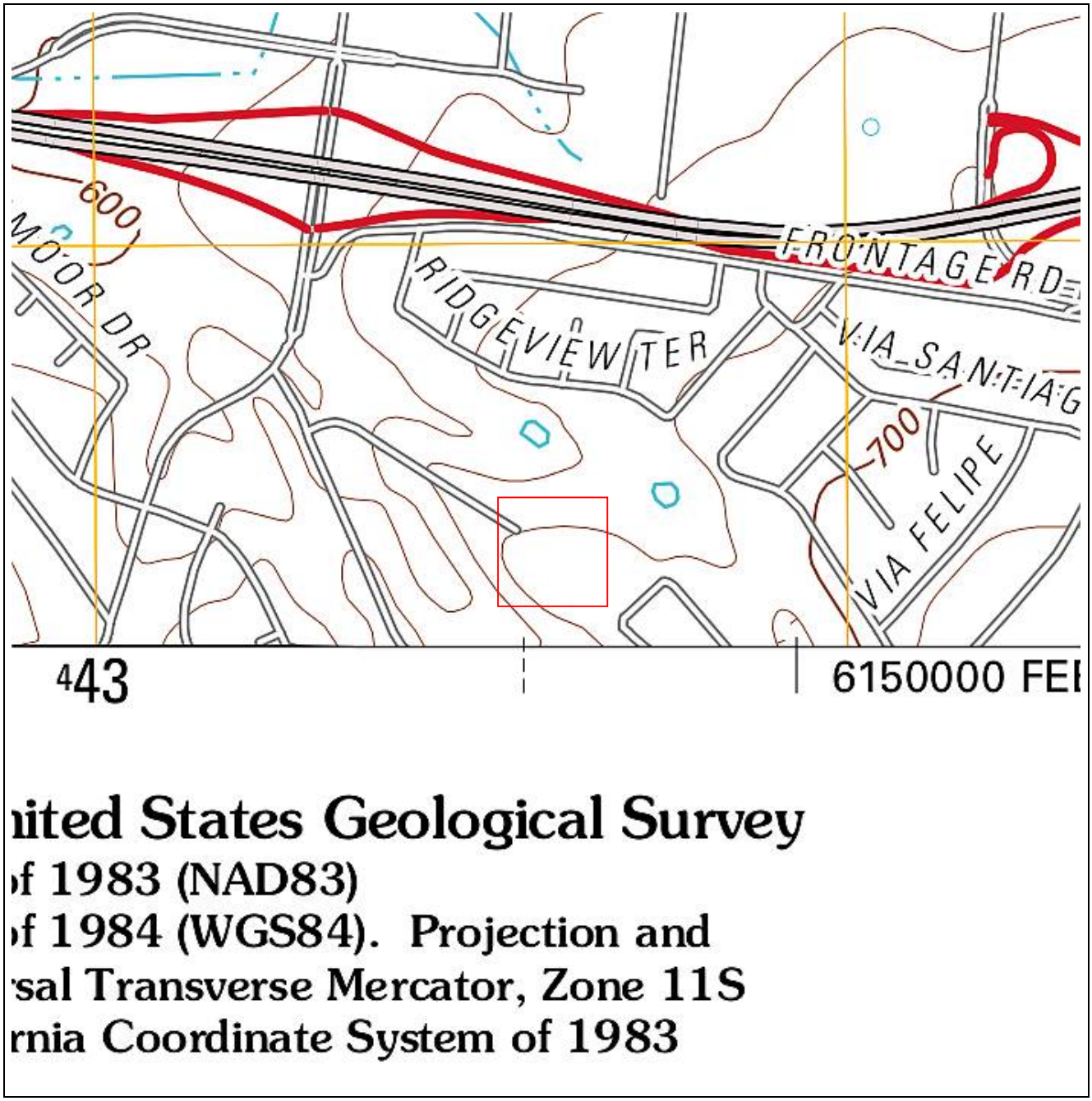


Historical Topographic Map

Site:
2121 Mountain View Drive
Corona, CA

Date:	**2015**
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Series:	**7.5**
Original Scale:	**1:24,000**
Contour Intervals:	**20 Feet**

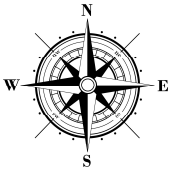
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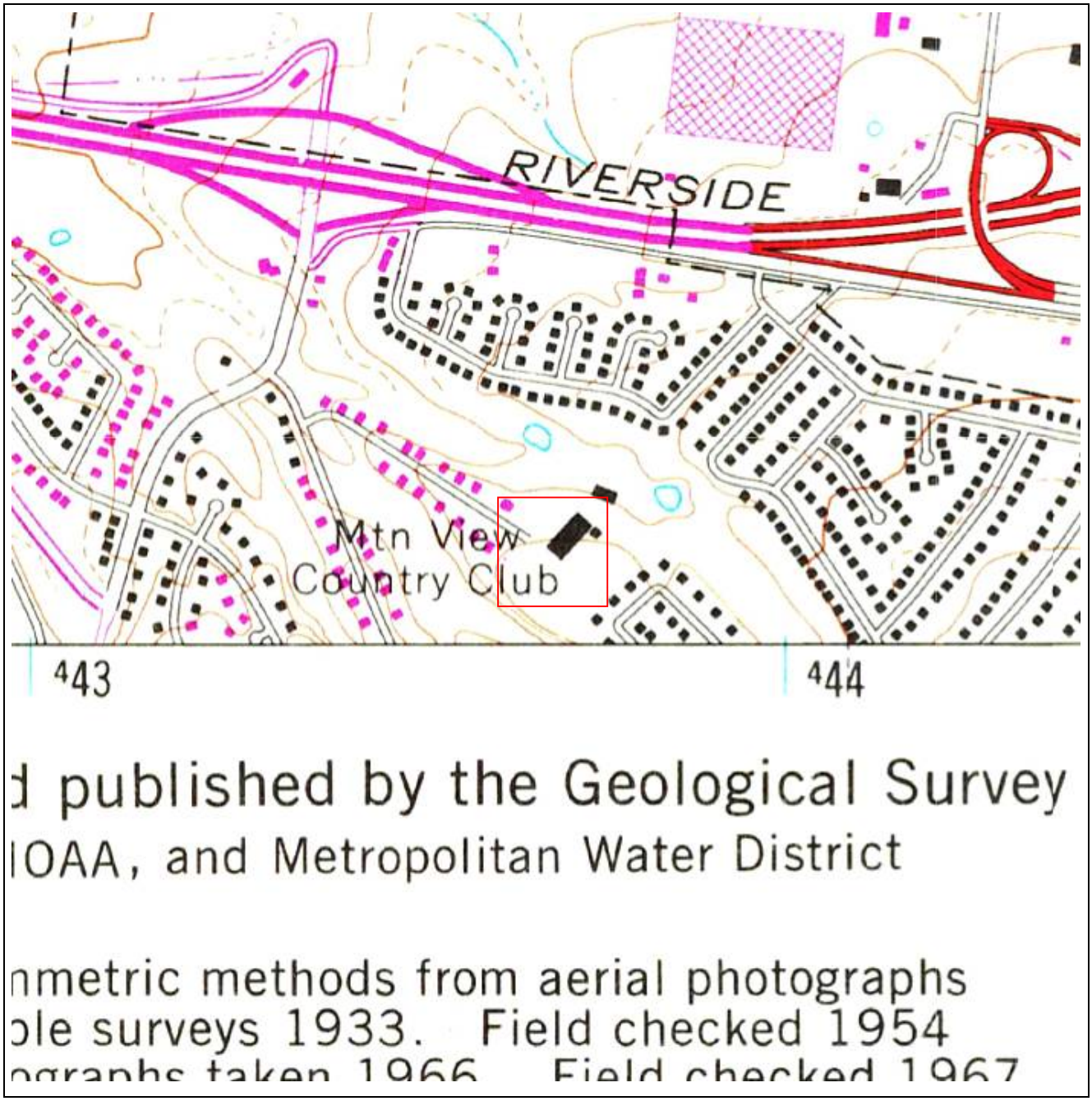
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Site:
2121 Mountain View Drive
Corona, CA

Date:	**2012**
Quad:	**Corona North**
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Original Scale:	**1:24,000**
Contour Intervals:	**20 Feet**



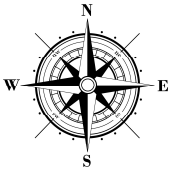
 ©2013



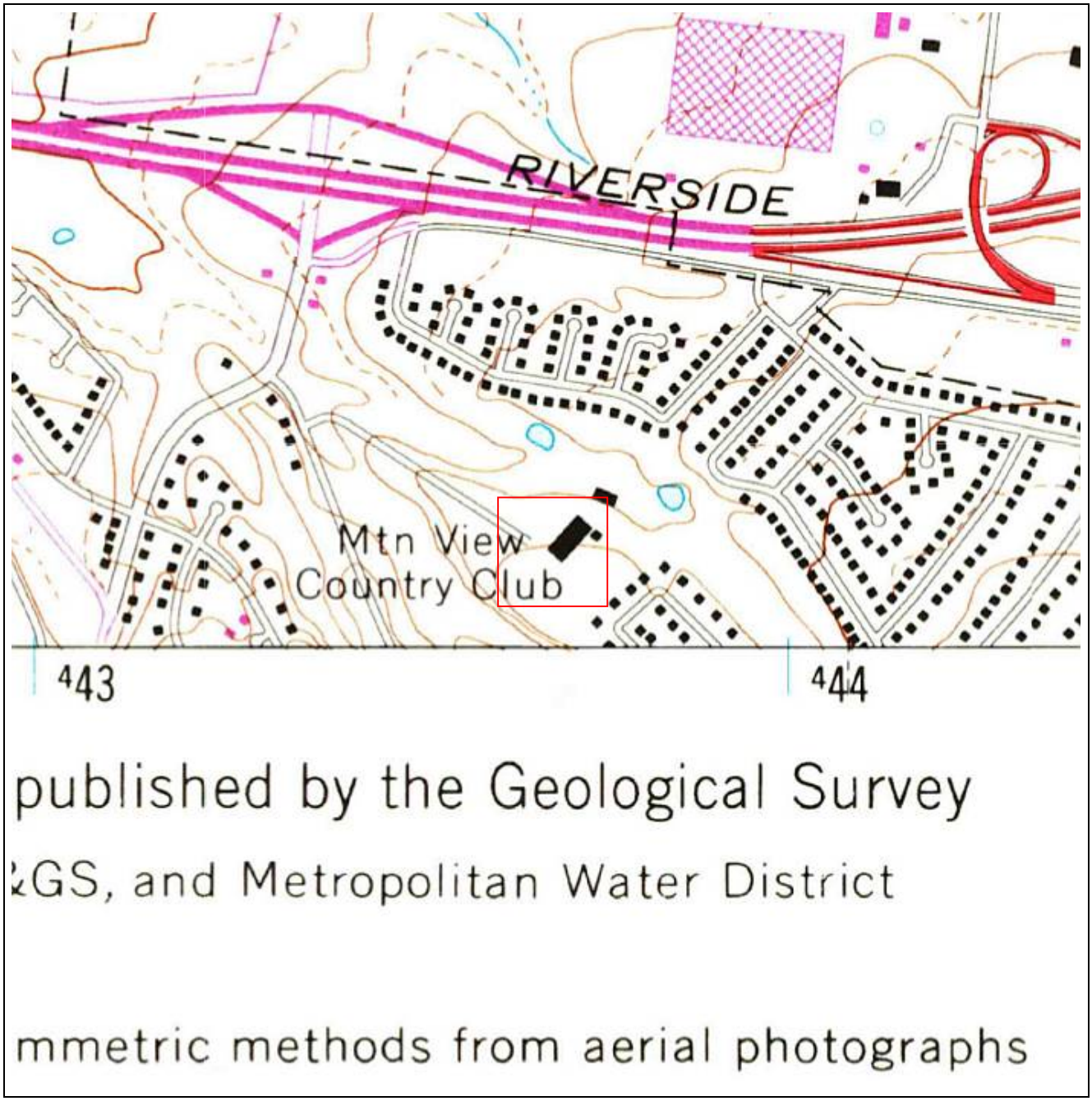
Historical Topographic Map

Site:
2121 Mountain View Drive
Corona, CA

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Quad:	**Corona North**
Series:	**7.5**
Original Scale:	**1:24,000**
Contour Intervals:	**20 Feet**



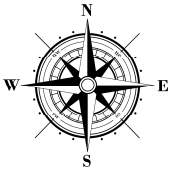
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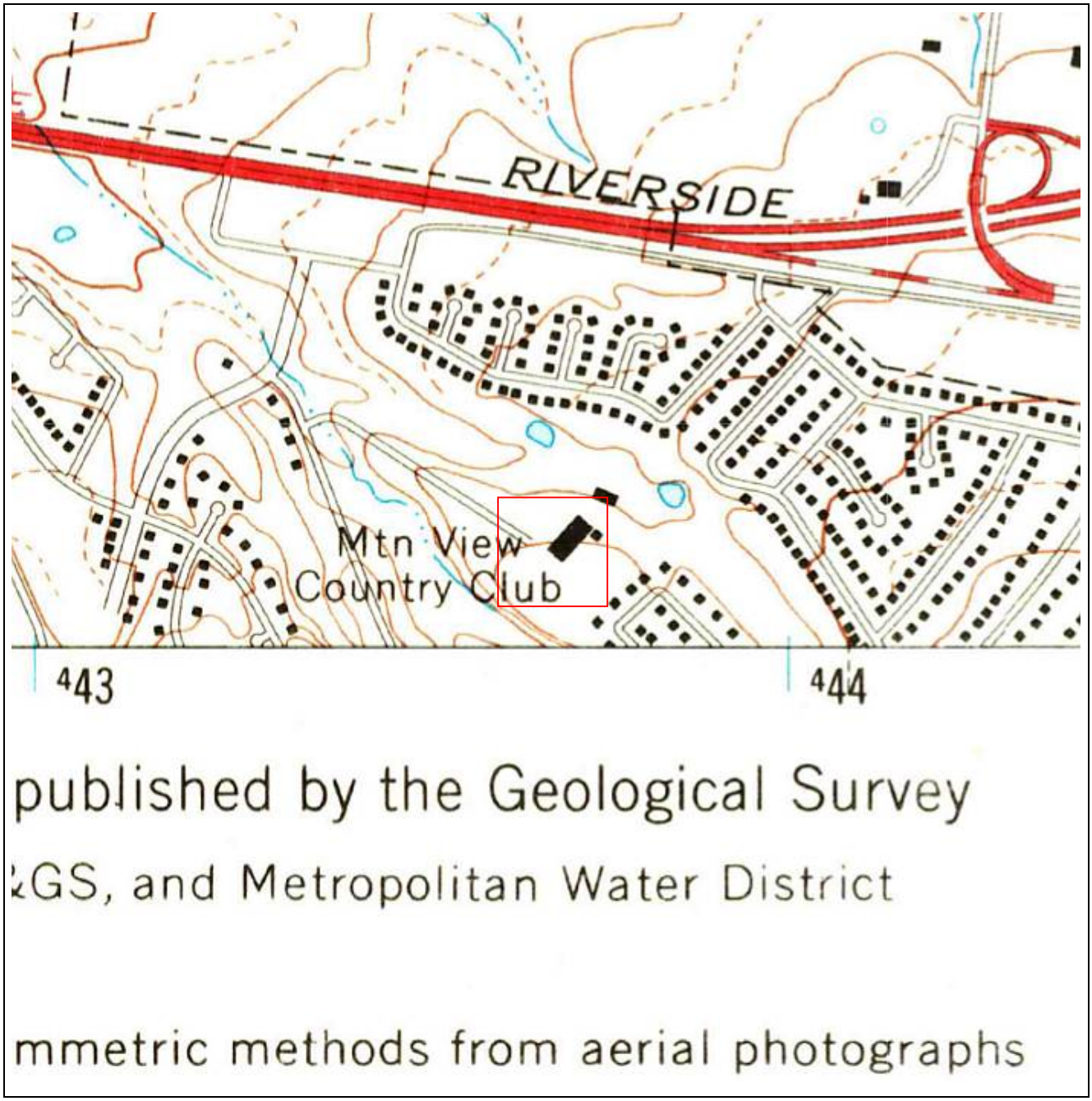


Historical Topographic Map

Site:
2121 Mountain View Drive
Corona, CA

Date:	**1973**
Quad:	**Corona North**
Series:	**7.5**
Original Scale:	**1:24,000**
Contour Intervals:	**20 Feet**



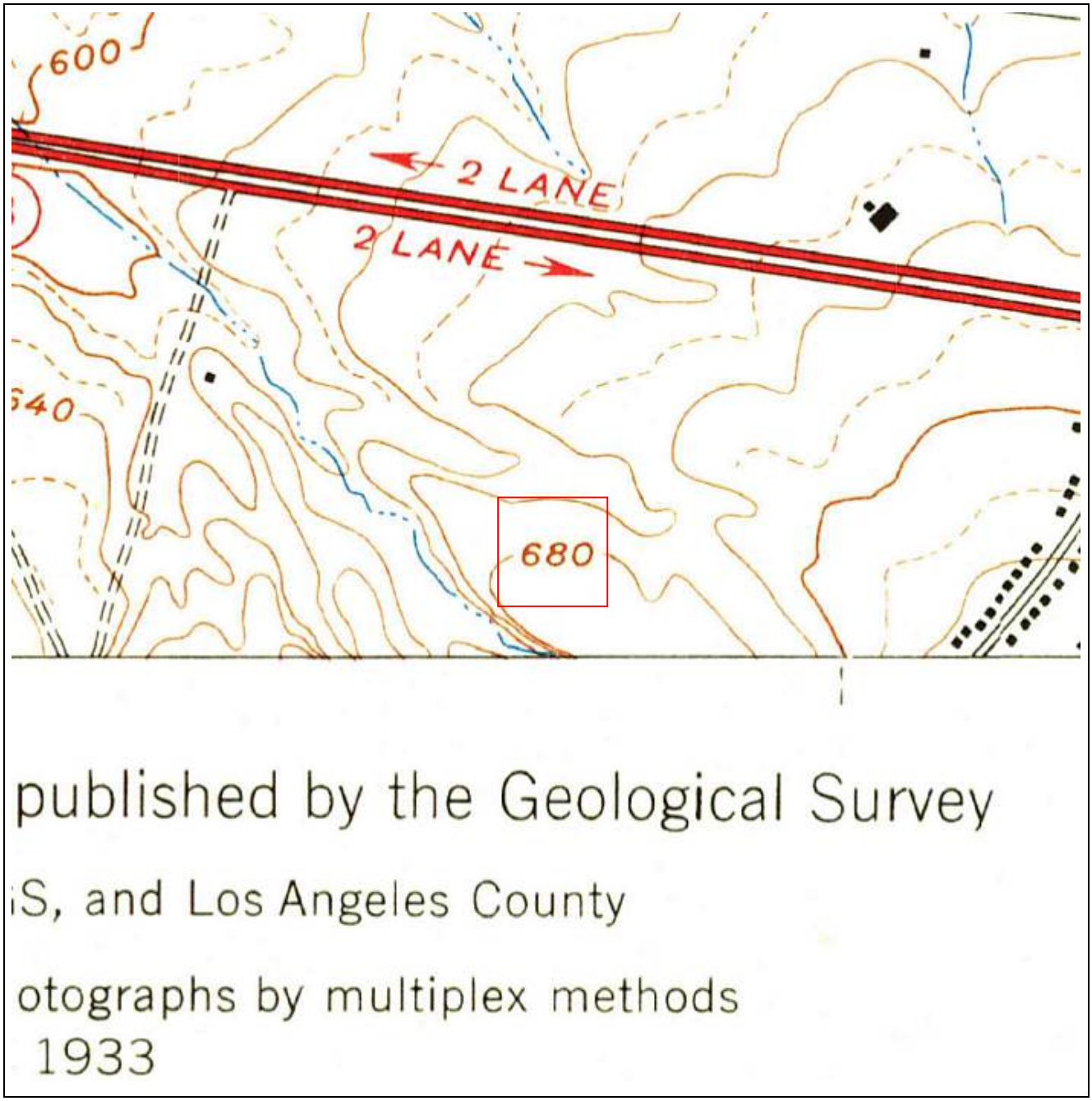


Historical Topographic Map

Site:
2121 Mountain View Drive
Corona, CA

Date:	**1967**
Quad:	**Corona North**
Series:	**7.5**
Original Scale:	**1:24,000**
Contour Intervals:	**20 Feet**

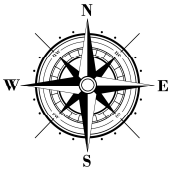
 ©2013



Historical Topographic Map

Site:
2121 Mountain View Drive
Corona, CA

Date:	**1954**
Quad:	**Corona North**
Series:	**7.5**
Original Scale:	**1:24,000**
Contour Intervals:	**20 Feet**



 ©2013

APPENDIX B

City Directory

ENVIRONMENTAL RECORD SEARCH

"The Intelligent Choice"

City Directory Research

REPORT RESULTS



Report Results for:

Douglas Stout
G3Soilworks
350 Fischer Ave. Front
Costa Mesa, CA 92626
2104659738 CDAC
November 13, 2015

ENVIRONMENTAL RECORD SEARCH

Subject Site:

Client's Project #:
Address: **2121 Mountain View Drive**
City, State Zip: **Corona, CA**

ERS Order #:

2104659738 CDAC

Prepared For:

Name: Douglas Stout
Company: G3Soilworks
Address: 350 Fischer Ave. Front
City, State Zip: Costa Mesa, CA 92626

Date:

November 13, 2015

Enclosed are the results of our:

City Directory Research

Thank you for selecting ***Environmental Record Search***!

The attached image files represent the findings of our research of the subject site and immediate adjacent sites.

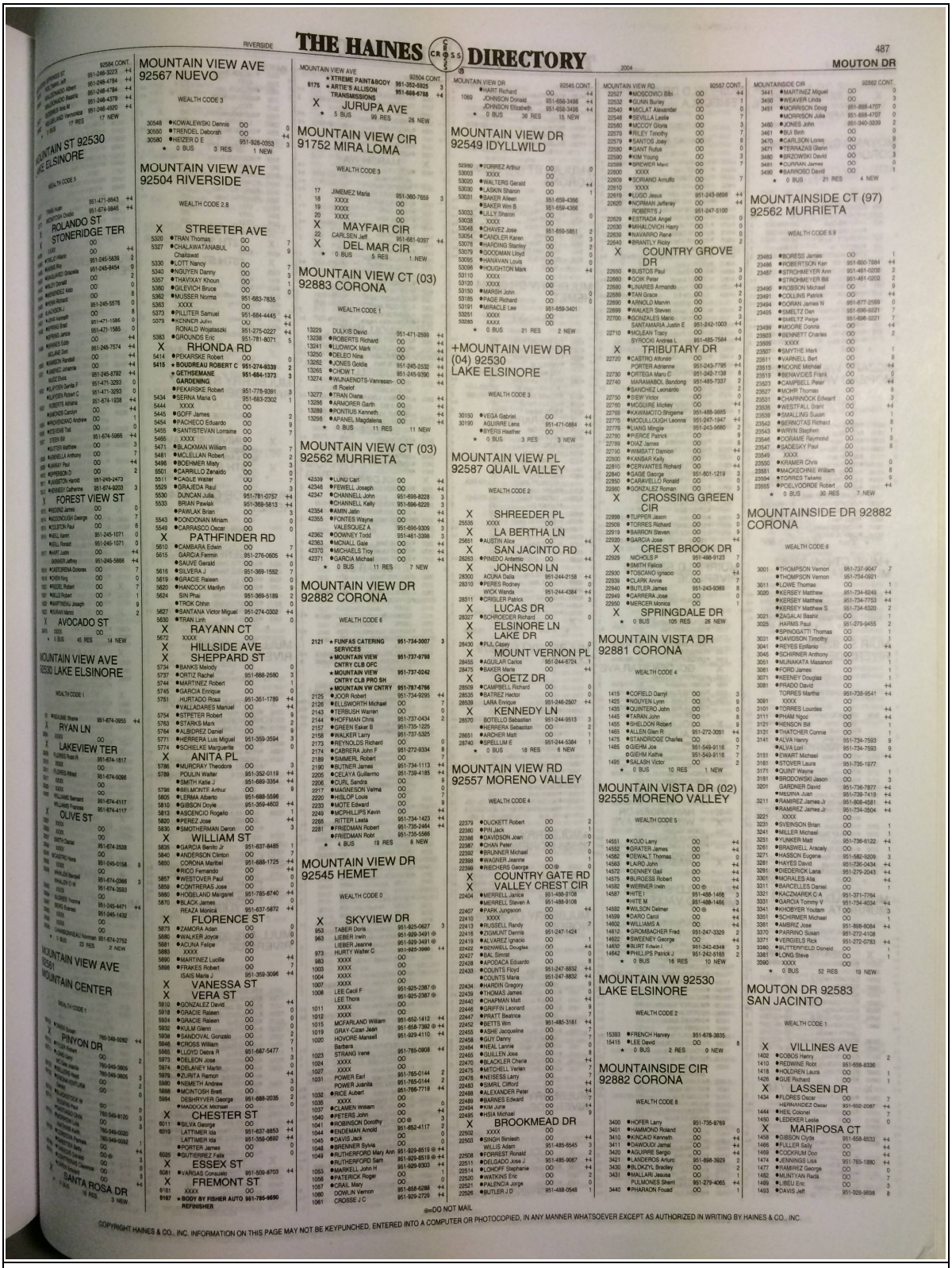
Streets Researched: Mountain View Drive (Subject)
Oakland Hills Dr. (Adjacent)

Years researched which did cover your site or adjacent sites:

1973	1974	1985	1990	2000
2004/05				

Years researched which did NOT cover your site or adjacent sites:

ERS's research has been limited to the information presented in the reviewed city directories only. All terms, conditions, and limitations normally associated with work contracted by **ERS** and presented or associated with the city directories are in effect at all times. This letter summary, all its information, and content have been derived from and rely upon the reviewed city directories. **ERS's** research has only been based on these books; **ERS** did not perform any type of independent investigation of any type, including as to the accuracy and/or completeness of the information derived or otherwise obtained from the secondary source or sources.



THE HAINES CROSS DIRECTORY

2004

487

MOUTON DR

MOUNTAIN VIEW AVE
92567 NUEVO

MOUNTAIN VIEW AVE
92504 RIVERSIDE

MOUNTAIN VIEW CIR
91752 MIRA LOMA

MOUNTAIN VIEW CT (03)
92883 CORONA

MOUNTAIN VIEW CT (03)
92562 MURRIETA

MOUNTAIN VIEW DR
92882 CORONA

MOUNTAIN VIEW DR
92545 HEMET

MOUNTAIN VIEW DR
92549 IDYLLWILD

+MOUNTAIN VIEW DR (04) 92530
LAKE ELSINORE

MOUNTAIN VIEW PL
92587 QUAIL VALLEY

MOUNTAIN VIEW RD
92557 MORENO VALLEY

MOUNTAIN VISTA DR
92881 CORONA

MOUNTAIN VISTA DR (02)
92555 MORENO VALLEY

MOUNTAIN VW 92530
LAKE ELSINORE

MOUNTAINSIDE CIR
92882 CORONA

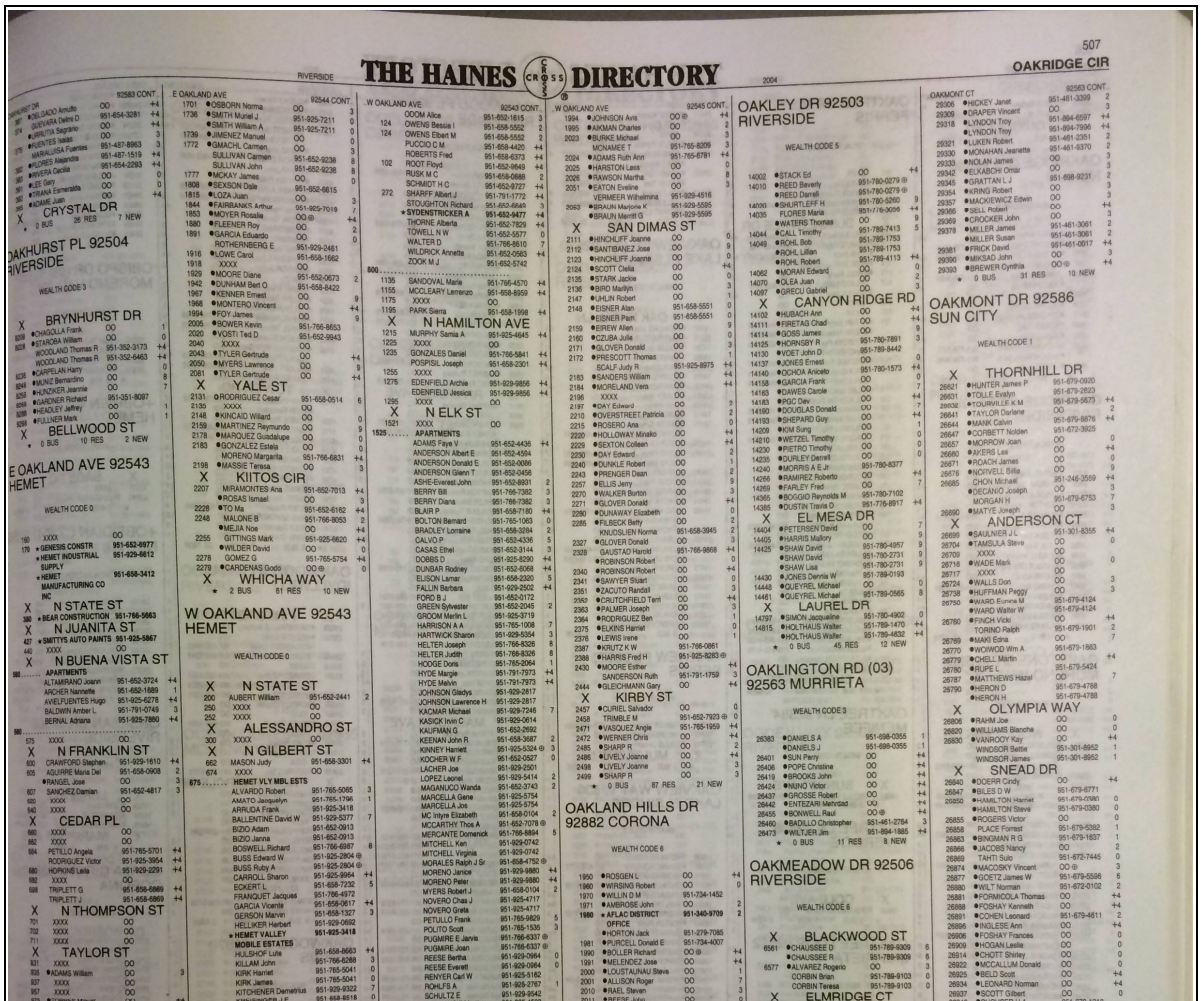
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92562 MURRIETA

MOUNTAINSIDE DR 92882
CORONA

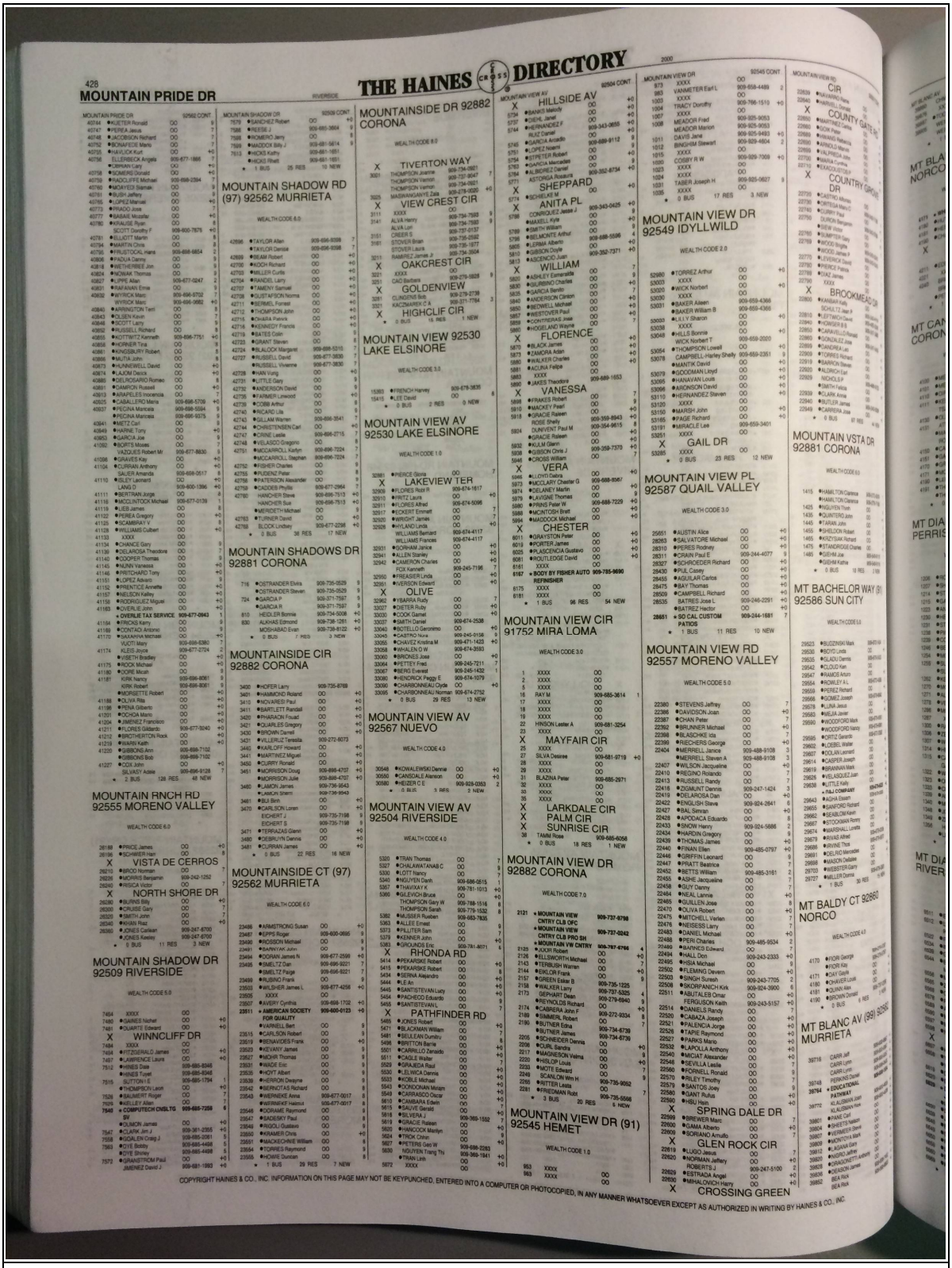
MOUTON DR 92583
SAN JACINTO

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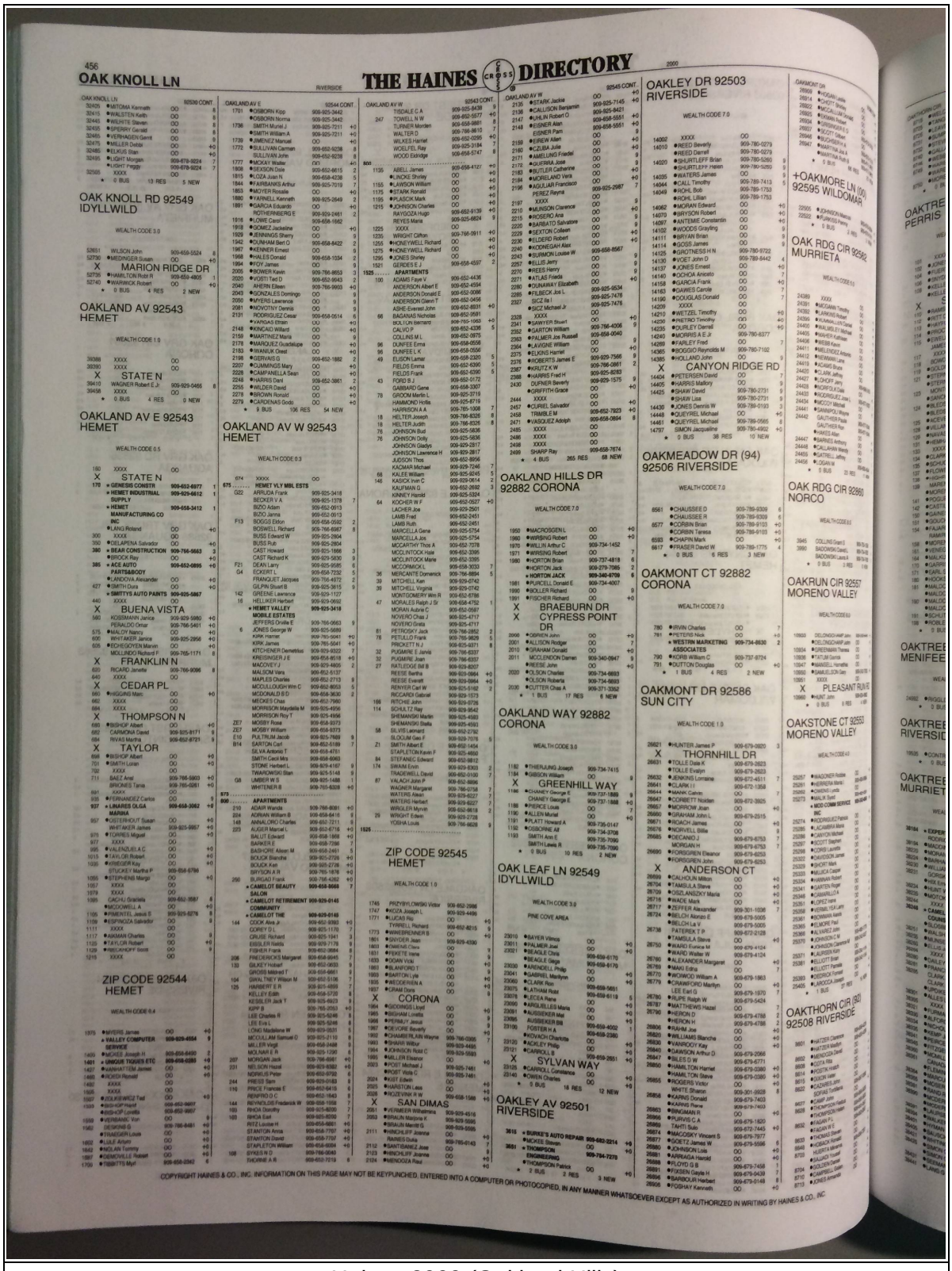
Haines 2004/05 (Mountain View)



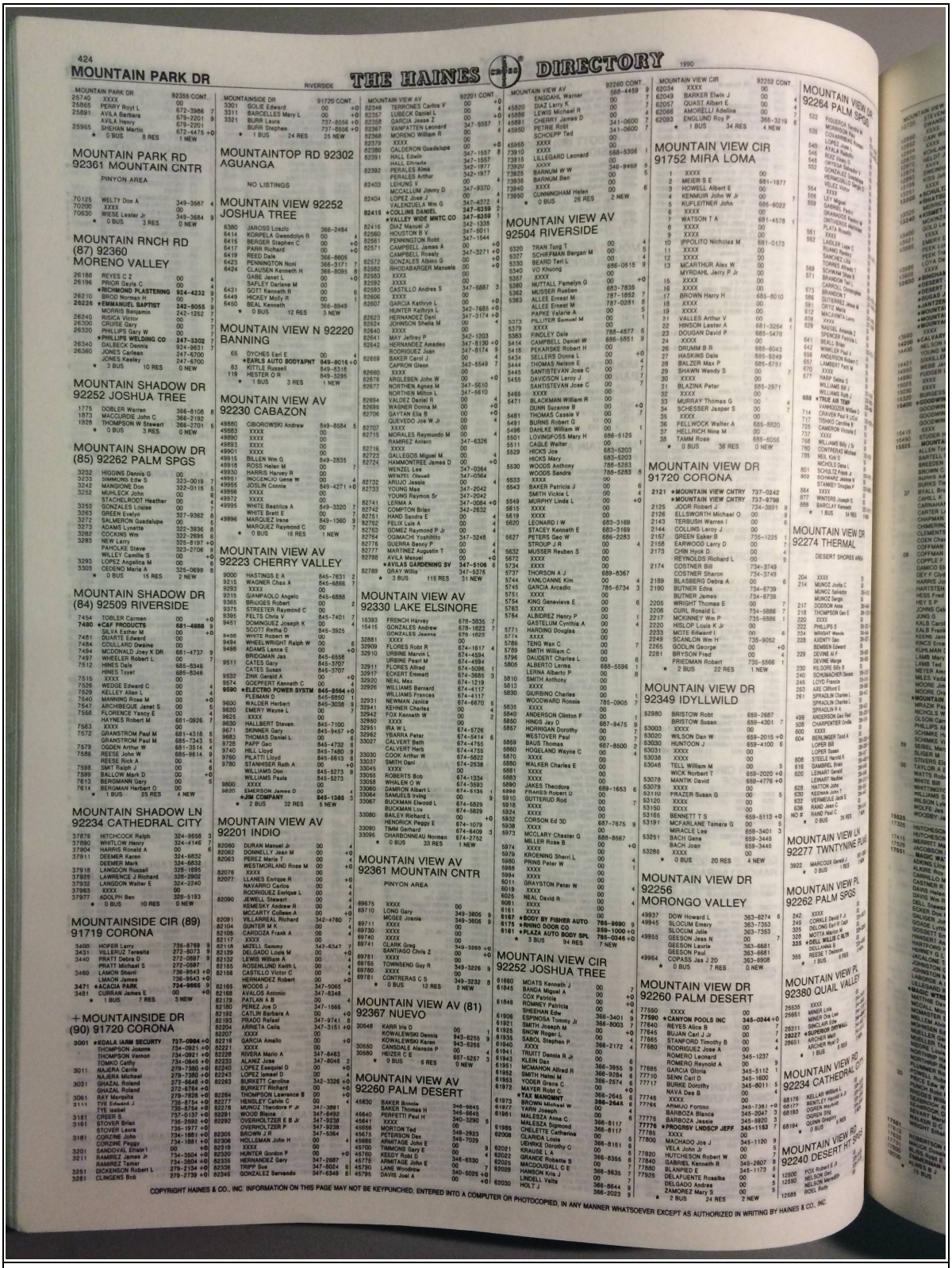
Haines 2004/05 (Oakland Hills)



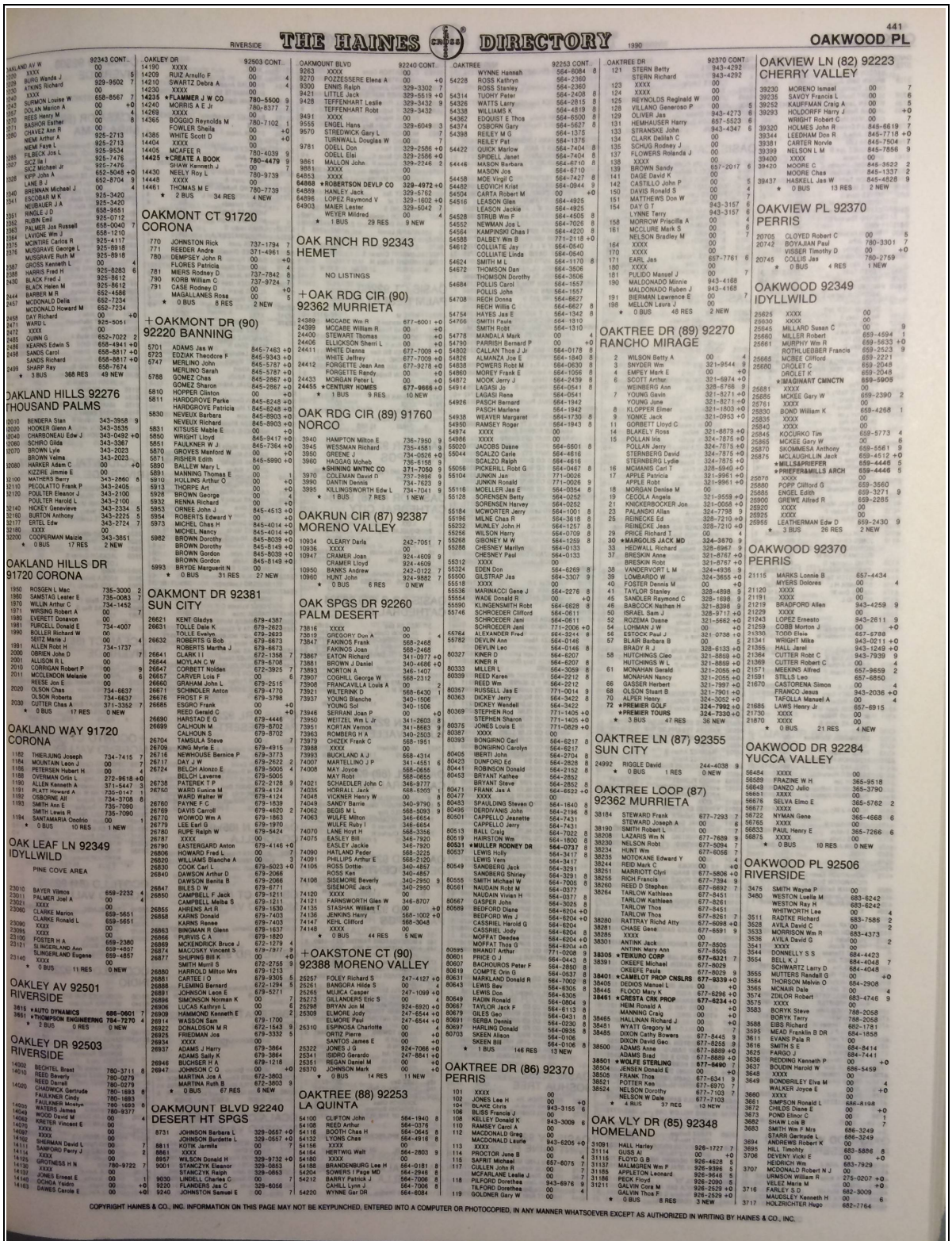
Haines 2000 (Mountain View)



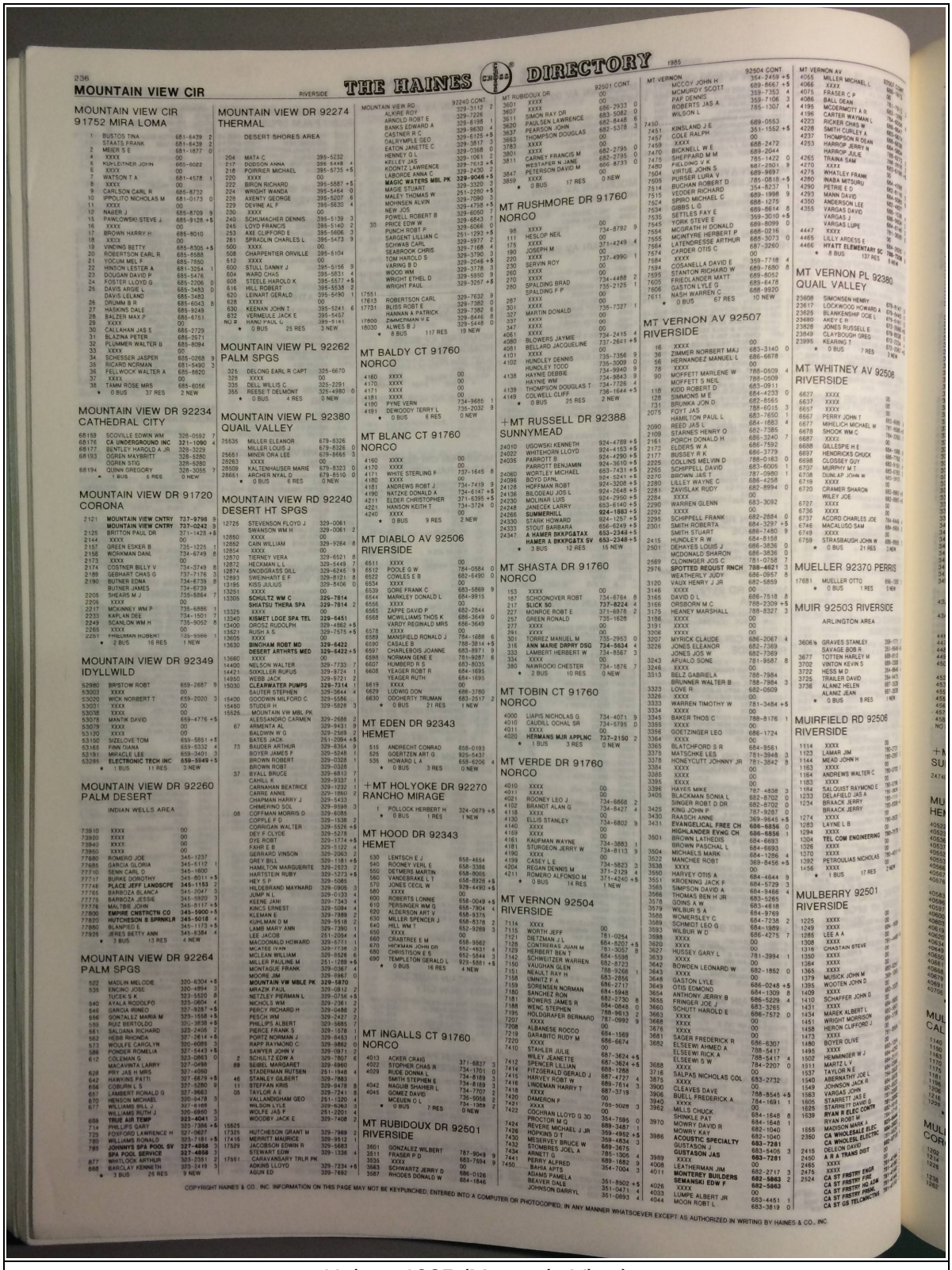
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Haines 1990 (Mountain View)

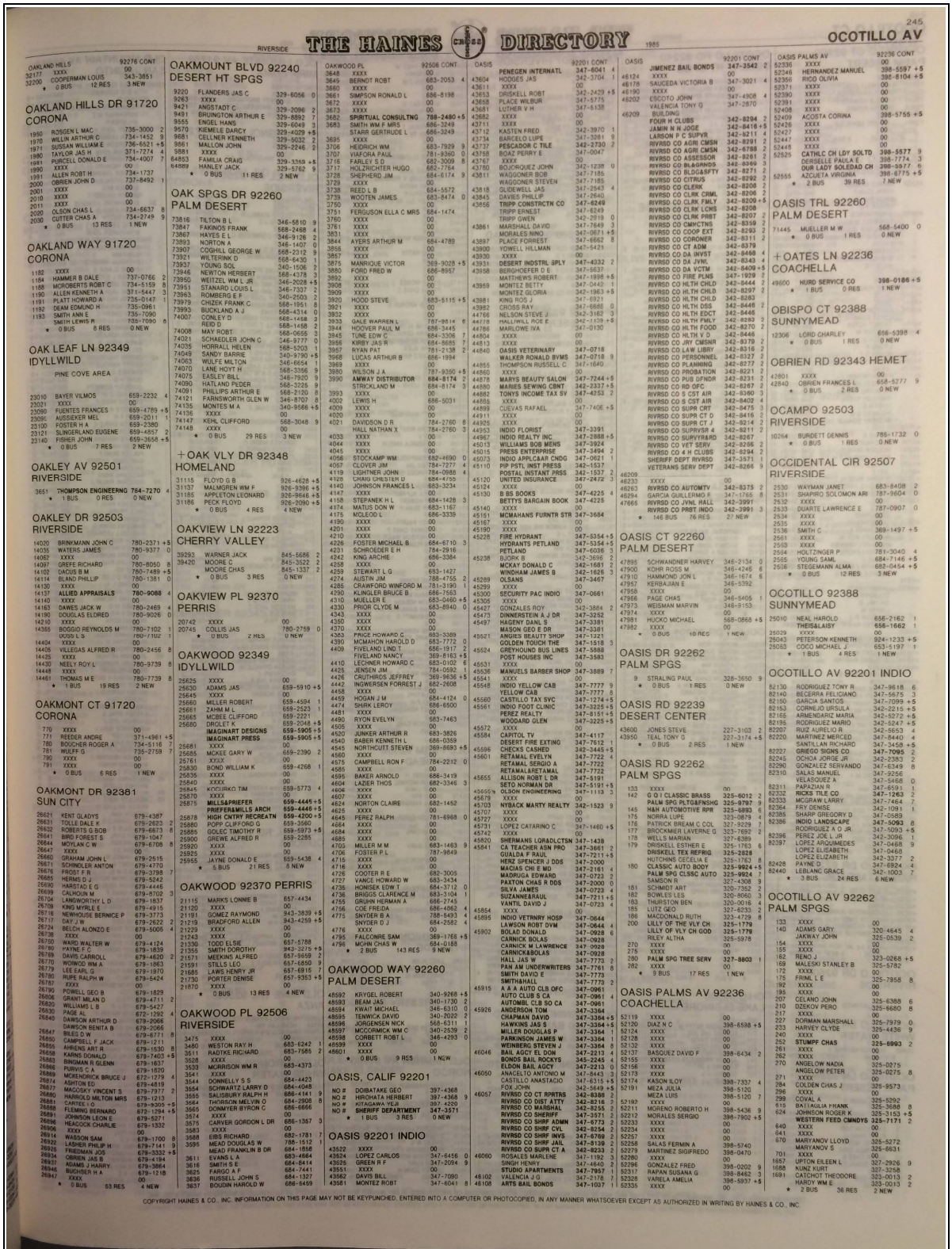


Haines 1990 (Oakland Hills)

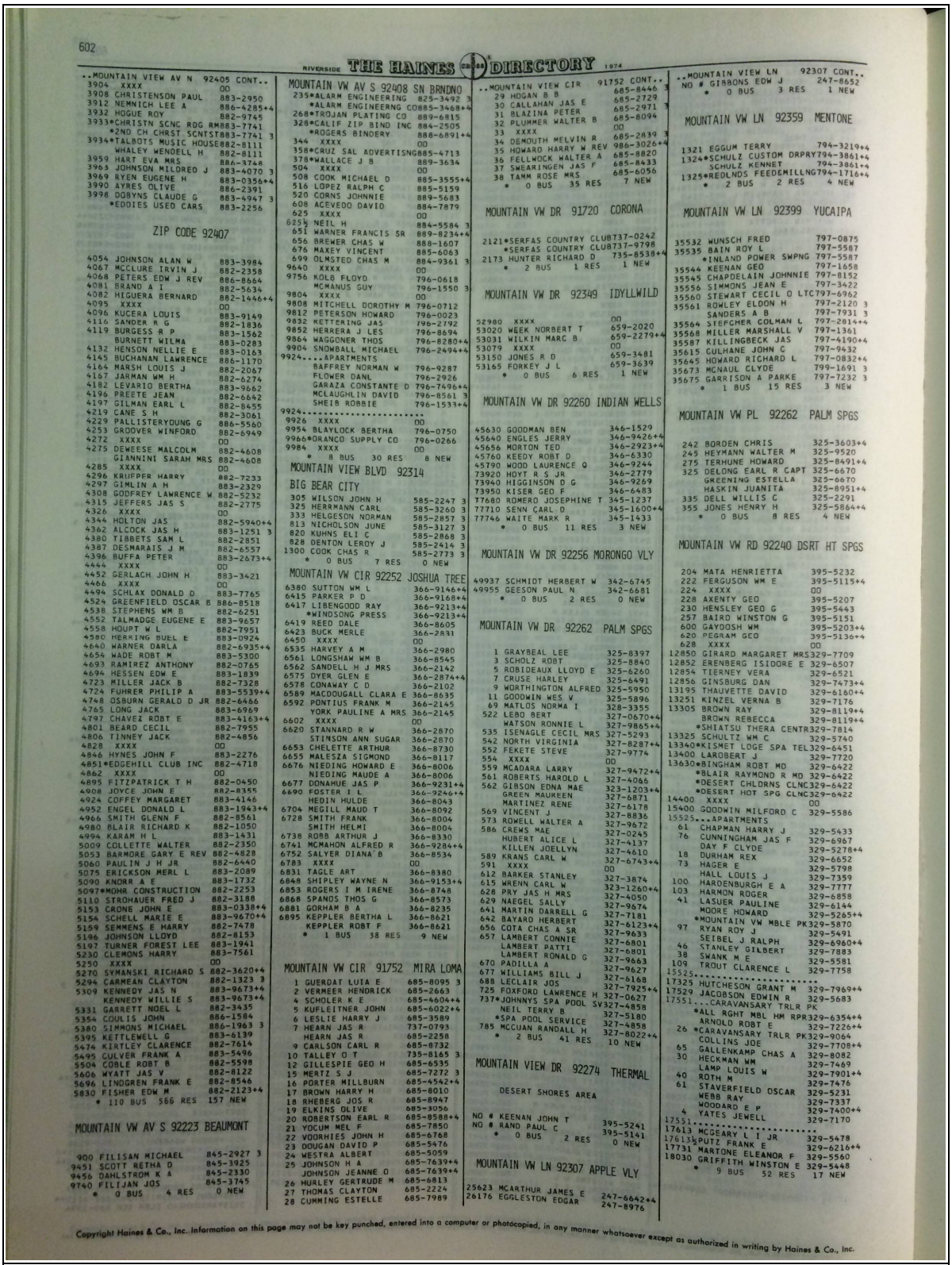


Haines 1985 (Mountain View)

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RIVERSIDE THE HAINES DIRECTORY 1974

..MOUNTAIN VIEW AV N 92405 CONT..
3904 XXXX 00
3908 CHRISTENSON PAUL 883-2950
3912 NEMNICH LEE A 886-4285+4
3932 HOGUE ROY 882-9745
3933*CHRISTN SCNC RDG RM883-7741
*2ND CH CHRST SCNTST883-7741 3
3934*TALBOTS MUSIC HOUSE882-8111
WHALEY WENDELL H 882-8111
3959 HART EVA MRS 886-3748
3963 JOHNSON MILDRED J 883-4070 3
3969 RYEN EUGENE H 883-0356+4
3990 AYRES OLIVE 886-2391
3998 DOBYNS CLAUDE G 883-4947 3
*EDDIES USED CARS 883-2256

ZIP CODE 92407

4054 JOHNSON ALAN W 883-3984
4067 MCCLURE IRVIN J 882-2358
4068 PETERS EDW J REV 886-8664
4081 BRAND A I 882-5634
4082 HIGUERA BERNARD 882-1446+4
4095 XXXX 00
4096 KUCERA LOUIS 883-9149
4116 SANDER R G 882-1836
4119 BURGESS R P 883-1562
BURNETT WILMA 883-0283
4132 HENSON NELLIE E 883-0163
4145 BUCHANAN LAWRENCE 886-1170
4166 MARSH LOUIS J 882-2067
4167 JARMAN WM H 882-6274
4182 LEVARIO BERTHA 883-9662
4196 PREETE JEAN 882-6642
4197 GILMAN EARL L 882-8455
4219 CANE S H 882-3061
4229 PALLISTERYOUNG G 886-5560
4253 GROOVER WINFORD 882-6949
4272 XXXX 00
4275 DEWEESE MALCOLM 882-4608
GIANNINI SARAH MRS 882-4608
4285 XXXX 00
4296 KRUPPER HARRY 882-7233
4297 GIMLIN A H 883-2329
4308 GODFREY LAWRENCE W 882-5232
4315 JEFFERS JAS S 882-2775
4326 XXXX 00
4344 HOLTON JAS 882-5940+4
4362 ALCOCK JAS H 883-1251 3
4380 TIBBETS SAM L 882-2851
4387 DESMARAIS J M 882-6557
4396 BUFFA PETER 883-2673+4
4444 XXXX 00
4452 GERLACH JOHN H 883-3421
4466 XXXX 00
4494 SCHLAX DONALD D 883-7765
4524 GREENFIELD OSCAR B 886-8518
4538 STEPHENS WM B 882-6251
4552 TALMADGE EUGENE E 883-9657
4558 HOUPT W L 882-7951
4580 HERKING BUEL E 883-0924
4640 WARNER DARLA 882-6935+4
4654 WADE ROBT M 883-5300
4693 RAMIREZ ANTHONY 882-0765
4694 HESSEN EDW E 883-1839
4723 MILLER JACK B 882-7328
4724 *FUHRER PHILIP A 883-5539+4
4748 OSBURN GERALD D JR 882-6466
4765 LONG JACK 883-6969
4797 CHAVEZ ROBT E 883-4163+4
4801 BEARD CECIL 882-7955
4806 TINNEY JACK 882-4856
4828 XXXX 00
4846 HYNES JOHN F 883-2276
4851*EDGEHILL CLUB INC 882-4718
4862 XXXX 00
4895 FITZPATRICK T H 882-0450
4908 JOYCE JOHN E 882-8355
4924 COFFEY MARGARET 883-4146
4952 ENGEL DONALD L 883-1963+4
4966 SMITH GLENN F 882-8561
4980 BLAIR RICHARD K 882-1050
4994 KARAM H L 883-1431
5009 COLLETTE WALTER 882-2350
5053 BARMORE GARY E REV 882-4828
5060 PAULIN J H JR 882-6440
5075 ERICKSON MERL L 883-2089
5090 KNORR A E 883-1732
5097*MOHR CONSTRUCTION 882-2253
5110 STROHAUER FRED J 882-3188
5153 CRONS JOHN E 883-0338+4
5154 SCHELL MARIE E 883-9670+4
5159 SEMMENS E HARRY 882-7478
5196 JOHNSON LLOYD 882-8153
5197 TURNER FOREST LEE 883-1941
5230 CLEMONS HARRY 883-7561
5250 XXXX 00
5270 SYMANSKI RICHARD S 882-3620+4
5294 CARMEAN CLAYTON 882-1323 3
5309 KENNEDY JAS N 883-9673+4
KENNEDY WILLIE S 883-9673+4
5331 GARRETT NOEL L 882-3435
5354 COULIS JOHN 886-1584
5380 SIMMONS MICHAEL 886-1963 3
5395 KETTLEWELL G 883-6139
5474 KIRTLEY CLARENCE 882-7614
5495 CULVER FRANK A 883-5496
5504 COBLE ROBT B 882-5598
5606 WYATT JAS V 882-8122
5696 LINDGREN FRANK E 882-8546
5830 FISHER EDW M 882-2123+4
* 110 BUS 566 RES 157 NEW

MOUNTAIN VW AV S 92223 BEAUMONT

900 FILISAN MICHAEL 845-2927 3
9451 SCOTT RETHA D 845-3925
9456 DAHLSTROM K A 845-2330
9740 FILIJAN JOS 845-3745
* 0 BUS 4 RES 0 NEW

MOUNTAIN VW AV S 92408 SN BRNDNO
235*ALARM ENGINEERING 825-3492 3
*ALARM ENGINEERNG CO885-3468+4
268*TROJAN PLATING CO 889-6815
328*CALIF ZIP BIND INC 884-2505
*ROGERS BINDERY 888-6891+4
344 XXXX 00
358*CRUZ SAL ADVERTISNG885-4713
378*WALLACE J B 889-3634
504 XXXX 00
508 COOK MICHAEL D 885-3555+4
516 LOPEZ RALPH C 885-5159
520 CORNS JOHNNIE 889-5683
608 ACEVEDO DAVID 884-7879
625 XXXX 00
625½ NEIL H 884-5584 3
651 WARNER FRANCIS SR 889-8234+4
656 BREWER CHAS W 888-1607
676 MAXEY VINCENT 885-6063
699 OLMSTED CHAS M 884-9361 3
9640 XXXX 00
9756 KOLB FLOYD 796-0618
MCMANUS GUY 796-1550 3
9804 XXXX 00
9808 MITCHELL DOROTHY M 796-0712
9812 PETERSON HOWARD 796-0023
9832 KETTERING JAS 796-2792
9852 HERRERA J LES 796-8694
9864 WAGGONER THOS 796-8280+4
9904 SNOWBALL MICHAEL 796-2494+4
9924....APARTMENTS
BAFFREY NORMAN W 796-9287
FLOWER DANL 796-2926
GARAZA CONSTANTE D 796-7496+4
MCLAUGHLIN DAVID 796-8561 3
SHEIB ROBBIE 796-1533+4
9924.....
9926 XXXX 00
9954 BLAYLOCK BERTHA 796-0750
9966*ORANCO SUPPLY CO 796-0266
9984 XXXX 00
* 8 BUS 30 RES 8 NEW

MOUNTAIN VIEW BLVD 92314

BIG BEAR CITY

305 WILSON JOHN H 585-2247 3
325 HERRMANN CARL 585-3260 3
333 HELGESON NORMAN 585-2857 3
813 NICHOLSON JUNE 585-3127 3
820 KUHNS ELI C 585-2868 3
828 DENTON LEROY J 585-2414 3
1300 COOK CHAS R 585-2773 3
* 0 BUS 7 RES 0 NEW

MOUNTAIN VW CIR 92252 JOSHUA TREE
6380 SUTTON WM L 366-9146+4
6415 PARKER P D 366-9168+4
6417 LIBENGOOD RAY 366-9213+4
*WINDSONG PRESS 366-9213+4
6419 REED DALE 366-8605
6423 BUCK MERLE 366-2831
6450 XXXX 00
6535 HARVEY A M 366-2980
6561 LONGSHAW WM B 366-8545
6562 SANDELL H J MRS 366-2142
6575 DYER GLEN E 366-2874+4
6578 CONAWAY C D 366-2102
6589 MACDOUGALL CLARA E 366-8635
6592 PONTIUS FRANK M 366-2145
YORK PAULINE A MRS 366-2145
6602 XXXX 00
6620 STANNARD R W 366-2870
STINSON ANN SUGAR 366-2870
6653 CHELETTE ARTHUR 366-8730
6655 MALESZA SIGMOND 366-8117
6676 NIEDING HOWARD E 366-8006
NIEDING MAUDE A 366-8006
6677 DONAHUE JAS P 366-9231+4
6690 FOSTER I L 366-9246+4
HEDIN HULDE 366-8043
6704 MEGILL MAUD T 366-8092
6728 SMITH FRANK 366-8004
SMITH HELMI 366-8004
6738 ROBB ARTHUR J 366-8330
6741 MCMAHON ALFRED R 366-9284+4
6752 SALYER DIANA B 366-8534
6783 XXXX 00
6831 TAGLE ART 366-8380
6848 SHIPLEY WAYNE N 366-9153+4
6853 ROGERS I M IRENE 366-8748
6868 SPANOS THOS G 366-8573
6881 GORHAM B A 366-8235
6895 KEPPLER BERTHA L 366-8621
KEPPLER ROBT F 366-8621
* 1 BUS 38 RES 9 NEW

MOUNTAIN VW CIR 91752 MIRA LOMA
1 GUERDAT LUIA E 685-8095 3
2 VERMEER HENDRICK 685-2663
4 SCHOLER K E 685-4604+4
5 KUFLEITNER JOHN 685-6022+4
6 LESLIE HARRY J 685-3589
7 HEARN JAS R 737-0793
HEARN JAS R 685-2258
9 CARLSON CARL R 685-8732
10 TALLEY O T 735-8165 3
12 GILLESPIE GEO H 685-6535
15 MERTZ S J 685-7272 3
16 PORTER MILLBURN 685-4542+4
17 BROWN HARRY H 685-8010
18 RHEBERG JOS R 685-8947
19 ELKINS OLIVE 685-3056
20 ROBERTSON EARL R 685-8588+4
21 YOCUM MEL F 685-7850
22 WOORHIES JOHN H 685-6768
23 DOUGAN DAVID P 685-5476
24 WESTRA ALBERT 685-5059
25 JOHNSON H A 685-7639+4
JOHNSON JEANNE O 685-7639+4
26 HURLEY GERTRUDE M 685-6813
27 THOMAS CLAYTON 685-2224
28 CUMMING ESTELLE 685-7989

..MOUNTAIN VIEW CIR 91752 CONT..
29 HOGAN B B 685-8446 3
30 GALLAHAN JAS E 685-2729
31 BLAZINA PETER 685-2971 3
32 PLUMMER WALTER B 685-8094
33 XXXX 00
34 DEMOUTH MELVIN R 685-2839 3
35 HOWARD HARRY W REV 986-3026+4
36 FELLWOCK WALTER A 685-8820
37 SWEARINGEN JAS F 685-8433
38 TAMM ROSE MRS 685-6056
* 0 BUS 35 RES 7 NEW

MOUNTAIN VW DR 91720 CORONA

2121*SERFAS COUNTRY CLUB737-0242
*SERFAS COUNTRY CLUB737-9798
2173 HUNTER RICHARD D 735-8538+4
* 2 BUS 1 RES 1 NEW

MOUNTAIN VW DR 92349 IDYLLWILD

52980 XXXX 00
53020 WEEK NORBERT T 659-2020
53031 WILKIN MARC B 659-2279+4
53079 XXXX 00
53150 JONES R D 659-3481
53165 FORKEY J L 659-3639
* 0 BUS 6 RES 1 NEW

MOUNTAIN VW DR 92260 INDIAN WELLS

45630 GOODMAN BEN 346-1529
45640 ENGLES JERRY 346-9626+4
45656 MORTON TED 346-2923+4
45760 KEEDY ROBT D 346-6330
45790 WOOD LAURENCE Q 346-9244
73920 HOYT R S JR 346-2779
73940 HIGGINSON D G 346-9269
73950 KISER GEO F 346-6483
77680 ROMERO JOSEPHINE T 345-1237
77710 SENN CARL D 345-1600+4
77746 WAITE MARK R 345-1433
* 0 BUS 11 RES 3 NEW

MOUNTAIN VW DR 92256 MORONGO VLY

49937 SCHMIDT HERBERT W 342-6745
49955 GEESON PAUL N 342-6681
* 0 BUS 2 RES 0 NEW

MOUNTAIN VW DR 92262 PALM SPGS

1 GRAYBEAL LEE 325-8397
3 SCHOLZ ROBT 325-8840
5 ROBIDEAUX LLOYD E 325-6260
7 CRUSE HARLEY 325-6491
9 WORTHINGTON ALFRED 325-5950
11 GOODWIN WES V 325-5896
69 MATLOS NORMA I 328-3355
522 LEBO BERT 327-0670+4
WATSON RONNIE L 327-9865+4
535 ISENAGLE CECIL MRS 327-5293
542 NORTH VIRGINIA 327-8287+4
552 FEKETE STEVE 327-9774
554 XXXX 00
559 MCADARA LARRY 327-9472+4
561 ROBERTS HAROLD L 327-4086
562 GIBSON EDNA MAE 323-1203+4
GREEN MAUREEN 327-6871
MARTINEZ RENE 327-6178
569 VINCENT J 327-8836
573 ROWELL WALTER A 327-9672
586 CREWS MAE 327-0245
HUBERT ALICE L 327-4137
KILLEN JOELLYN 327-4610
589 KRANS CARL W 327-6743+4
591 XXXX 00
612 BARKER STANLEY 327-3874
615 WRENN CARL W 323-1260+4
628 PRY JAS H MRS 327-4050
629 NAEGEL SALLY 327-9674
641 MARTIN DARRELL G 327-7181
642 BAYARD HERBERT 327-6123+4
656 COTA CHAS A SR 327-9633
657 LAMBERT CONNIE 327-6801
LAMBERT PATTI 327-6801
LAMBERT RONALD G 327-9663
670 PADILLA A 327-9627
677 WILLIAMS BILL J 327-6168
688 LECLAIR JOS 327-7925+4
725 FOXFORD LAWRENCE H 327-0627
737*JOHNNYS SPA POOL SV327-4858
NEIL TERRY B 327-5180
*SPA POOL SERVICE 327-4858
785 MCCUAN RANDALL H 327-8022+4
* 2 BUS 41 RES 10 NEW

MOUNTAIN VIEW DR 92274 THERMAL

DESERT SHORES AREA

NO # KEENAN JOHN T 395-5241
NO # RAND PAUL C 395-5141
* 0 BUS 2 RES 0 NEW

MOUNTAIN VW LN 92307 APPLE VLY

25623 MCARTHUR JAMES E 247-6642+4
26176 EGGLESTON EDGAR 247-8976

..MOUNTAIN VIEW LN 92307 CONT..
NO # GIBBONS EDW J 247-8652
* 0 BUS 3 RES 1 NEW

MOUNTAIN VW LN 92359 MENTONE

1321 EGGUM TERRY 794-3219+4
1324*SCHULZ CUSTOM DRPRY794-3861+4
SCHULZ KENNET 794-3861+4
1325*REDLNDS FEEDEMILLNG794-1716+4
* 2 BUS 2 RES 4 NEW

MOUNTAIN VW LN 92399 YUCAIPA

35532 WUNSCH FRED 797-0875
35535 BAIN ROY L 797-5587
*INLAND POWER SWPNG 797-5587
35544 KEENAN GEO 797-1658
35545 CHAPDELAIN JOHNNIE 797-8152
35556 SIMMONS JEAN E 797-3422
35560 STEWART CECIL O LTC797-6962
35561 ROWLEY ELDON H 797-2120 3
SANDERS A B 797-7931 3
35564 STEFCHER COLMAN L 797-2814+4
35568 MILLER MARSHALL V 797-1361
35587 KILLINGBECK JAS 797-4190+4
35615 CULHANE JOHN C 797-9432
35645 HOWARD RICHARD L 797-0832+4
35673 MCNAUL CLYDE 799-1691 3
35675 GARRISON A PARKE 797-7232 3
* 1 BUS 15 RES 3 NEW

MOUNTAIN VW PL 92262 PALM SPGS

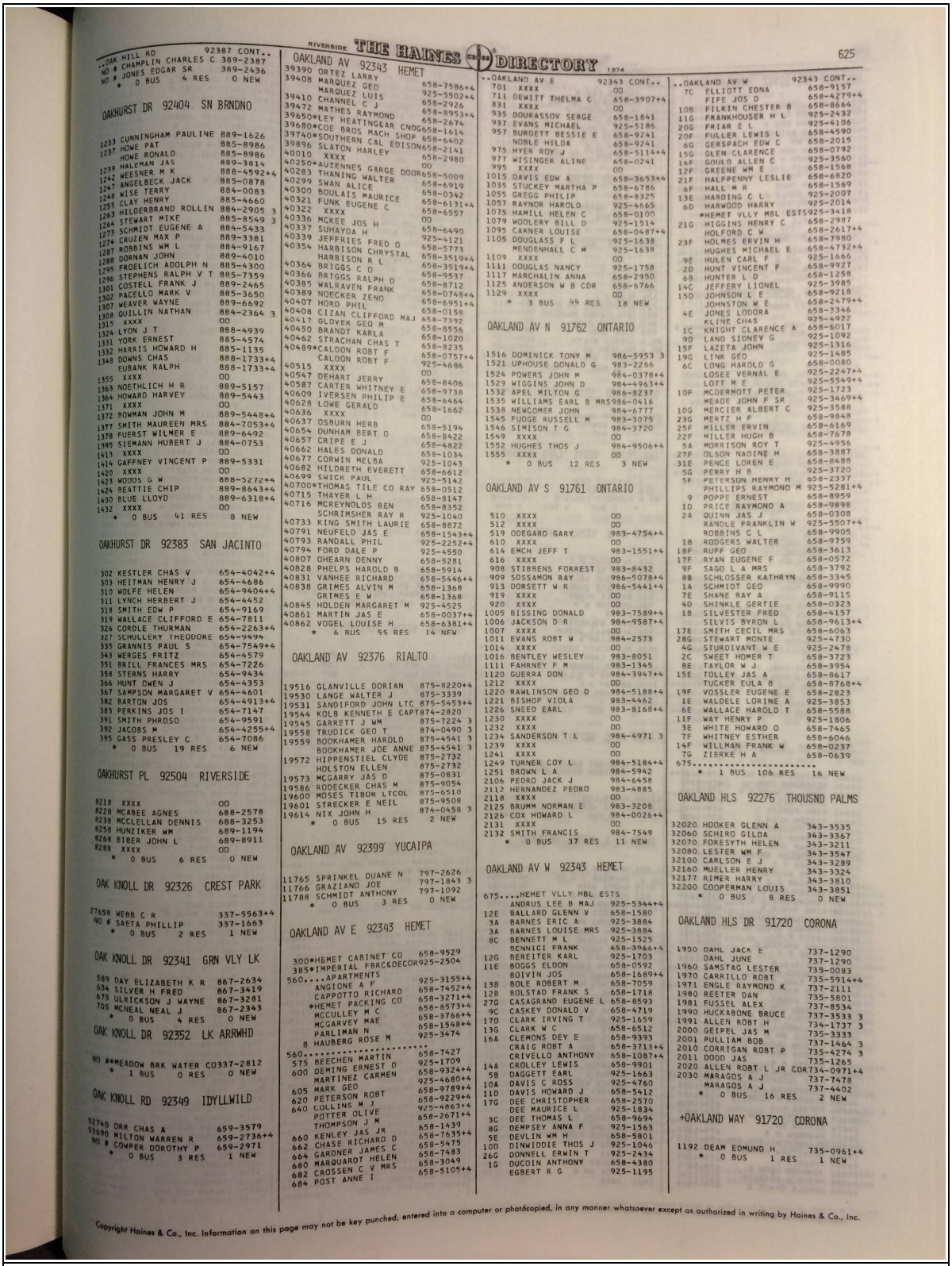
242 BORDEN CHRIS 325-3603+4
245 HEYMANN WALTER M 325-9520
275 TERHUNE HOWARD 325-8491+4
325 DELONG EARL R CAPT 325-6670
GREENING ESTELLA 325-6670
HASKIN JUANITA 325-8951+4
335 DELL WILLIS C 325-2291
355 JONES HENRY H 325-5864+4
* 0 BUS 8 RES 4 NEW

MOUNTAIN VW RD 92240 DSRT HT SPGS

204 MATA HENRIETTA 395-5232
222 FERGUSON WM E 395-5115+4
224 XXXX 00
228 AXENTY GEO 395-5207
230 HENSLEY GEO G 395-5443
257 BAIRD WINSTON G 395-5151
600 GAYOOSH WM 395-5203+4
620 PEGRAM GEO 395-5136+4
628 XXXX 00
12850 GIRARD MARGARET MRS329-7709
12852 ERENBERG ISIDORE E 329-6507
12854 TIERNEY VERA 329-6521
12856 GINSBURG DAN 329-7473+4
13195 THAUVETTE DAVID 329-6160+4
13251 KINZEL VERNA B 329-7176
13305 BROWN RAY 329-8119+4
BROWN REBECCA 329-8119+4
*SHIATSU THERA CENTR329-7814
13325 SCHULTZ WM C 329-5740
13340*KISMET LDGE SPA TEL329-6451
13400 LAROBERT J 329-7720
13630*BINGHAM ROBT MD 329-6422
*BLAIR RAYMOND R MD 329-6422
*DESERT CHLDRNS CLNC329-6422
*DESERT HOT SPG CLNC329-6422
14400 XXXX 00
15400 GOODWIN MILFORD C 329-5586
15525....APARTMENTS
61 CHAPMAN HARRY J 329-5433
76 CUNNINGHAM JAS F 329-6967
DAY F CLYDE 329-5278+4
18 DURHAM REX 329-6652
73 HAGER E 329-5798
HALL LOUIS J 329-7359
100 HARDENBURGH E A 329-7777
103 HARMON ROGER 329-6858
41 LASUER PAULINE 329-6144
MOORE HOWARD 329-5265+4
*MOUNTAIN VW MBLE PK329-5870
97 RYAN ROY J 329-5491
SEIBEL J RALPH 329-6960+4
46 STANLEY GILBERT 329-7883
38 SWANK M E 329-5581
109 TROUT CLARENCE L 329-7758
15525.....
17325 HUTCHESON GRANT M 329-7969+4
17529 JACOBSON EDWIN R 329-5683
17551....CARAVANSARY TRLR PK
*ALL RGHT MBL HM RPR329-6354+4
ARNOLD ROBT E 329-7226+4
26 *CARAVANSARY TRLR PK329-7064
COLLINS JOE 329-7708+4
65 GALLENKAMP CHAS A 329-8082
30 HECKMAN WM 329-7469
LAMP LOUIS W 329-7901+4
40 ROTH M 329-7476
61 STAVERFIELD OSCAR 329-5231
WEBB RAY 329-7337
WOODARD E P 329-7400+4
4 YATES JEWELL 329-7170
17551.....
17613 MCGEARY L I JR 329-5478
17613*PUTZ FRANK E 329-6216+4
17731 MARTONE ELEANOR F 329-5560
18030 GRIFFITH WINSTON E 329-5448
* 9 BUS 52 RES 17 NEW

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RIVERSIDE **THE HAINES DIRECTORY** 1974 — 625

OAKHURST DR 92404 SN BRNDNO

1233 CUNNINGHAM PAULINE 889-1626
1237 HOWE PAT 885-8986
HOWE RONALD 885-8986
1239 HALEMAN JAS 889-3814
1242 WEESNER M K 888-4592+4
1247 ANGELBECK JACK 885-0878
1248 WISE TERRY 884-0083
1255 CLAY HENRY 885-4660
1263 HILDERBRAND ROLLIN 884-2905 3
1264 STEWART MIKE 885-8549 3
1273 SCHMIDT EUGENE A 884-5433
1274 CRUZEN MAX P 889-3381
1287 ROBBINS WM L 884-9167
1288 DORNAN JOHN 889-4010
1295 FROELICH ADOLPH N 885-4300
1296 STEPHENS RALPH V T 885-7359
1301 COSTELL FRANK J 889-2465
1302 PACELLO MARK V 885-3650
1307 WEAVER WAYNE 889-6692
1308 QUILLIN NATHAN 884-2364 3
1315 XXXX OO
1324 LYON J T 888-4939
1331 YORK ERNEST 885-4574
1332 HARRIS HOWARD H 885-1135
1348 DOWNS CHAS 888-1733+4
EUBANK RALPH 888-1733+4
1355 XXXX OO
1363 NOETHLICH H R 889-5157
1364 HOWARD HARVEY 889-5443
1371 XXXX OO
1372 BOWMAN JOHN M 889-5448+4
1377 SMITH MAUREEN MRS 884-7053+4
1378 FUERST WILMER E 889-6492
1395 SIEMANN HUBERT J 884-0753
1413 XXXX OO
1414 GAFFNEY VINCENT P 889-5331
1420 XXXX OO
1423 WOODS G W 888-5272+4
1424 BEATTIE CHIP 889-8643+4
1430 BLUE LLOYD 889-6318+4
1432 XXXX OO
* 0 BUS 41 RES 8 NEW

OAKHURST DR 92383 SAN JACINTO

302 KESTLER CHAS V 654-4042+4
303 HEITMAN HENRY J 654-4686
310 WOLFE HELEN 654-9404+4
311 LYNCH HERBERT J 654-4452
318 SMITH EDW P 654-9169
319 WALLACE CLIFFORD E 654-7811
326 CORDLE THURMAN 654-2263+4
327 SCHULLERY THEODORE 654-9499
335 GRANNIS PAUL S 654-7549+4
343 WERGES FRITZ 654-4579
351 BRILL FRANCES MRS 654-7226
358 STERNS HARRY 654-9434
366 HUNT OWEN J 654-4353
367 SAMPSON MARGARET V 654-4601
382 BARTON JOS 654-9131+4
383 PERKINS JOS I 654-7147
391 SMITH PHROSO 654-9591
392 JACOBS M 654-4255+4
395 GASS PRESLEY C 654-7086
* 0 BUS 19 RES 6 NEW

OAKHURST PL 92504 RIVERSIDE

8218 XXXX OO
8228 MCABEE AGNES 688-2578
8238 MCCLELLAN DENNIS 688-3253
8258 HUNZIKER WM 689-1194
8268 BIBER JOHN L 689-8911
8288 XXXX OO
* 0 BUS 6 RES 0 NEW

OAK KNOLL DR 92326 CREST PARK

27658 WEBB C R 337-5563+4
NO # SAETA PHILLIP 337-1663
* 0 BUS 2 RES 1 NEW

OAK KNOLL DR 92341 GRN VLY LK

589 DAY ELIZABETH K R 867-2634
634 SILVER H FRED 867-3419
675 ULRICKSON J WAYNE 867-3281
705 MCNEAL NEAL J 867-2343
* 0 BUS 4 RES 0 NEW

OAK KNOLL DR 92352 LK ARRWHD

NO **MEADOW BRK WATER CO 337-2812
* 1 BUS 0 RES 0 NEW

OAK KNOLL RD 92349 IDYLLWILD

52740 ORR CHAS A 659-3579
53690 MILTON WARREN R 659-2736+4
NO # COWPER DOROTHY P 659-2971
* 0 BUS 3 RES 1 NEW

OAKLAND AV 92343 HEMET

39390 ORTEZ LARRY
39408 MARQUEZ GEO 658-7586+4
MARQUEZ LUIS 925-5502+4
39410 CHANNEL C J 658-2926
39472 MATHES RAYMOND 658-8953+4
39650*LEY HEATINGEAR CND 658-2674
39680*COE BROS MACH SHOP 658-1614
39740*SOUTHERN CAL EDISON 658-6402
39896 SLATON HARLEY 658-2141
40010 XXXX 658-2980
40250*AUZENNES GARGE DOOR OO
40283 THANING WALTER 658-5009
40299 SWAN ALICE 658-6919
40300 BOULAIS MAURICE 658-0342
40321 FUNK EUGENE C 658-6131+4
40322 XXXX 658-6557
40336 MCKEE JOS H OO
40337 SUHAYDA H 658-6490
40339 JEFFRIES FRED O 925-4121
40354 HARBISON CHRYSTAL 658-5773
HARBISON R L 658-3519+4
40364 BRIGGS C O 658-3519+4
40366 BRIGGS RALPH D 658-9537
40385 WALRAVEN FRANK 658-8712
40389 NOECKER ZENO 658-0748+4
40407 HORD PHIL 658-6951+4
40408 CIZAN CLIFFORD MAJ 658-0158
40417 GLOVER GEO M 658-7392
40450 BRANDT KARLA 658-8556
40462 STRACHAN CHAS T 658-1020
40489*CALDON ROBT F 658-8235
CALDON ROBT F 658-0757+4
40515 XXXX 925-4686
40547 DEHART JERRY OO
40587 CARTER WHITNEY E 658-8406
40609 IVERSEN PHILIP E 658-9738
40628 LOWE GERALD 658-6464
40636 XXXX 658-1662
40637 OSBURN HERB OO
40654 DUNHAM BERT O 658-5194
40657 CRIPE E J 658-8422
40662 HALES DONALD 658-4822
40677 CORWIN MELBA 658-1034
40682 HILDRETH EVERETT 925-1043
40699 SWICK PAUL 658-6612
40700*THOMAS TILE CO RAY 925-5142
40715 THAYER L H 658-0512
40716 MCREYNOLDS BEN 658-8147
SCHRIMSHER RAY R 658-8352
40733 KING SMITH LAURIE 925-1040
40791 NEUFELD JAS E 658-8872
40793 RANDALL PHIL 658-1543+4
40794 FORD DALE P 925-2252+4
40807 DHEARN DENNY 925-4550
40828 PHELPS HAROLD B 658-5281
40831 VANHEE RICHARD 658-5914
40838 GRIMES ALVIN M 658-5446+4
GRIMES E W 658-1368
40845 HOLDEN MARGARET M 658-1368
40861 MARTIN JAS E 925-4525
40862 VOGEL LOUISE H 658-0037+4
* 6 BUS 55 RES 14 NEW

OAKLAND AV 92376 RIALTO

19516 GLANVILLE DORIAN 875-8220+4
19530 LANGE WALTER J 875-3339
19531 SANDIFORD JOHN LTC 875-5453+4
19544 KOLB KENNETH E CAPT 874-2820
19545 GARRETT J WM 875-7224 3
19558 TRUDICK GEO T 874-0490 3
19559 BOOKHAMER HAROLD 875-4541 3
BOOKHAMER JOE ANNE 875-4541 3
19572 HIPPENSTIEL CLYDE 875-2732
HOLSTON ELLEN 875-2732
19573 MCGARRY JAS D 875-0831
19586 RODECKER CHAS M 875-9054
19600 MOSES TIBOR LTCOL 875-6510
19601 STRECKER E NEIL 875-9508
19614 NIX JOHN H 874-0458 3
* 0 BUS 15 RES 2 NEW

OAKLAND AV 92399 YUCAIPA

11765 SPRINKEL DUANE N 797-2626
11766 GRAZIANO JOE 797-1843 3
11788 SCHMIDT ANTHONY 797-1092
* 0 BUS 3 RES 0 NEW

OAKLAND AV E 92343 HEMET

300*HEMET CABINET CO 658-9529
385*IMPERIAL FBRC&DECOR 925-2504
560....APARTMENTS 925-3155+4
ANGIONE A F 658-7452+4
CAPPOTTO RICHARD 658-3271+4
*HEMET PACKING CO 658-8573+4
MCCULLEY M C 658-3766+4
MCGARVEY MAE 658-1548+4
PARLIMAN N 925-3474
8 HAUBERG ROSE M
560.....
575 BEECHEN MARTIN 658-7427
600 DEMING ERNEST D 925-1709
MARTINEZ CARMEN 658-9324+4
605 MARK GEO 925-4680+4
620 PETERSON ROBT 658-9789+4
640 COLLINS M J 658-9229+4
POTTER OLIVE 925-4863+4
THOMPSON J M 658-2671+4
660 KENLEY JAS JR 658-1439
662 CHASE RICHARD D 658-7635+4
664 GARDNER JAMES C 658-5475
680 MARQUARDT HELEN 658-7483
682 CROSSEN C V MRS 658-3049
684 POST ANNE I 658-5105+4

..OAKLAND AV E 92343 CONT..
701 XXXX OO
711 DEWITT THELMA C 658-3907+4
831 XXXX OO
935 DOURASSOV SERGE 658-1841
937 EVANS MICHAEL 925-5186
957 BURDETT BESSIE E 658-9241
NOBLE HILDA 658-9241
975 HYER ROY J 658-5114+4
977 WISINGER ALINE 658-0241
995 XXXX OO
1015 DAVIS EDW A 658-3653+4
1035 STUCKEY MARTHA P 658-6786
1055 GREGG PHILIP 658-8325
1057 RAYNOR HAROLD 925-4665
1075 HAMILL HELEN C 658-0100
1079 WOOLERY BILL D 925-1514
1095 CARNER LOUISE 658-0487+4
1105 DOUGLASS F L 925-1638
MENDENHALL C M 925-1638
1109 XXXX OO
1111 DOUGLAS NANCY 925-1758
1117 MARCHALIN ANNA 658-2950
1125 ANDERSON W B CDR 658-6766
1129 XXXX OO
* 3 BUS 44 RES 18 NEW

OAKLAND AV N 91762 ONTARIO

1516 DOMINICK TONY M 986-5953 3
1521 UPHOUSE DONALD G 983-2266
1524 POWERS JOHN M 984-037844
1529 WIGGINS JOHN D 984-496344
1532 APEL MILTON G 986-8237
1535 WILLIAMS EARL B MRS 986-0416
1538 NEWCOMER JOHN 984-6777
1545 FUDGE RUSSELL M 983-3075
1546 SIMISON T G 984-3720
1549 XXXX OO
1552 HUGHES THOS J 984-9506+4
1555 XXXX OO
* 0 BUS 12 RES 3 NEW

OAKLAND AV S 91761 ONTARIO

510 XXXX OO
512 XXXX OO
519 ODEGARD GARY 983-4754+4
610 XXXX OO
614 EMCH JEFF T 983-1551+4
616 XXXX OO
908 STIBBENS FORREST 983-8432
909 SOSSAMON RAY 986-5078+4
913 DORSETT W R 986-5441+4
919 XXXX OO
920 XXXX OO
1005 BISSING DONALD 983-7589+4
1006 JACKSON D R 984-9587+4
1007 XXXX OO
1011 EVANS ROBT W 984-2573
1014 XXXX OO
1016 BENTLEY WESLEY 983-8051
1111 FAHRNEY F M 983-1345
1120 GUERRA DON 984-3947+4
1212 XXXX OO
1220 RAWLINSON GEO D 984-5188+4
1221 BISHOP VIOLA 983-4462
1226 SNEED EARL 983-8168+4
1230 XXXX OO
1232 XXXX OO
1234 SANDERSON T L 984-4971 3
1239 XXXX OO
1241 XXXX OO
1249 TURNER COY L 984-5184+4
1251 BROWN L A 984-5942
2106 PEDRO JACK J 984-6658
2112 HERNANDEZ PEDRO 983-4885
2118 XXXX OO
2125 BRUMM NORMAN E 983-3208
2126 COX HOWARD L 984-0026+4
2131 XXXX OO
2132 SMITH FRANCIS 984-7549
* 0 BUS 37 RES 11 NEW

OAKLAND AV W 92343 HEMET

675....HEMET VLLY MBL ESTS
ANDRUS LEE B MAJ 925-5344+4
12E BALLARD GLENN V 658-1580
3A BARNES ERIC A 925-3884
3A BARNES LOUISE MRS 925-3884
8C BENNETT M L 925-1525
BENNIGI FRANK 658-3966+4
12G BEREITER KARL 925-1703
11E BOGGS ELDON 658-0592
BOIVIN JOS 658-1689+4
13B BOLE ROBERT M 658-7059
12B BOLSTAD FRANK S 658-1718
27G CASAGRAND EUGENE L 658-8593
9C CASKEY DONALD V 658-4719
17D CLARK IRVING T 925-1659
13G CLARK W C 658-6512
16A CLEMONS OEY E 658-9393
CRAIG ROBT A 658-3713+4
CRIVELLO ANTHONY 658-1087+4
14A CROLLEY LEWIS 658-9901
5B DAGGETT EARL 925-1663
10A DAVIS C ROSS 925-4760
11D DAVIS HOWARD J 658-5412
17G DEE CHRISTOPHER 658-2570
DEE MAURICE L 925-1834
3C DEE THOMAS L 658-9694
8G DEMPSEY ANNA F 925-1563
5E DEVLIN WM H 658-5801
10D DINWIDDIE THOS J 925-1046
26G DONNELL ERWIN T 925-2434
1G DUCOIN ANTHONY 658-4380
EGBERT R G 925-1195

..OAKLAND AV W 92343 CONT..
7C ELLIOTT EDNA 658-9157
FIFE JOS D 658-4279+4
10B FILKIN CHESTER B 658-8664
11G FRANKHOUSER H L 925-2432
20G FRIAR E L 925-4106
20F FULLER LEWIS L 658-4590
6G GERSPACH EDW C 658-2015
15G GLEN CLARENCE 658-0792
16F GOULD ALLEN C 925-3560
12F GREENE WM E 658-1568
21F HALFPENNY LESLIE 658-6820
6F HALL M R 658-1569
13E HARDING C L 925-2007
6D HARWOOD HARRY 925-2014
*HEMET VLLY MBL ESTS 925-3418
21G HIGGINS HENRY C 658-2987
HOLFORD C W 658-2617+4
23F HOLMES ERVIN H 658-7980
HUGHES MICHAEL E 658-4732+4
9E HULEN CARL F 925-1666
20 HUNT VINCENT F 658-9927
6B HUNTER L D 658-1258
14C JEFFERY LIONEL 925-3985
15D JOHNSON L E 658-9218
JOHNSTON W E 658-2479+4
4E JONES LODORA 658-3346
KLINE CHAS 925-4922
1C KNIGHT CLARENCE A 658-6017
9D LAND SIDNEY G 925-1092
15F LAZETA JOHN 925-1316
19G LINK GEO 925-1485
6C LONG HAROLD G 658-0080
LOSEE VERNAL E 925-2247+4
LOTT M E 925-5549+4
10F MCDERMOTT PETER 925-1723
MEADE JOHN F SR 925-3469+4
10G MERCIER ALBERT C 925-3588
23G MERTZ H F 658-9848
25F MILLER ERVIN 658-6169
22F MILLER HUGH B 658-7678
5A MORRISON ROY T 925-4956
27F OLSON NADINE H 658-3887
31E PENCE LOREN E 658-8488
5G PERRY H B 925-3720
5F PETERSON HENRY M 659-2337
PHILLIPS RAYMOND M 925-5281+4
9 POPPE ERNEST 658-8959
1D PRICE RAYMOND A 658-9898
2A QUINN JAS J 658-0308
RANDLE FRANKLIN W 925-5507+4
ROBBINS C L 658-9905
1B RODGERS WALTER 658-9759
18F RUFF GEO 658-3613
17F RYAN EUGENE F 658-0572
9F SAGE L A MRS 658-3792
8B SCHLOSSER KATHRYN 658-3345
1A SCHMIDT GEO 658-9990
7E SHANE RAY A 658-9115
4D SHINKLE GERTIE 658-0323
1B SILVESTER FRED 658-4157
SILVIS BYRON L 658-9613+4
17E SMITH CECIL MRS 658-6063
28G STEWART MONTE 925-4730
4G STUDIVANT W E 925-2478
2C SWEET HOMER T 658-3723
8E TAYLOR W J 658-3954
15E TOLLEY JAS A 658-8617
TUCKER EULA B 658-8768+4
19F VOSSLER EUGENE E 658-2823
1E WALDEE LORINE A 925-3853
6E WALLACE HAROLD T 658-5588
11F WAY HENRY P 925-1806
3E WHITE HOWARD O 658-7465
7F WHITNEY ESTHER 658-6046
14F WILLMAN FRANK W 658-0237
7G ZIERKE H A 658-0639
675.....
* 1 BUS 106 RES 16 NEW

OAKLAND HLS 92276 THOUSND PALMS

32020 HOOKER GLENN A 343-3535
32060 SCHIRO GILDA 343-3367
32070 FORESYTH HELEN 343-3211
32080 LESTER WM F 343-3547
32100 CARLSON E J 343-3289
32160 MUELLER HENRY 343-3324
32177 RIMER HARRY 343-3810
32200 COOPERMAN LOUIS 343-3851
* 0 BUS 8 RES 0 NEW

OAKLAND HLS DR 91720 CORONA

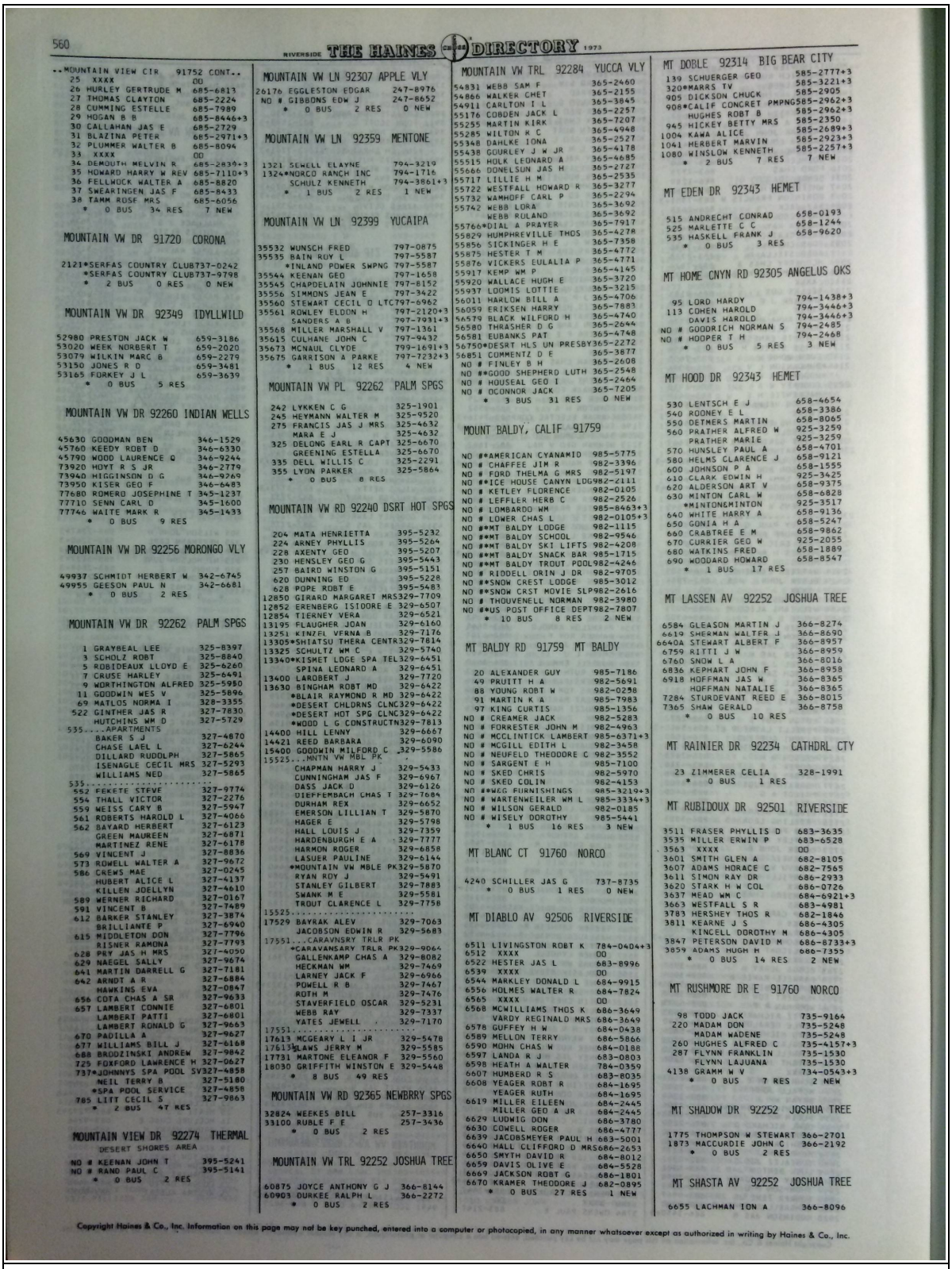
1950 DAHL JACK E 737-1290
DAHL JUNE 737-1290
1960 SAMSTAG LESTER 735-0083
1970 CARRILLO ROBT 735-5914+4
1971 ENGLE RAYMOND K 737-2111
1980 REETER DAN 735-5801
1981 FUSSEL ALEX 737-8534
1990 HUCKABONE BRUCE 737-3533 3
1991 ALLEN ROBT H 734-1737 3
2000 GEIPEL JAS M 735-3333
2001 PULLIAM BOB 737-1464 3
2010 CORRIGAN ROBT P 735-4274 3
2011 DODD JAS 735-1265
2020 ALLEN ROBT L JR CDR 734-0971+4
2030 MARAGOS A J 737-7678
MARAGOS A J 737-4402
* 0 BUS 16 RES 2 NEW

+OAKLAND WAY 91720 CORONA

1192 DEAM EDMUND H 735-0961+4
* 0 BUS 1 RES 1 NEW

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Haines 1974 (Oakland Hills)



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RIVERSIDE THE HAINES DIRECTORY 1973

--MOUNTAIN VIEW CIR 91752 CONT--
25 XXXX OO
26 HURLEY GERTRUDE M 685-6813
27 THOMAS CLAYTON 685-2224
28 CUMMING ESTELLE 685-7989
29 HOGAN B B 685-8446+3
30 CALLAHAN JAS E 685-2729
31 BLAZINA PETER 685-2971+3
32 PLUMMER WALTER B 685-8094
33 XXXX OO
34 DEMOUTH MELVIN R 685-2839+3
35 HOWARD HARRY W REV 685-7110+3
36 FELLWOCK WALTER A 685-8820
37 SWEARINGEN JAS F 685-8433
38 TAMM ROSE MRS 685-6056
* 0 BUS 34 RES 7 NEW

MOUNTAIN VW DR 91720 CORONA

2121*SERFAS COUNTRY CLUB737-0242
*SERFAS COUNTRY CLUB737-9798
* 2 BUS 0 RES 0 NEW

MOUNTAIN VW DR 92349 IDYLLWILD

52980 PRESTON JACK W 659-3186
53020 WEEK NORBERT T 659-2020
53079 WILKIN MARC B 659-2279
53150 JONES R D 659-3481
53165 FORKEY J L 659-3639
* 0 BUS 5 RES

MOUNTAIN VW DR 92260 INDIAN WELLS

45630 GOODMAN BEN 346-1529
45760 KEEDY ROBT D 346-6330
45790 WOOD LAURENCE Q 346-9244
73920 HOYT R S JR 346-2779
73940 HIGGINSON D G 346-9269
73950 KISER GEO F 346-6483
77680 ROMERO JOSEPHINE T 345-1237
77710 SENN CARL D 345-1600
77746 WAITE MARK R 345-1433
* 0 BUS 9 RES

MOUNTAIN VW DR 92256 MORONGO VLY

49937 SCHMIDT HERBERT W 342-6745
49955 GEESON PAUL N 342-6681
* 0 BUS 2 RES

MOUNTAIN VW DR 92262 PALM SPGS

1 GRAYBEAL LEE 325-8397
3 SCHOLZ ROBT 325-8840
5 ROBIDEAUX LLOYD E 325-6260
7 CRUSE HARLEY 325-6491
9 WORTHINGTON ALFRED 325-5950
11 GOODWIN WES V 325-5896
69 MATLOS NORMA I 328-3355
522 GINTHER JAS R 327-7830
HUTCHINS WM D 327-5729
535....APARTMENTS
BAKER S J 327-4870
CHASE LAEL L 327-6244
DILLARD RUDOLPH 327-5865
ISENAGLE CECIL MRS 327-5293
WILLIAMS NED 327-5865
535.....
552 FEKETE STEVE 327-9774
554 THALL VICTOR 327-2276
559 WEISS CARY B 327-5947
561 ROBERTS HAROLD L 327-4066
562 BAYARD HERBERT 327-6123
GREEN MAUREEN 327-6871
MARTINEZ RENE 327-6178
569 VINCENT J 327-8836
573 ROWELL WALTER A 327-9672
586 CREWS MAE 327-0245
HUBERT ALICE L 327-4137
KILLEN JOELLYN 327-4610
589 WERNER RICHARD 327-0167
591 VINCENT B 327-7489
612 BARKER STANLEY 327-3874
BRILLIANTE P 327-6940
615 MIDDLETON DON 327-7796
RISNER RAMONA 327-7793
628 PRY JAS H MRS 327-4050
629 NAEGEL SALLY 327-9674
641 MARTIN DARRELL G 327-7181
642 ARNDT A R 327-6884
HAWKINS EVA 327-0847
656 COTA CHAS A SR 327-9633
657 LAMBERT CONNIE 327-6801
LAMBERT PATTI 327-6801
LAMBERT RONALD G 327-9663
670 PADILLA A 327-9627
677 WILLIAMS BILL J 327-6168
688 BRODZINSKI ANDREW 327-9842
725 FOXFORD LAWRENCE H 327-0627
737*JOHNNYS SPA POOL SV327-4858
NEIL TERRY R 327-5180
*SPA POOL SERVICE 327-4858
785 LITT CECIL S 327-9863
* 2 BUS 47 RES

MOUNTAIN VIEW DR 92274 THERMAL
DESERT SHORES AREA

NO # KEENAN JOHN T 395-5241
NO # RAND PAUL C 395-5141
* 0 BUS 2 RES

MOUNTAIN VW LN 92307 APPLE VLY

26176 EGGLESTON EDGAR 247-8976
NO # GIBBONS EDW J 247-8652
* 0 BUS 2 RES 0 NEW

MOUNTAIN VW LN 92359 MENTONE

1321 SEWELL ELAYNE 794-3219
1324*NORCO RANCH INC 794-1716
SCHULZ KENNETH 794-3861+3
* 1 BUS 2 RES 1 NEW

MOUNTAIN VW LN 92399 YUCAIPA

35532 WUNSCH FRED 797-0875
35535 BAIN ROY L 797-5587
*INLAND POWER SWPNG 797-5587
35544 KEENAN GEO 797-1658
35545 CHAPDELAIN JOHNNIE 797-8152
35556 SIMMONS JEAN E 797-3422
35560 STEWART CECIL O LTC797-6962
35561 ROWLEY ELDON H 797-2120+3
SANDERS A B 797-7931+3
35568 MILLER MARSHALL V 797-1361
35615 CULHANE JOHN C 797-9432
35673 MCNAUL CLYDE 799-1691+3
35675 GARRISON A PARKE 797-7232+3
* 1 BUS 12 RES 4 NEW

MOUNTAIN VW PL 92262 PALM SPGS

242 LYKKEN C G 325-1901
245 HEYMANN WALTER M 325-9520
275 FRANCIS JAS J MRS 325-4632
MARA E J 325-4632
325 DELONG EARL R CAPT 325-6670
GREENING ESTELLA 325-6670
335 DELL WILLIS C 325-2291
355 LYON PARKER 325-5864
* 0 BUS 8 RES

MOUNTAIN VW RD 92240 DSRT HOT SPGS

204 MATA HENRIETTA 395-5232
224 ARNEY PHYLLIS 395-5264
228 AXENTY GEO 395-5207
230 HENSLEY GEO G 395-5443
257 BAIRD WINSTON G 395-5151
620 DUNNING ED 395-5228
628 POPE ROBT E 395-5483
12850 GIRARD MARGARET MRS329-7709
12852 ERENBERG ISIDORE E 329-6507
12854 TIERNEY VERA 329-6521
13195 FLAUGHER JOAN 329-6160
13251 KINZEL VERNA B 329-7176
13305*SHIATSU THERA CENTR329-7814
13325 SCHULTZ WM C 329-5740
13340*KISMET LDGE SPA TEL329-6651
SPINA LEONARD A 329-6451
13400 LAROBERT J 329-7720
13630 BINGHAM ROBT MD 329-6422
*BLAIR RAYMOND R MD 329-6422
*DESERT CHLDRNS CLNC329-6422
*DESERT HOT SPG CLNC329-6422
*WOOD L G CONSTRUCTN329-7813
14400 HILL LENNY 329-6667
14421 REED BARBARA 329-6090
15400 GOODWIN MILFORD C 329-5586
15525....MNTN VW MBL PK
CHAPMAN HARRY J 329-5433
CUNNINGHAM JAS F 329-6967
DASS JACK D 329-6126
DIEFFENBACH CHAS T 329-7684
DURHAM REX 329-6652
EMERSON LILLIAN T 329-5870
HAGER E 329-5798
HALL LOUIS J 329-7359
HARDENBURGH E A 329-7777
HARMON ROGER 329-6858
LASUER PAULINE 329-6144
*MOUNTAIN VW MBLE PK329-5870
RYAN ROY J 329-5491
STANLEY GILBERT 329-7883
SWANK M E 329-5581
TROUT CLARENCE L 329-7758
15525.....
17529 BAYRAK ALEV 329-7063
JACOBSON EDWIN R 329-5683
17551....CARAVNSRY TRLR PK
*CARAVANSARY TRLR PK329-9064
GALLENKAMP CHAS A 329-8082
HECKMAN WM 329-7469
LARNEY JACK F 329-6966
POWELL R B 329-7467
ROTH M 329-7476
STAVERFIELD OSCAR 329-5231
WEBB RAY 329-7337
YATES JEWELL 329-7170
17551.....
17613 MCGEARY L I JR 329-5478
17613*SLAWS JERRY M 329-5585
17731 MARTONE ELEANOR F 329-5560
18030 GRIFFITH WINSTON E 329-5448
* 8 BUS 49 RES

MOUNTAIN VW RD 92365 NEWBRRY SPGS

32824 WEEKES BILL 257-3316
33100 RUBLE F E 257-3436
* 0 BUS 2 RES

MOUNTAIN VW TRL 92252 JOSHUA TREE

60875 JOYCE ANTHONY G J 366-8144
60903 DURKEE RALPH L 366-2272
* 0 BUS 2 RES

MOUNTAIN VW TRL 92284 YUCCA VLY

54831 WEBB SAM F 365-2460
54866 WALKER CHET 365-2155
54911 CARLTON I L 365-3845
55176 COBDEN JACK L 365-2257
55255 MARTIN KIRK 365-7207
55285 WILTON R C 365-4948
55348 DAHLKE IONA 365-2527
55438 GOURLEY J W JR 365-4178
55515 HOLK LEONARD A 365-4685
55666 DONELSON JAS H 365-2727
55717 LILLIE H M 365-2535
55722 WESTFALL HOWARD R 365-3277
55732 WAMHOFF CARL P 365-2294
55742 WEBB LORA 365-3692
WEBB RULAND 365-3692
55766*DIAL A PRAYER 365-7917
55829 HUMPHREVILLE THOS 365-4278
55856 SICKINGER H E 365-7358
55875 HESTER T M 365-4772
55876 VICKERS EULALIA P 365-4771
55917 KEMP WM P 365-4145
55920 WALLACE HUGH E 365-3720
55937 LOOMIS LOTTIE 365-3215
56011 HARLOW BILL A 365-4706
56059 ERIKSEN HARRY 365-7883
56579 BLACK WILFORD H 365-4740
56580 THRASHER D G 365-2644
56581 EUBANKS PAT 365-4748
56750*DESRT HLS UN PRESBY365-2272
56851 COMMENTZ D E 365-3877
NO # FINLEY B H 365-2608
NO **GOOD SHEPHERD LUTH 365-2548
NO # HOUSEAL GEO I 365-2464
NO # OCONNOR JACK 365-7205
* 3 BUS 31 RES 0 NEW

MOUNT BALDY, CALIF 91759

NO **AMERICAN CYANAMID 985-5775
NO # CHAFFEE JIM R 982-3396
NO # FORD THELMA G MRS 982-5197
NO **ICE HOUSE CANYN LDG982-2111
NO # KETLEY FLORENCE 982-0105
NO # LEFFLER HERB C 982-2526
NO # LOMBARDO WM 985-8463+3
NO # LOWER CHAS L 982-0105+3
NO **MT BALDY LODGE 982-1115
NO **MT BALDY SCHOOL 982-9546
NO **MT BALDY SKI LIFTS 982-4208
NO **MT BALDY SNACK BAR 985-1715
NO **MT BALDY TROUT POOL982-4246
NO # RIDDELL ORIN J DR 982-9705
NO **SNOW CREST LODGE 985-3012
NO **SNOW CRST MOVIE SLP982-2616
NO # THOUVENELL NORMAN 982-3980
NO **US POST OFFICE DEPT982-7807
* 10 BUS 8 RES 2 NEW

MT BALDY RD 91759 MT BALDY

20 ALEXANDER GUY 985-7186
49 PRUITT H A 982-5691
88 YOUNG ROBT W 982-0238
91 MARTIN K A 985-7983
97 KING CURTIS 985-1356
NO # CREAMER JACK 982-5283
NO # FORRESTER JOHN M 982-4963
NO # MCCLINTICK LAMBERT 985-6371+3
NO # MCGILL EDITH L 982-3458
NO # NEUFELD THEODORE C 982-3552
NO # SARGENT E H 985-7100
NO # SKED CHRIS 982-5970
NO # SKED COLIN 982-4153
NO #**KG FURNISHINGS 985-3219+3
NO # WARTENWEILER WM L 985-3334+3
NO # WILSON GERALD 982-0185
NO # WISELY DOROTHY 985-5441
* 1 BUS 16 RES 3 NEW

MT BLANC CT 91760 NORCO

4240 SCHILLER JAS G 737-8735
* 0 BUS 1 RES 0 NEW

MT DIABLO AV 92506 RIVERSIDE

6511 LIVINGSTON ROBT K 784-0404+3
6512 XXXX OO
6522 HESTER JAS L 683-8996
6539 XXXX OO
6544 MARKLEY DONALD L 684-9915
6556 HOLMES WALTER R 684-7824
6565 XXXX OO
6568 MCWILLIAMS THOS K 686-3649
VARDY REGINALD MRS 686-3649
6578 GUFFEY H W 684-0438
6589 MELLON TERRY 686-5866
6590 MOHN CHAS W 684-0188
6597 LANDA R J 683-0803
6598 HEATH A WALTER 784-0359
6607 HUMBERD R S 683-8035
6608 YEAGER ROBT R 684-1695
YEAGER RUTH 684-1695
6619 MILLER EILEEN 684-2445
MILLER GEO A JR 684-2445
6629 LUDWIG DON 686-3780
6630 COWELL ROGER 686-4777
6639 JACOBSMEYER PAUL H 683-5001
6640 HALL CLIFFORD D MRS686-2653
6650 SMYTH DAVID R 684-8012
6659 DAVIS OLIVE E 684-5528
6669 JACKSON ROBT G 686-1801
6670 KRAMER THEODORE J 682-0895
* 0 BUS 27 RES 1 NEW

MT DOBLE 92314 BIG BEAR CITY

139 SCHUERGER GEO 585-2777+3
320*MARRS TV 585-3221+3
905 DICKSON CHUCK 585-2905
908*CALIF CONCRET PMPNG585-2962+3
HUGHES ROBT B 585-2962+3
945 HICKEY BETTY MRS 585-2350
1004 KAWA ALICE 585-2689+3
1041 HERBERT MARVIN 585-2923+3
1080 WINSLOW KENNETH 585-2257+3
* 2 BUS 7 RES 7 NEW

MT EDEN DR 92343 HEMET

515 ANDRECHT CONRAD 658-0193
525 MARLETTE C C 658-1244
535 HASKELL FRANK J 658-9620
* 0 BUS 3 RES

MT HOME CNYN RD 92305 ANGELUS OKS

95 LORD HARDY 794-1438+3
113 COHEN HAROLD 794-3446+3
DAVIS HAROLD 794-3446+3
NO # GOODRICH NORMAN S 794-2685
NO # HOOPER T H 794-2468
* 0 BUS 5 RES 3 NEW

MT HOOD DR 92343 HEMET

530 LENTSCH E J 658-4654
540 ROONEY E L 658-3386
550 DETMERS MARTIN 658-8065
560 PRATHER ALFRED W 925-3259
PRATHER MARIE 925-3259
570 HUNSLEY PAUL A 658-4701
580 HELMS CLARENCE J 658-9121
600 JOHNSON P A 658-1555
610 CLARK EDWIN H 925-3425
620 ALDERSON ART V 658-9375
630 MINTON CARL W 658-6828
*MINTON&MINTON 925-3517
640 WHITE HARRY A 658-9136
650 GONIA H A 658-5247
660 CRABTREE E M 658-9862
670 CURRIER GEO W 925-2055
680 WATKINS FRED 658-1889
690 WOODARD HOWARD 658-8547
* 1 BUS 17 RES

MT LASSEN AV 92252 JOSHUA TREE

6584 GLEASON MARTIN J 366-8274
6619 SHERMAN WALTER J 366-8690
6640A STEWART ALBERT F 366-8957
6759 RITTI J W 366-8959
6760 SNOW L A 366-8016
6836 KEPHART JOHN F 366-8958
6918 HOFFMAN JAS W 366-8365
HOFFMAN NATALIE 366-8365
7284 STURDEVANT REED E 366-8015
7365 SHAW GERALD 366-8758
* 0 BUS 10 RES

MT RAINIER DR 92234 CATHDRL CTY

23 ZIMMERER CELIA 328-1991
* 0 BUS 1 RES

MT RUBIDOUX DR 92501 RIVERSIDE

3511 FRASER PHYLLIS D 683-3635
3535 MILLER ERWIN P 683-6528
3563 XXXX OO
3601 SMITH GLEN A 682-8105
3607 ADAMS HORACE C 682-7565
3611 SIMON RAY DR 686-2933
3620 STARK H W COL 686-0726
3637 MEAD WM C 684-6921+3
3663 WESTFALL S R 683-4981
3783 HERSHEY THOS R 682-1846
3811 KEARNE J S 686-4305
KINCELL DOROTHY M 686-4305
3847 PETERSON DAVID M 686-8733+3
3859 ADAMS HUGH M 686-7355
* 0 BUS 14 RES 2 NEW

MT RUSHMORE DR E 91760 NORCO

98 TODD JACK 735-9164
220 MADAM DON 735-5248
MADAM WADENE 735-5248
260 HUGHES ALFRED C 735-4157+3
287 FLYNN FRANKLIN 735-1530
FLYNN LAJUANA 735-1530
4138 GRAMM W V 734-0543+3
* 0 BUS 7 RES 2 NEW

MT SHADOW DR 92252 JOSHUA TREE

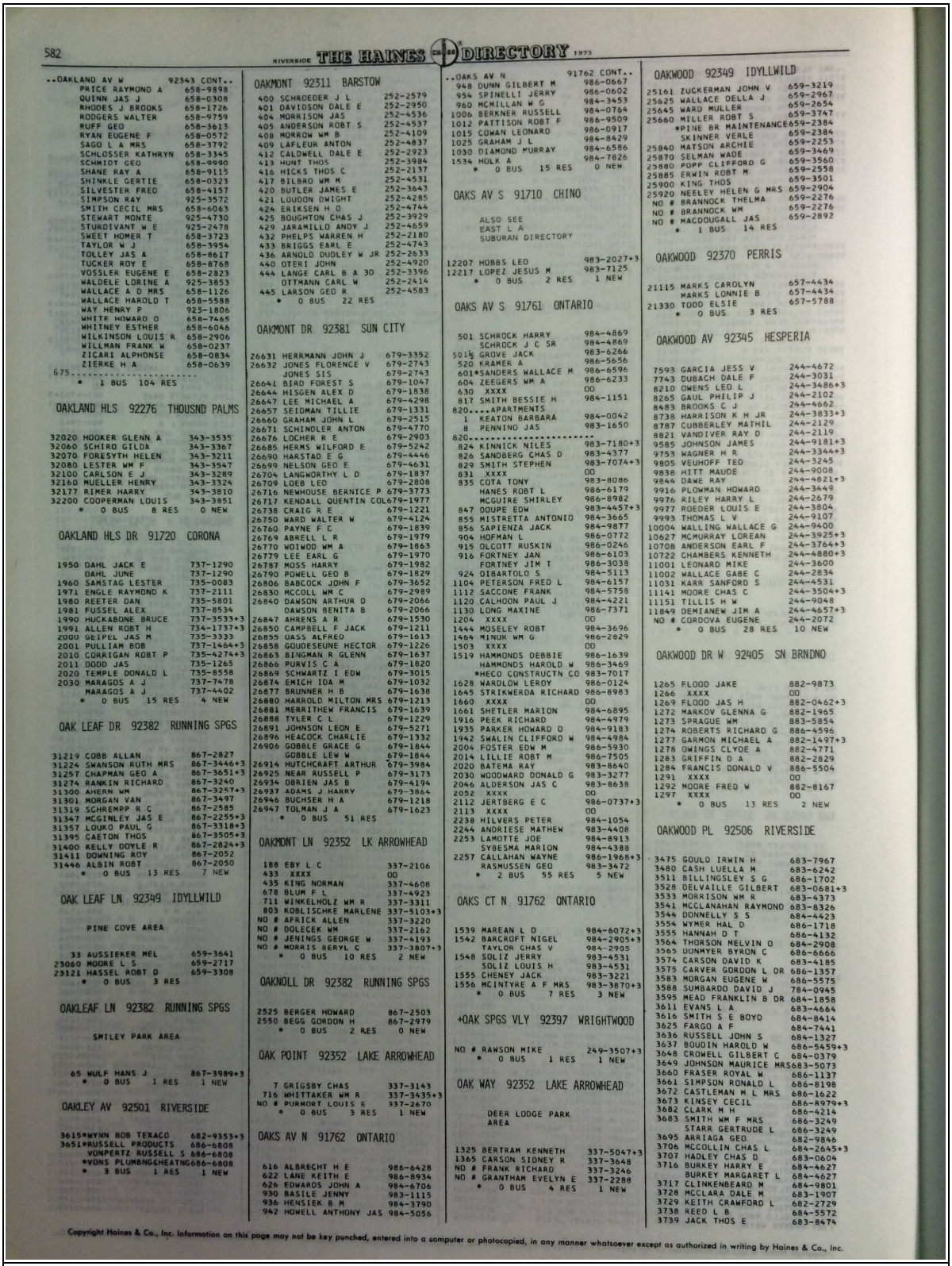
1775 THOMPSON W STEWART 366-2701
1873 MACCURDIE JOHN C 366-2192
* 0 BUS 2 RES

MT SHASTA AV 92252 JOSHUA TREE

6655 LACHMAN ION A 366-8096

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Haines 1973 (Mountain View)



582 RIVERSIDE THE HAINES DIRECTORY 1973

..OAKLAND AV W 92343 CONT..
PRICE RAYMOND A 658-9898
QUINN JAS J 658-0308
RHODES J BROOKS 658-1726
RODGERS WALTER 658-9759
RUFF GEO 658-3613
RYAN EUGENE F 658-0572
SAGO L A MRS 658-3792
SCHLOSSER KATHRYN 658-3345
SCHMIDT GEO 658-9990
SHANE RAY A 658-9115
SHINKLE GERTIE 658-0323
SILVESTER FRED 658-4157
SIMPSON RAY 925-3572
SMITH CECIL MRS 658-6063
STEWART MONTE 925-4730
STURDIVANT W E 925-2478
SWEET HOMER T 658-3723
TAYLOR W J 658-3954
TOLLEY JAS A 658-8617
TUCKER ROY E 658-8768
VOSSLER EUGENE E 658-2823
WALDELE LORINE A 925-3853
WALLACE A D MRS 658-1126
WALLACE HAROLD T 658-5588
WAY HENRY P 925-1806
WHITE HOWARD O 658-7465
WHITNEY ESTHER 658-6046
WILKINSON LOUIS R 658-2906
WILLMAN FRANK W 658-0237
ZICARI ALPHONSE 658-0834
ZIERKE H A 658-0639
675.....
* 1 BUS 104 RES

OAKLAND HLS 92276 THOUSND PALMS

32020 HOOKER GLENN A 343-3535
32060 SCHIRO GILDA 343-3367
32070 FORESYTH HELEN 343-3211
32080 LESTER WM F 343-3547
32100 CARLSON E J 343-3289
32160 MUELLER HENRY 343-3324
32177 RINER HARRY 343-3810
32200 COOPERMAN LOUIS 343-3851
* 0 BUS 8 RES 0 NEW

OAKLAND HLS DR 91720 CORONA

1950 DAHL JACK E 737-1290
DAHL JUNE 737-1290
1960 SAMSTAG LESTER 735-0083
1971 ENGLE RAYMOND K 737-2111
1980 REETER DAN 735-5801
1981 FUSSEL ALEX 737-8534
1990 HUCKABONE BRUCE 737-3533+3
1991 ALLEN ROBT H 734-1737+3
2000 GEIPEL JAS M 735-3333
2001 PULLIAM BOB 737-1464+3
2010 CORRIGAN ROBT P 735-4274+3
2011 DODD JAS 735-1265
2020 TEMPLE DONALD L 735-8558
2030 MARAGOS A J 737-7478
MARAGOS A J 737-4402
* 0 BUS 15 RES 4 NEW

OAK LEAF DR 92382 RUNNING SPGS

31219 COBB ALLAN 867-2827
31224 SWANSON RUTH MRS 867-3446+3
31257 CHAPMAN GEO A 867-3651+3
31274 RANKIN RICHARD 867-3240
31300 AHERN WM 867-3257+3
31301 MORGAN VAN 867-3497
31319 SCHREMPP R C 867-2585
31347 MCGINLEY JAS E 867-2255+3
31357 LOUKO PAUL G 867-3318+3
31395 CAETON THOS 867-3505+3
31400 KELLY DOYLE R 867-2824+3
31411 DOWNING ROY 867-2052
31446 ALBIN ROBT 867-2050
* 0 BUS 13 RES 7 NEW

OAK LEAF LN 92349 IDYLLWILD

PINE COVE AREA

33 AUSSIEKER MEL 659-3641
23060 MOORE L S 659-2717
23121 HASSEL ROBT D 659-3308
* 0 BUS 3 RES

OAKLEAF LN 92382 RUNNING SPGS

SMILEY PARK AREA

65 WULF HANS J 867-3989+3
* 0 BUS 1 RES 1 NEW

OAKLEY AV 92501 RIVERSIDE

3615*WYNN BOB TEXACO 682-9353+3
3651*RUSSELL PRODUCTS 686-6808
VONPERTZ RUSSELL S 686-6808
*VONS PLUMBNG&HEATNG686-6808
* 3 BUS 1 RES 1 NEW

OAKMONT 92311 BARSTOW

400 SCHROEDER J L 252-2579
401 DAVIDSON DALE E 252-2950
404 MORRISON JAS 252-4536
405 ANDERSON ROBT S 252-4537
408 MORROW WM B 252-4109
409 LAFLEUR ANTON 252-4837
412 CALDWELL DALE E 252-2923
413 HUNT THOS 252-3984
416 HICKS THOS C 252-2137
417 BILBAO WM M 252-4531
420 BUTLER JAMES E 252-3643
421 LOUDON DWIGHT 252-4285
424 ERIKSEN H O 252-4744
425 BOUGHTON CHAS J 252-3929
429 JARAMILLO ANDY J 252-4659
432 PHELPS WARREN H 252-2180
433 BRIGGS EARL E 252-4743
436 ARNOLD DUDLEY W JR 252-2633
440 OTERI JOHN 252-4920
444 LANGE CARL B A 3D 252-3396
OTTMANN CARL W 252-2414
445 LARSON GEO R 252-4583
* 0 BUS 22 RES

OAKMONT DR 92381 SUN CITY

26631 HERRMANN JOHN J 679-3352
26632 JONES FLORENCE V 679-2743
JONES SIS 679-2743
26641 BIRD FOREST S 679-1047
26644 HISGEN ALEX D 679-1838
26647 LEE MICHAEL A 679-4298
26657 SEIDMAN TILLIE 679-1331
26660 GRAHAM JOHN L 679-2515
26671 SCHINDLER ANTON 679-4770
26676 LOCHER R E 679-2903
26685 HERMS WILFORD E 679-5242
26690 HARSTAD E G 679-4446
26699 NELSON GEO E 679-4631
26704 LANGWORTHY L D 679-1837
26709 LOEB LEO 679-2808
26716 NEWHOUSE BERNICE P 679-3773
26717 KENDALL QUENTIN COL679-1977
26738 CRAIG R E 679-1221
26750 WARD WALTER W 679-4124
26760 PAYNE F C 679-1839
26769 ABRELL L R 679-1979
26770 HOIWOD WM A 679-1863
26779 LEE EARL G 679-1970
26787 MOSS HARRY 679-1982
26790 POWELL GEO B 679-1829
26806 BABCOCK JOHN F 679-3652
26830 MCCOLL WM C 679-2989
26840 DAWSON ARTHUR D 679-2066
DAWSON BENITA B 679-2066
26847 AHRENS A R 679-1530
26850 CAMPBELL F JACK 679-1211
26855 GASS ALFRED 679-1613
26858 GOUDESEUNE HECTOR 679-1226
26863 BINGMAN R GLENN 679-1637
26866 PURVIS C A 679-1820
26869 SCHWARTZ I EDW 679-3015
26874 EMICH IDA M 679-1032
26877 BRUNNER H B 679-1638
26880 HARROLD MILTON MRS 679-1213
26881 MERRITHEW FRANCIS 679-1639
26888 TYLER C L 679-1229
26891 JOHNSON LEON E 679-5271
26896 HEACOCK CHARLIE 679-1332
26906 GOBBLE GRACE G 679-1846
GOBBLE LEW W 679-1844
26914 HUTCHCRAFT ARTHUR 679-3984
26925 NEAR RUSSELL P 679-3173
26934 OBRIEN JAS B 679-4194
26937 ADAMS J HARRY 679-3805
26946 BUCHSER H A 679-1218
26947 TOLMAN J A 679-1623
* 0 BUS 51 RES

OAKMONT LN 92352 LK ARROWHEAD

188 EBY L C 337-2106
433 XXXX 00
435 KING NORMAN 337-4608
678 BLUM F L 337-4923
711 WINKELHOLZ WM R 337-3311
803 KOBLISCHKE MARLENE 337-5103+3
NO # AFRICK ALLEN 337-3220
NO # DOLECEK WM 337-2162
NO # JENINGS GEORGE W 337-4193
NO # MORRIS BERYL C 337-3807+3
* 0 BUS 10 RES 2 NEW

OAKNOLL DR 92382 RUNNING SPGS

2525 BERGER HOWARD 867-2503
2550 BEGG GORDON H 867-2979
* 0 BUS 2 RES 0 NEW

OAK POINT 92352 LAKE ARROWHEAD

7 GRIGSBY CHAS 337-3143
716 WHITTAKER WM R 337-3435+3
NO # PURMORT LOUIS E 337-2670
* 0 BUS 3 RES 1 NEW

OAKS AV N 91762 ONTARIO

616 ALBRECHT H E 986-6428
622 LANE KEITH E 986-8934
626 EDWARDS JOHN A 984-6706
930 BASILE JENNY 983-1115
936 HENSIEK B H 984-3790
942 HOWELL ANTHONY JAS 984-5056

..OAKS AV N 91762 CONT..
948 DUNN GILBERT M 986-0667
954 SPINELLI JERRY 986-0602
960 MCMILLAN W G 984-3453
1006 BERKNER RUSSELL 984-0764
1012 PATTISON ROBT F 986-9509
1015 COWAN LEONARD 986-0917
1025 GRAHAM J L 984-8429
1030 DIAMOND MURRAY 984-6586
1534 HOLK A 984-7826
* 0 BUS 15 RES 0 NEW

OAKS AV S 91710 CHINO

ALSO SEE
EAST L A
SUBURAN DIRECTORY

12207 HOBBS LEO 983-2027+3
12217 LOPEZ JESUS M 983-7125
* 0 BUS 2 RES 1 NEW

OAKS AV S 91761 ONTARIO

501 SCHROCK HARRY 984-4869
SCHROCK J C SR 984-4869
501½ GROVE JACK 983-6266
520 KRAMER A 986-5656
601*SANDERS WALLACE M 986-6596
604 ZEEGERS WM A 986-6233
630 XXXX 00
817 SMITH BESSIE H 984-1151
820....APARTMENTS
1 KEATON BARBARA 984-0042
8 PENNINO JAS 983-1650
820.....
824 KINNICK NILES 983-7180+3
826 SANDBERG CHAS D 983-4377
829 SMITH STEPHEN 983-7074+3
831 XXXX 00
835 COTA TONY 983-8086
HANES ROBT L 986-6179
MCGUIRE SHIRLEY 986-8982
847 DOUPE EDW 983-4457+3
855 MISTRETTA ANTONIO 984-3665
856 SAPIENZA JACK 984-9877
904 HOFMAN L 986-0772
915 OLCOTT RUSKIN 986-0246
916 FORTNEY JAN 986-6103
FORTNEY JIM T 986-3038
924 DIBARTOLO S 984-5113
1104 PETERSON FRED L 984-6157
1112 SACCONE FRANK 984-5758
1120 CALHOON PAUL J 984-4221
1130 LONG MAXINE 986-7371
1204 XXXX 00
1444 MOSELEY ROBT 984-3696
1464 MINUK WM G 986-2829
1503 XXXX 00
1519 HAMMONDS DEBBIE 986-1639
HAMMONDS HAROLD W 986-3469
*HECO CONSTRUCTN CO 983-7017
1628 WARDLOW LEROY 986-0124
1645 STRIKWERDA RICHARD 986-8983
1660 XXXX 00
1661 SHETLER MARION 984-6895
1916 PEEK RICHARD 984-4979
1935 PARKER HOWARD O 984-9183
1942 SWALIN CLIFFORD W 984-4984
2004 FOSTER EDW M 986-5930
2014 LILLIE ROBT M 986-7505
2020 BATEMA RAY 983-8640
2030 WOODWARD DONALD G 983-3277
2046 ALDERSON JAS C 983-8638
2052 XXXX 00
2112 JERTBERG E C 986-0737+3
2113 XXXX 00
2238 HILVERS PETER 984-1054
2244 ANDRIESE MATHEW 983-4408
2253 LAMOTTE JOE 984-8913
SYBESMA MARION 984-4388
2257 CALLAHAN WAYNE 986-1968+3
RASMUSSEN GEO 983-3472
* 2 BUS 55 RES 5 NEW

OAKS CT N 91762 ONTARIO

1539 MAREAN L D 984-6072+3
1542 BARCROFT NIGEL 984-2905+3
TAYLOR CHAS V 984-2905
1548 SOLIZ JERRY 983-4531
SOLIZ LOUIS H 983-4531
1555 CHENEY JACK 983-3221
1556 MCINTYRE A F MRS 983-3870+3
* 0 BUS 7 RES 3 NEW

+OAK SPGS VLY 92397 WRIGHTWOOD

NO # RAWSON MIKE 249-3507+3
* 0 BUS 1 RES 1 NEW

OAK WAY 92352 LAKE ARROWHEAD

DEER LODGE PARK
AREA

1325 BERTRAM KENNETH 337-5047+3
1365 CARSON SIDNEY R 337-3648
NO # FRANK RICHARD 337-3246
NO # GRANTHAM EVELYN E 337-2288
* 0 BUS 4 RES 1 NEW

OAKWOOD 92349 IDYLLWILD

25161 ZUCKERMAN JOHN V 659-3219
25625 WALLACE DELLA J 659-2967
25645 WARD MULLER 659-2654
25660 MILLER ROBT S 659-3747
*PINE BR MAINTENANCE659-2384
SKINNER VERLE 659-2384
25840 MATSON ARCHIE 659-2253
25870 SELMAN WADE 659-3469
25880 POPP CLIFFORD G 659-3560
25885 ERWIN ROBT M 659-2598
25900 KING THOS 659-3501
25920 NEELEY HELEN G MRS 659-2904
NO # BRANNOCK THELMA 659-2276
NO # BRANNOCK WM 659-2276
NO # MACDOUGALL JAS 659-2892
* 1 BUS 14 RES

OAKWOOD 92370 PERRIS

21115 MARKS CAROLYN 657-4434
MARKS LONNIE B 657-4434
21330 TODD ELSIE 657-5788
* 0 BUS 3 RES

OAKWOOD AV 92345 HESPERIA

7593 GARCIA JESS V 244-4672
7743 DUBACH DALE F 244-3031
8210 OWENS LEO L 244-3486+3
8265 GAUL PHILIP J 244-2102
8483 BROOKS C J 244-4662
8738 HARRISON K H JR 244-3833+3
8787 CUBBERLEY MATHIL 244-2129
8821 VANDIVER RAY D 244-2119
9585 JOHNSON JAMES 244-9181+3
9753 WAGNER H R 244-3344+3
9805 VEUHOFF TED 244-3245
9838 HITT MAUDE 244-9008
9844 DAWE RAY 244-4821+3
9916 PLOWMAN HOWARD 244-3449
9976 RILEY HARRY L 244-2679
9977 ROEDER LOUIS E 244-3804
9993 THOMAS L V 244-9107
10004 WALLING WALLACE G 244-9400
10627 MCMURRAY LOREAN 244-3925+3
10708 ANDERSON EARL F 244-3764+3
10722 CHAMBERS KENNETH 244-4880+3
11001 LEONARD MIKE 244-3600
11002 WALLACE GABE C 244-2834
11031 KARR SANFORD S 244-4531
11141 MOORE CHAS C 244-3504+3
11151 TILLIS H W 244-9048
11849 DEMIANEW JIM A 244-4657+3
NO # CORDOVA EUGENE 244-2072
* 0 BUS 28 RES 10 NEW

OAKWOOD DR W 92405 SN BRNDNO

1265 FLOOD JAKE 882-9873
1266 XXXX 00
1269 FLOOD JAS H 882-0462+3
1272 MARKOV GLENNA G 882-1965
1273 SPRAGUE WM 883-5854
1274 ROBERTS RICHARD G 886-4596
1277 GARMON MICHAEL A 882-1497+3
1278 OWINGS CLYDE A 882-4771
1283 GRIFFIN D A 882-2829
1284 FRANCIS DONALD V 886-5504
1291 XXXX 00
1292 MOORE FRED W 882-8167
1297 XXXX 00
* 0 BUS 13 RES 2 NEW

OAKWOOD PL 92506 RIVERSIDE

3475 GOULD IRWIN H 683-7967
3480 CASH LUELLA M 683-6242
3511 BILLINGSLEY S G 686-1702
3528 DELVAILLE GILBERT 683-0681+3
3533 MORRISON WM R 683-4373
3541 MCCLANAHAN RAYMOND 683-8326
3544 DONNELLY S S 684-4423
3554 WYMER HAL D 686-1718
3555 HANNAH D T 686-4132
3564 THORSON MELVIN O 684-2908
3565 DONMYER BYRON C 686-6666
3574 CARSON DAVID K 683-4185
3575 CARVER GORDON L DR 686-1357
3583 MORGAN EUGENE W 686-5575
3588 SUMBARDO DAVID J 784-0945
3595 MEAD FRANKLIN B DR 684-1858
3611 EVANS L A 683-4664
3616 SMITH S E BOYD 684-8414
3625 FARGO A F 684-7441
3636 RUSSELL JOHN S 684-1327
3637 BOUDIN HAROLD W 686-5459+3
3648 CROWELL GILBERT C 684-0379
3649 JOHNSON MAURICE MRS683-5073
3660 FRASER ROYAL W 686-1137
3661 SIMPSON RONALD L 686-8198
3672 CASTLEMAN M L MRS 686-1622
3673 KINSEY CECIL 686-8970+3
3682 CLARK M H 686-4214
3683 SMITH WM F MRS 686-3249
STARR GERTRUDE L 686-3249
3695 ARRIAGA GEO 682-9846
3706 MCCOLLIN CHAS L 684-2645+3
3707 HADLEY CHAS D 683-0604
3716 BURKEY HARRY E 684-4627
BURKEY MARGARET L 684-4627
3717 CLINKENBEARD M 684-9801
3728 MCCLARA DALE M 683-1907
3729 KEITH CRAWFORD L 682-2729
3738 REED L B 684-5572
3739 JACK THOS E 683-8474

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Haines 1973 (Oakland Hills)

APPENDIX C

ERS RecCheck

ENVIRONMENTAL RECORD SEARCH

"The Intelligent Choice"

RecCheck

Report Results

The Standard for ASTM/AAI Radius Searches

(One Mile Environmental Records Search, Exceeds ASTM 1527/1528 and EPA All Appropriate Inquiry)

REPORT RESULTS



Site Location:

2121 Mountain View Drive
Corona, CA
(N 33-52-34, W 117-36-34) NAD83

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EXECUTIVE SUMMARY

INFORMATION ON THE REQUESTED LOCATION

Site Address:	2121 Mountain View Drive Corona, CA
Client Project Name/Number:	
Coordinates:	N 33-52-34, W 117-36-34 (NAD 83) 33.876239, -117.609571
Date of Report	November 17, 2015
ERS Project Number:	2104659738
Subject Site Listed on the following lists:	Multiple Agency Lists
Subject Site Listed as Map ID#:	1 (Click here for details)
USGS 7.5 Minute Quad Map:	Corona North
Township, Section and Range:	Township: 03S Range: 07W Section: 27 Baseline: San Bernardino
Site Elevation: **(feet above or below (-) mean sea level)**	682
Flood Zone: **(FEMA Q3 Digital Data)**	Panel: 06071C9375H, Effective Date: 8/28/2008 Zone X - Area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level.
Fire Insurance Map Coverage:	No
Radon Information:	EPA Radon Zone: 2 (Predicted avg for county: 2 to 4 pCi/L)
Search Radius Expansion Size: **(In Miles)**	0
Soil Type: **(USDA Soil Survey Geographic Database) (SSURGO)**	Perkins loam, 2 to 8 percent slopes Map Unit Type: Consociation Hydric: No Drainage Class: Well drained General Information: MOLLIC HAPLOXERALFS, FINE-LOAMY, MIXED, THERMIC
Zip Codes Searched for "Un-Mappable" Sites:	Not Researched
Occurrence Count:	6

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SUMMARY OF OCCURRENCES

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
1 Maps: 1, 2, 3	91109-RSD Mountain View Country Club	2121 Mountain View Dr Corona	County-LUST-Closed-CA	Closed	Subject Site	N/A
1 Maps: 1, 2, 3	T0606500230 MOUNTAIN VIEW COUNTRY CLUB	2121 MOUNTAIN VIEW DR CORONA	ENF-CA	Listed	Subject Site	N/A
1 Maps: 1, 2, 3	CAL000098364 MOUNTAIN VIEW COUNTRY CLUB	2121 MOUNTAIN VIEW DR CORONA	HWIS-CA	Listed	Subject Site	N/A
1 Maps: 1, 2, 3	T0606500230 MOUNTAIN VIEW COUNTRY CLUB	2121 MOUNTAIN VIEW DR CORONA	LUST-Closed-CA	Completed - Case Closed	Subject Site	N/A
2 Maps: 1, 3	891000-RSD Song's Arco	800 Serfas Club Dr Corona	County-LUST-CA	Listed	0.35 NW	-55
3 Maps: 1, 3	T0606500033 Site Name Not Reported	616 PASEO GRANDE CORONA	UST-Cleanup-CA	Listed	0.48 E	14

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DATABASE OCCURRENCE SUMMARY

HIGH RISK* OCCURRENCES IDENTIFIED IN REQUESTED SEARCH RADIUS		
DATABASE SEARCHED	**DISTANCE SEARCHED (MILES)**	**HIGH RISK OCCURRENCES FOUND**
Cal-CorAct-Open-CA	0.5	0
Cal-Military-Active	1	0
Cal-School-Active	0.5	0
Cal-State-Response-Active	1	0
Cal-Superfund-Active	1	0
Cal-VCP-Active	0.5	0
CERCLIS-US	0.5	0
County-LUST-Open-CA	0.5	0
County-SLIC-Open-CA	0.5	0
LUST-Open-CA	0.5	0
NPL-US	1	0
Response-CA	0.25	0
SAA-Agreements-US	1	0
SLIC-Open-CA	0.5	0
SML-Open-CA	0.5	0
Tribal-LUST-Open-Reg9	0.5	0
UST-Cleanup-CA	0.5	1
UST-Priority-CA	0.5	0

* For the purposes of this report, “high risk” occurrences are those that have known contamination and have not received a “case closed” or “no further action” status from the agency that maintains the records.

FEDERAL ASTM/AAI DATABASES							
DATABASE SEARCHED	**DISTANCE SEARCHED**	**SUBJECT SITE**	**0.125 MILES**	**0.25 MILES**	**0.5 MILES**	**1.0 MILES**	**TOTAL**
BF-US	0.5	0	0	0	0	-	0
CERCLIS-Archived-US	0.5	0	0	0	0	-	0
CERCLIS-US	0.5	0	0	0	0	-	0
Controls-RCRA-US	0.5	0	0	0	0	-	0
Controls-US	0.5	0	0	0	0	-	0
Debris-US	0.5	0	0	0	0	-	0
Delisted-NPL-US	1	0	0	0	0	0	0
ERNS-US	0.0625	0	0	-	-	-	0
FEMA-UST-US	0.25	0	0	0	-	-	0
FTTS-ENF-US	0.0625	0	0	-	-	-	0
Hist-Dumps-US	0.5	0	0	0	0	-	0
Hist-US-EC	0.5	0	0	0	0	-	0
Hist-US-IC	0.5	0	0	0	0	-	0
HMIS-US	0.0625	0	0	-	-	-	0
LIENS-US	0.0625	0	0	-	-	-	0
NPL-US	1	0	0	0	0	0	0
PADS-US	0.0625	0	0	-	-	-	0
PCB-US	0.25	0	0	0	-	-	0
RCRA-CESQG-US	0.25	0	0	0	-	-	0
RCRA-COR-US	1	0	0	0	0	0	0
RCRA-LQG-US	0.25	0	0	0	-	-	0
RCRA-NON-US	0.25	0	0	0	-	-	0
RCRA-SQG-US	0.25	0	0	0	-	-	0
RCRA-TSD-US	0.5	0	0	0	0	-	0

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FEDERAL ASTM/AAI DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
SAA-Agreements-US	1	0	0	0	0	0	0
Tribal-BF-US	0.5	0	0	0	0	-	0
Tribal-LUST-Closed-Reg9	0.5	0	0	0	0	-	0
Tribal-LUST-Open-Reg9	0.5	0	0	0	0	-	0
Tribal-ODI-US	0.5	0	0	0	0	-	0
Tribal-UST-Reg9	0.25	0	0	0	-	-	0
Tribal-VCP-US	0.5	0	0	0	0	-	0

STATE ASTM/AAI DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
AST-CA	0.25	0	0	0	-	-	0
Cal-BZ-HazWaste-CA	0.5	0	0	0	0	-	0
Cal-CorAct-Closed-CA	0.5	0	0	0	0	-	0
Cal-CorAct-Open-CA	0.5	0	0	0	0	-	0
Cal-Eval-Hist	0.5	0	0	0	0	-	0
Cal-Eval-Hist-NFA	0.5	0	0	0	0	-	0
Cal-Military-Active	1	0	0	0	0	0	0
Cal-Military-NFA	0.5	0	0	0	0	-	0
Cal-Military-Other	1	0	0	0	0	0	0
Cal-School-Active	0.5	0	0	0	0	-	0
Cal-School-NFA	0.5	0	0	0	0	-	0
Cal-School-Other	0.5	0	0	0	0	-	0
Cal-State-Response-Active	1	0	0	0	0	0	0
Cal-State-Response-NFA	0.5	0	0	0	0	-	0
Cal-State-Response-Other	0.5	0	0	0	0	-	0
Cal-Superfund-Active	1	0	0	0	0	0	0
Cal-Superfund-NFA	1	0	0	0	0	0	0
Cal-Superfund-Other	1	0	0	0	0	0	0
Cal-VCP-Active	0.5	0	0	0	0	-	0
Cal-VCP-NFA	0.5	0	0	0	0	-	0
Cal-VCP-Other	0.5	0	0	0	0	-	0
CBF-CA	0.5	0	0	0	0	-	0
CHMIRS-CA	0.0625	0	0	-	-	-	0
City-AST-CA	0.25	0	0	0	-	-	0
City-CUPA-CA	0.25	0	0	0	-	-	0
City-Others-CA	0.25	0	0	0	-	-	0
City-UST-CA	0.25	0	0	0	-	-	0
Controls-CA	0.5	0	0	0	0	-	0
CORTESE-CA	0.25	0	0	0	-	-	0
County-AST-CA	0.25	0	0	0	-	-	0
County-Hist-CA	0.25	0	0	0	-	-	0
County-LUST-CA	0.5	0	0	0	1	-	1
County-LUST-Closed-CA	0.25	1	0	0	-	-	1
County-LUST-Open-CA	0.5	0	0	0	0	-	0
County-Others-CA	0.25	0	0	0	-	-	0
County-SLIC-Closed-CA	0.25	0	0	0	-	-	0
County-SLIC-Open-CA	0.5	0	0	0	0	-	0
County-SML-CA	0.5	0	0	0	0	-	0
County-SWF-CA	0.5	0	0	0	0	-	0
County-UST-CA	0.25	0	0	0	-	-	0
CUPA-CA	0.25	0	0	0	-	-	0
ENF-CA	0.25	1	0	0	-	-	1

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STATE ASTM/AAI DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
HazWaste-CA	0.25	0	0	0	-	-	0
Hist-Controls-CA	0.5	0	0	0	0	-	0
Hist-Cort-CA	0.25	0	0	0	-	-	0
HIST-R4-CA	0.25	0	0	0	-	-	0
Hist-SWF-CA	0.5	0	0	0	0	-	0
Hist-UST-CA	0.25	0	0	0	-	-	0
Hist-WIP-Active-CA	0.5	0	0	0	0	-	0
Hist-WIP-Backlog-CA	0.5	0	0	0	0	-	0
Hist-WIP-Historical-CA	0.5	0	0	0	0	-	0
HWIS-CA	0.0625	1	0	-	-	-	1
Land-Disposal-CA	0.5	0	0	0	0	-	0
Liens-CA	0.0625	0	0	-	-	-	0
LUST-Closed-CA	0.25	1	0	0	-	-	1
LUST-Open-CA	0.5	0	0	0	0	-	0
Manifest2-NY	0.0625	0	0	-	-	-	0
Manifest2-RI	0.0625	0	0	-	-	-	0
PR-MOA-CA	0.25	0	0	0	-	-	0
SLIC-Closed-CA	0.5	0	0	0	0	-	0
SLIC-CV-CLOSED-CA	0.5	0	0	0	0	-	0
SLIC-CV-OPEN-CA	0.5	0	0	0	0	-	0
SLIC-Open-CA	0.5	0	0	0	0	-	0
SML-Closed-CA	0.5	0	0	0	0	-	0
SML-Open-CA	0.5	0	0	0	0	-	0
SML-Other-CA	0.5	0	0	0	0	-	0
SWIS-CA	0.5	0	0	0	0	-	0
SWRCY-CA	0.5	0	0	0	0	-	0
UST-Abandoned-CA	0.25	0	0	0	-	-	0
UST-CA	0.25	0	0	0	-	-	0
UST-Cleanup-CA	0.5	0	0	0	1	-	1
UST-Closed-CA	0.25	0	0	0	-	-	0
UST-Comp-CA	0.25	0	0	0	-	-	0
UST-Priority-CA	0.5	0	0	0	0	-	0
UST-Proposed-CA	0.25	0	0	0	-	-	0

SUPPLEMENTAL DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Air-CA	0.25	0	0	0	-	-	0
AIR-DIST-CA	0.25	0	0	0	-	-	0
BioFuel-US	0.25	0	0	0	-	-	0
Cal-TierPer-CA	0.25	0	0	0	-	-	0
CDL-CA	0.0625	0	0	-	-	-	0
CDL-US	0.0625	0	0	-	-	-	0
CHWF-CA	0.5	0	0	0	0	-	0
Coal-Ash-Dams-US	0.5	0	0	0	0	-	0
County-BI-CA	0.25	0	0	0	-	-	0
Dams-CA	0.25	0	0	0	-	-	0
DCF2-CA	0.25	0	0	0	-	-	0
DPR-CA	0.25	0	0	0	-	-	0
DryCleaners-CA	0.25	0	0	0	-	-	0
DTG-CA	0.25	0	0	0	-	-	0
EGRID-US	0.5	0	0	0	0	-	0
EPA-Watch-List-US	0.25	0	0	0	-	-	0

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SUPPLEMENTAL DATABASES

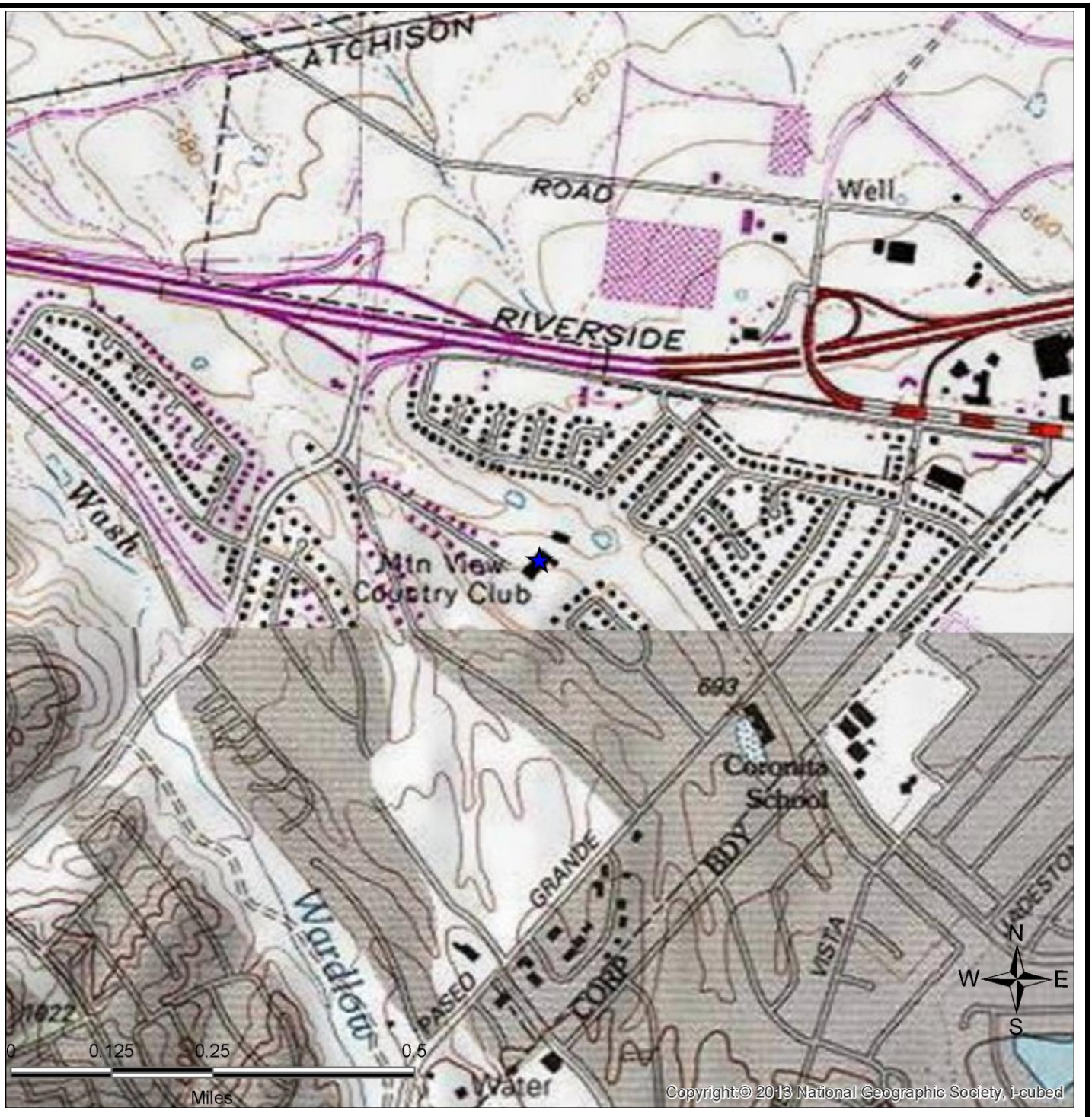
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
FA-HW-CA	0.0625	0	0	-	-	-	0
FA-HW-US	0.0625	0	0	-	-	-	0
FA-SWF-CA	0.0625	0	0	-	-	-	0
FRS-US	0.0625	0	0	-	-	-	0
FTTS-INSP-US	0.0625	0	0	-	-	-	0
FUDS-US	1	0	0	0	0	0	0
Haulers-CA	0.0625	0	0	-	-	-	0
Hist-AFS2-US	0.25	0	0	0	-	-	0
Hist-AFS-US	0.25	0	0	0	-	-	0
Hist-CA	0.0625	0	0	-	-	-	0
Hist-FIFRA-US	0.25	0	0	0	-	-	0
HIST-MLTS-US	0.25	0	0	0	-	-	0
HIST-MTBE-CA	0.25	0	0	0	-	-	0
Historical-CA	0.5	0	0	0	0	-	0
Hist-Prop65-CA	0.25	0	0	0	-	-	0
Hist-US	0.0625	0	0	-	-	-	0
Hist-USGS-WaterWells-CA	0.0625	0	0	-	-	-	0
HWT-CA	0.25	0	0	0	-	-	0
ICIS-Air-US	0.0625	0	0	-	-	-	0
ICIS-FEC-US	0.0625	0	0	-	-	-	0
ICIS-NPDES-US	0.0625	0	0	-	-	-	0
LA-Waste-Haulers-CA	0.0625	0	0	-	-	-	0
Lead-Smelter-2-US	0.25	0	0	0	-	-	0
Lead-US	0.25	0	0	0	-	-	0
Mines-CA	0.0625	0	0	-	-	-	0
MINES-US	0.0625	0	0	-	-	-	0
MLTS-US	0.0625	0	0	-	-	-	0
MRDS-US	0.25	0	0	0	-	-	0
MWMP-CA	0.25	0	0	0	-	-	0
NEI-LF-CA	0.25	0	0	0	-	-	0
NPDES-CA	0.0625	0	0	-	-	-	0
NPDES-SW-CA	0.0625	0	0	-	-	-	0
OGW-CA	0.0625	0	0	-	-	-	0
OSCF-CA	0.5	0	0	0	0	-	0
PCS-US	0.25	0	0	0	-	-	0
Perch1-CA	0.25	0	0	0	-	-	0
Perch2-CA	0.25	0	0	0	-	-	0
RADINFO-US	0.0625	0	0	-	-	-	0
Response-CA	0.25	0	0	0	-	-	0
RFG-Lab-US	0.25	0	0	0	-	-	0
RMP-US	0.0625	0	0	-	-	-	0
ROD-US	0.5	0	0	0	0	-	0
SDWIS-US	0.25	0	0	0	-	-	0
Spills-SSO-CA	0.25	0	0	0	-	-	0
SSTS-US	0.0625	0	0	-	-	-	0
Tribal-Air-US	0.25	0	0	0	-	-	0
TRIS2000-US	0.0625	0	0	-	-	-	0
TRIS2010-US	0.0625	0	0	-	-	-	0
TRIS80-US	0.0625	0	0	-	-	-	0
TRIS90-US	0.0625	0	0	-	-	-	0
TSCA-US	0.0625	0	0	-	-	-	0
UIC2-CA	0.0625	0	0	-	-	-	0
UIC-CA	0.0625	0	0	-	-	-	0
UMTRA-US	0.0625	0	0	-	-	-	0
USGS-Waterwells-US	0.0625	0	0	-	-	-	0

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SUPPLEMENTAL DATABASES							
DATABASE SEARCHED	**DISTANCE SEARCHED**	**SUBJECT SITE**	**0.125 MILES**	**0.25 MILES**	**0.5 MILES**	**1.0 MILES**	**TOTAL**
Vapor-Intrusions-US	0.5	0	0	0	0	-	0
WDR-CA	0.25	0	0	0	-	-	0

PROPRIETARY HISTORIC DATABASES							
DATABASE SEARCHED	**DISTANCE SEARCHED**	**SUBJECT SITE**	**0.125 MILES**	**0.25 MILES**	**0.5 MILES**	**1.0 MILES**	**TOTAL**
Hist-Agriculture	0.0625	0	0	-	-	-	0
Hist-Auto Dealers	0.0625	0	0	-	-	-	0
Hist-Auto Repair	0.25	0	0	0	-	-	0
Hist-Chemical Manufacturing	0.0625	0	0	-	-	-	0
Hist-Cleaners	0.25	0	0	0	-	-	0
Hist-Machine Shop	0.0625	0	0	-	-	-	0
Hist-Manufacturing	0.0625	0	0	-	-	-	0
Hist-Metal Plating	0.0625	0	0	-	-	-	0
Hist-Mortuaries	0.0625	0	0	-	-	-	0
Hist-Paint-Stores	0.0625	0	0	-	-	-	0
Hist-Petroleum	0.0625	0	0	-	-	-	0
Hist-Printers	0.0625	0	0	-	-	-	0
Hist-RV-Dealers	0.0625	0	0	-	-	-	0
Hist-Salvage	0.0625	0	0	-	-	-	0
Hist-Service Stations	0.25	0	0	0	-	-	0
Hist-Transportation	0.0625	0	0	-	-	-	0
Hist-Trucking	0.0625	0	0	-	-	-	0
Hist-Vehicle-Parts	0.0625	0	0	-	-	-	0

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SITE LOCATION TOPOGRAPHIC MAP

U.S. Geological Survey. Corona North Quadrangle, 7.5 Minute Series

G3Soilworks	2121 Mountain View Drive Corona, CA	FIGURE: JOB: DATE:	1 11/17/2015

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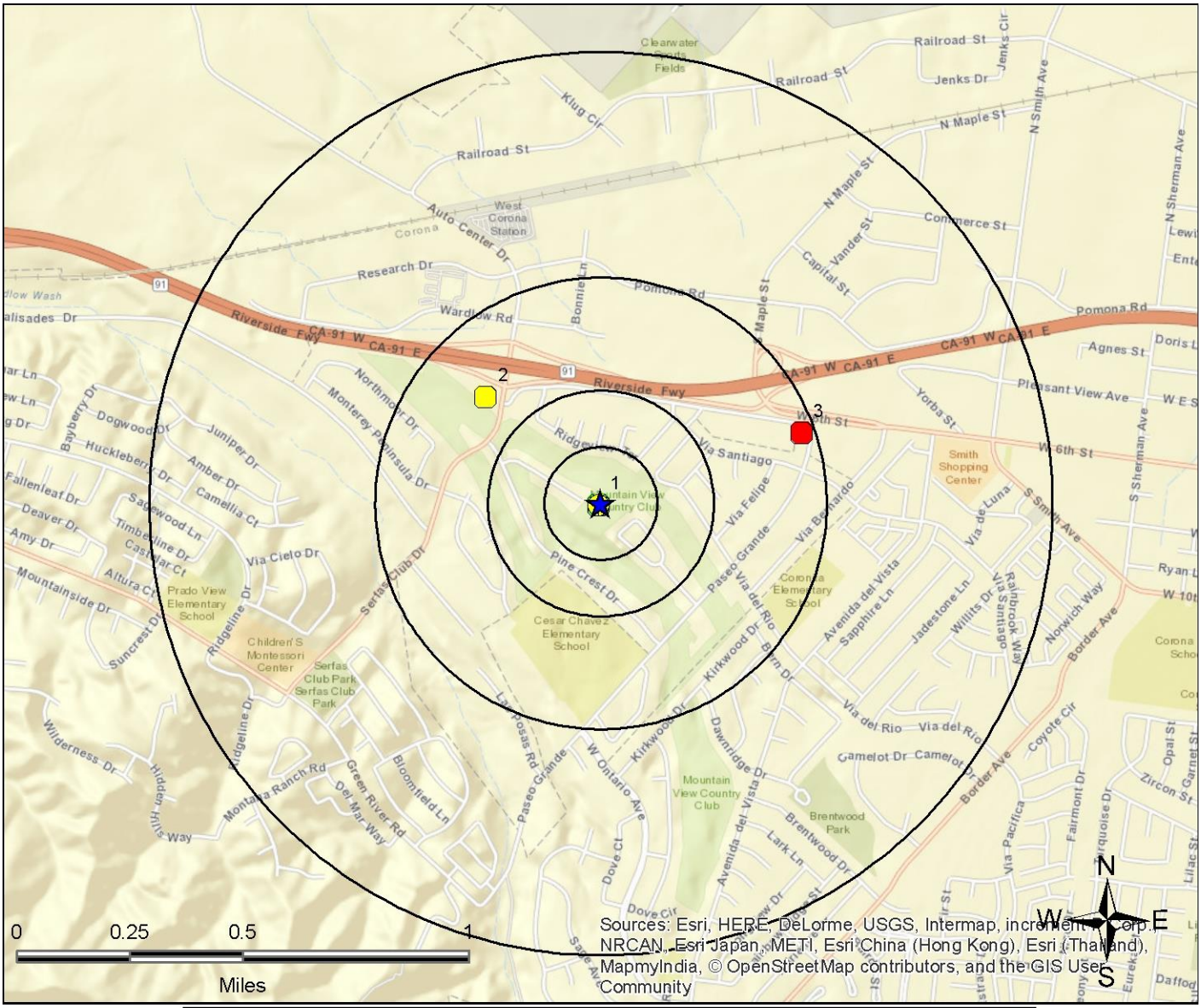


SITE LOCATION MAP

G3Soilworks	2121 Mountain View Drive Corona, CA	FIGURE: 2 JOB: DATE: 11/17/2015

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1-MILE RADIUS STREET MAP W/OCCURRENCES (MAP1)



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

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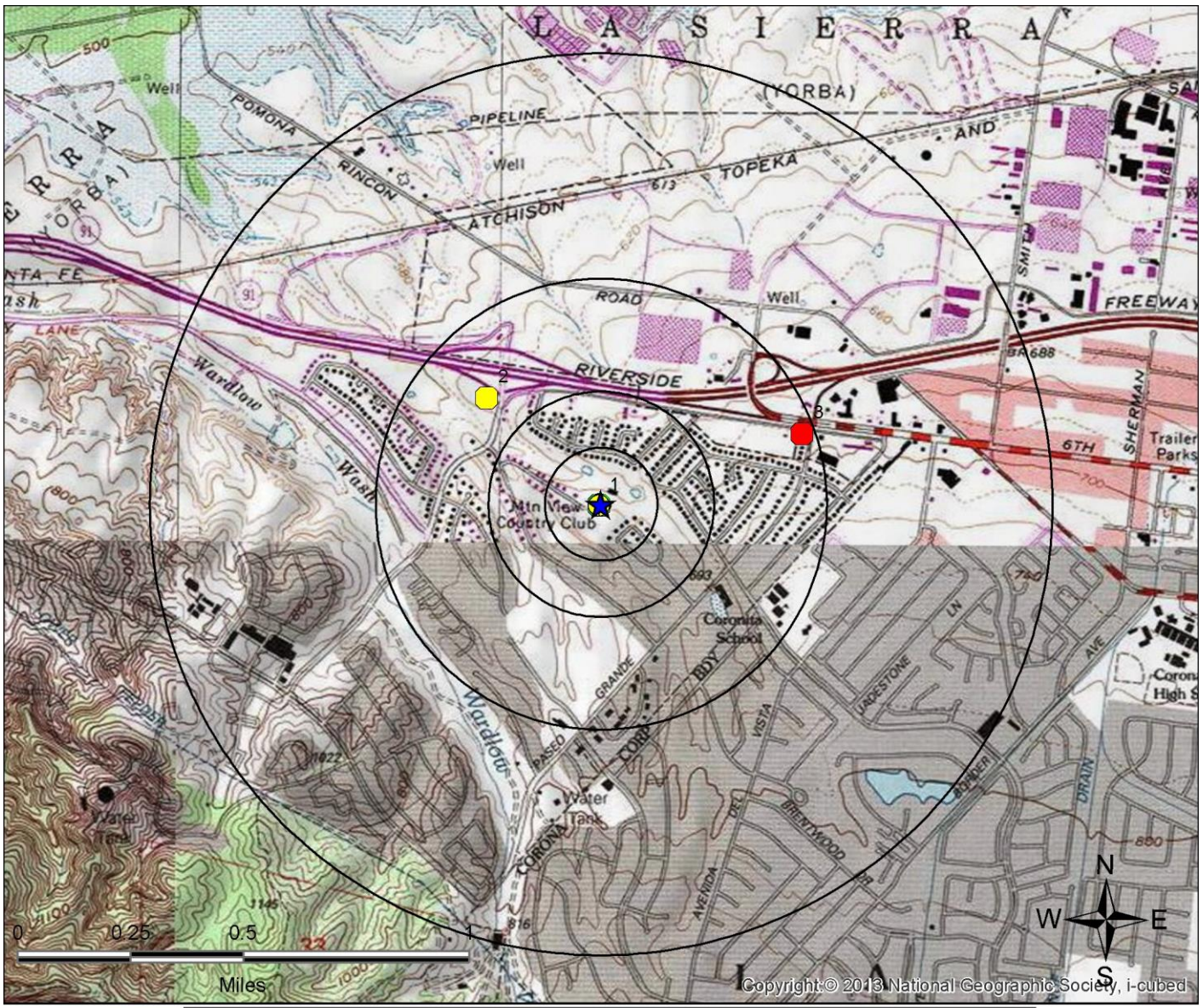
0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

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1-MILE TOPOGRAPHIC MAP W/OCCURRENCES (MAP3)



Legend

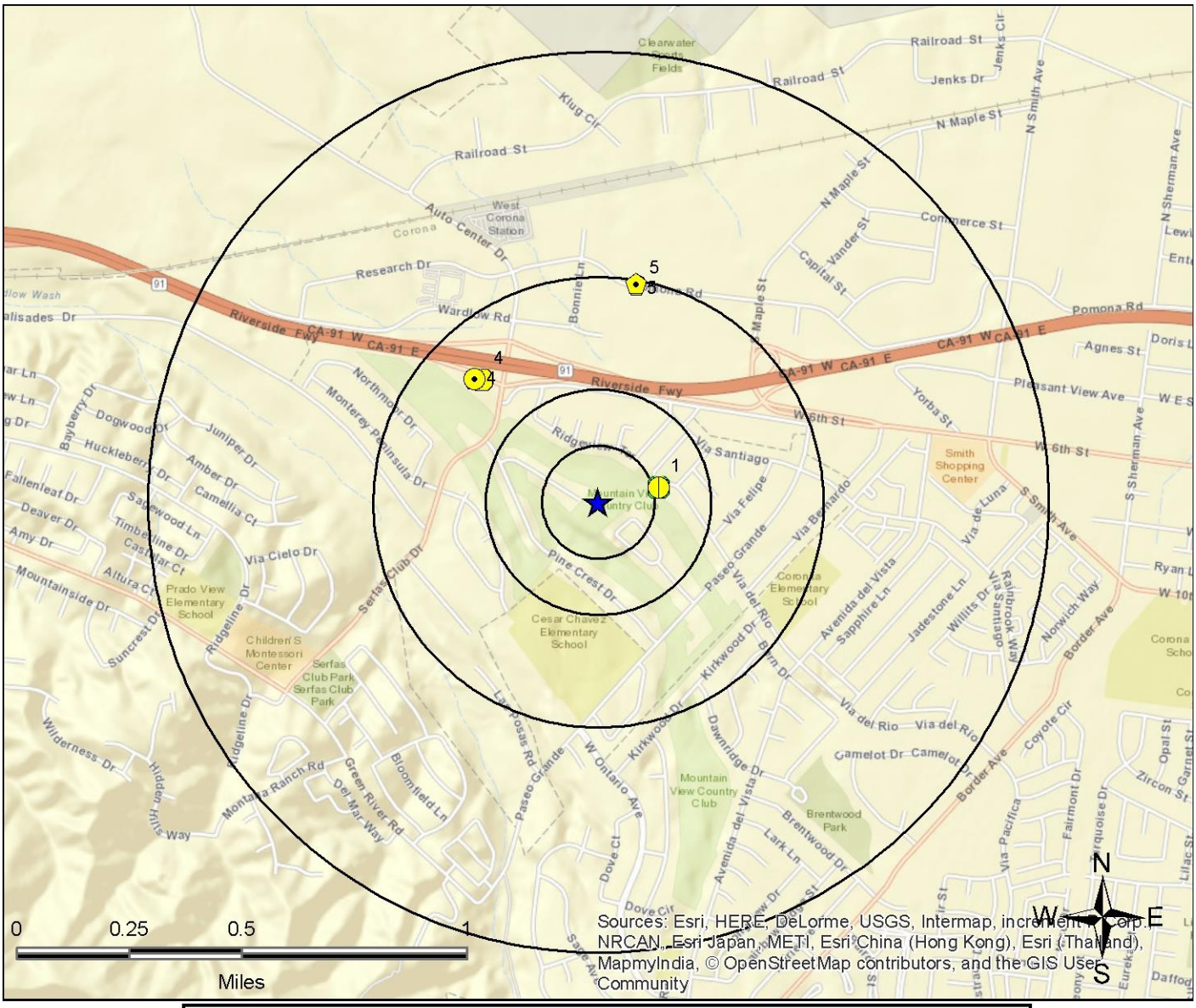
- Federal NPL
- Federal Delisted NPL
- Federal CERCLIS
- Federal CERCLIS NFRAP
- Federal LUST
- Federal RCRA CORRACTS
- Federal RCRA non-CORRACTS TSD
- Federal RCRA Generators
- Federal UST
- Federal Inst/Eng Controls
- Federal Brownfield
- Federal ERNS
- Federal Emergency Release Reports
- Emergency Release Reports
- State/Tribal NPL
- State/Tribal CERCLIS Equivalent
- State/Tribal LUST
- State/Tribal Voluntary Cleanup Sites
- State/Tribal UST
- State/Tribal Brownfield
- State/Tribal Inst/Eng Controls
- State/Tribal Landfill/Solid Waste
- State/Tribal RCRA Equivalent
- State/Tribal ASTM Other
- ERS Supplemental Govt Sources
- ERS Exclusive Historic Sources

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

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AGENCY DIFFERENCES IN MAPPED LOCATIONS (MAP4)

Note: Occurrences on this map have agency provided coordinates which differ significantly from geocoded locations.



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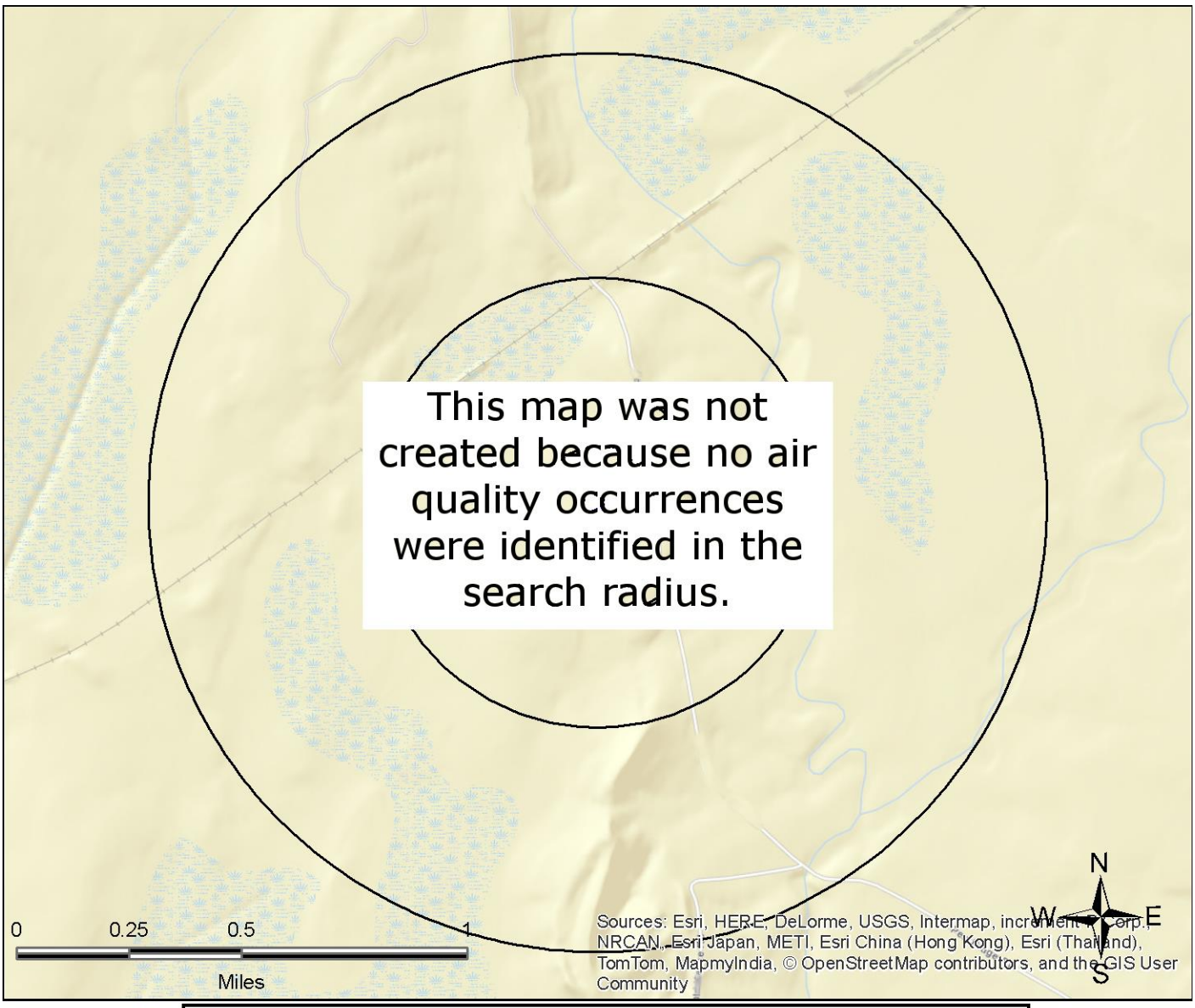
SUMMARY OF AGENCY DIFFERENCES

MAP ID	ID / SITE NAME	ADDRESS / DATABASE	AGENCY COORDINATES	DISTANCE (MILES)	DIRECTION
1	T0606500230 MOUNTAIN VIEW COUNTRY CLUB	2121 MOUNTAIN VIEW DR ENF-CA	-117.60713, 33.87678	0.15	E
1	T0606500230 MOUNTAIN VIEW COUNTRY CLUB	2121 MOUNTAIN VIEW DR LUST-Closed-CA	-117.60713, 33.87678	0.15	E
4	33290115 THOMAS RANCH	S OF PALISADES DR, W OF SERFAS CLUB DR Cal-State-Response-Other	-117.61428, 33.88022	0.39	NW
4	60000699 Corona Palisades Business Park	South of Palisades Drive and West of Serfas Club Drive Cal-VCP-NFA	-117.61428, 33.88022	0.39	NW
4	33290115 THOMAS RANCH	S OF PALISADES DR, W OF SERFAS CLUB DR Hist-Controls-CA	-117.614, 33.8802	0.37	NW
5	33290103 PRADO PETROLEUM COMPANY	2471 POMONA-RINCON ROAD Cal-Eval-Hist	-117.60806, 33.88333	0.5	N
5	33290103 PRADO PETROLEUM COMPANY	2471 POMONA-RINCON ROAD Historical-CA	-117.608, 33.8833	0.49	N

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MAPPED AIR PERMITS WITH POTENTIAL DISPERSION (MAP5)

Note: Occurrences on this map are reported in Air Quality databases. Potential air plumes are drawn in the direction of the prevailing wind.



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency/source. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. Potential air dispersion plumes are depicted to graphically show the direction contaminates may travel based on prevailing wind data and provide a visual screening tool only. Actual direction will vary especially by season. Depending on the actual contaminate, amount released, and other variables, the distance from the source the contaminate may travel can and will vary. Interpretation and review of all the actual relevant data by an environmental professional is recommended before making any decisions, conclusions or otherwise based on the map depictions, air data, and potential air dispersion plumes.

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LISTED OCCURRENCE DETAILS

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	Subject Site	682 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
MOUNTAIN VIEW COUNTRY CLUB			1, 2, 3	T0606500230
ADDRESS			**CITY**	**ZIP**
2121 MOUNTAIN VIEW DR			CORONA	91720

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500230
Global ID: T0606500230
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1/22/1993
Lead Agency: RIVERSIDE COUNTY LOP
Case Worker: SCB
Local Agency: RIVERSIDE COUNTY LOP
RB Case Number: 083301783T
Loc Case Number: 91109
File Location: Local Agency Warehouse
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Soil
Site History: Not Reported
Agency Provided Latitude: 33.87678392
Agency Provided Longitude: -117.6071339

MTBE/Region Details
: Not Reported
Regulatory Activites Details
Action Date: 3/9/2009
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter - #Site Closure

Action Date: 3/8/2009
More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-LUST-Closed-CA	Closed	Subject Site	682 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
Mountain View Country Club			1, 2, 3	91109-RSD
ADDRESS			**CITY**	**ZIP**
2121 Mountain View Dr			Corona	
DETAILS				
Site ID: 91109 Closed: Y Employee: Jones Status: Closed/Action Completed Case Type: Soil only is impacted				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	Subject Site	682 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
MOUNTAIN VIEW COUNTRY CLUB			1, 2, 3	T0606500230
ADDRESS			**CITY**	**ZIP**
2121 MOUNTAIN VIEW DR			CORONA	91720

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DETAILS
Global ID: T0606500230 County: Riverside Site History: Not Reported Case Type: LUST Cleanup Site Status: Completed - Case Closed Lead Agency: RIVERSIDE COUNTY LOP Case Worker: SCB Local Agency: RIVERSIDE COUNTY LOP RB Case Number: 083301783T Loc Case Number: 91109 File Location: Local Agency Warehouse Potential Contaminants of Concern: Gasoline Potential Media Affected: Soil Action Date: 3/9/2009 Action Type: ENFORCEMENT Action: Closure/No Further Action Letter - #Site Closure Action Date: 3/8/2009 Action Type: ENFORCEMENT Action: File review - #RCDEH Upload Site File 9/9/2015 Action Date: 1/22/1993 Action Type: ENFORCEMENT Action: Closure/No Further Action Letter

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HWIS-CA	Listed	Subject Site	682 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
MOUNTAIN VIEW COUNTRY CLUB			1, 2, 3	CAL000098364
ADDRESS			**CITY**	**ZIP**
2121 MOUNTAIN VIEW DR			CORONA	91720

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DETAILS
Year: 2004 CAT_DESC: Asbestos containing waste CODE_VALUE_DESC: DISPOSAL, LAND FILL TONS: 5.64676 Year: 2004 CAT_DESC: Asbestos containing waste CODE_VALUE_DESC: LANDFILL TONS: 5.64676 Year: 2001 CAT_DESC: Photochemicals/photoprocessing waste CODE_VALUE_DESC: RECYCLER TONS: 0.25

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-LUST-CA	Listed	0.35 miles NW	627 ft (55 ft lower than site)	2
SITE NAME			**MAPS**	**ID**
Song's Arco			1, 3	891000-RSD
ADDRESS			**CITY**	**ZIP**
800 Serfas Club Dr			Corona	
DETAILS				
Note: The agency has notified ERS that the only status to trust within its database is the closed status. All other statuses should not be trusted and should be reviewed on Geotracker Site ID: 891000 Closed: R Employee: Bunchek Status: Not Reported Case Type: Groundwater is impacted				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-Cleanup-CA	Listed	0.48 miles E	696 ft (14 ft higher than site)	3

SITE NAME	MAPS	ID
Not Reported by Agency	1, 3	T0606500033

ADDRESS	CITY	ZIP
616 PASEO GRANDE	CORONA	

DETAILS

UST FUND PRIORITY CLASS: D
UST FUND CLAIM NO#: 5593
GEOGRAPHIC AREA (BY REGIONAL BOARD NO#): 8
UST FUND CLAIM_CLOSURE DATE: Not Reported
NO# OF FUND RECOMMEDED CLOSURE: 1
SITE LEAD AGENCY: RIVERSIDE COUNTY LOP
YEARS CASE HAS BEEN OPENED: 26
YEARS CLAIM HAS RECEIVED FUNDING: 13

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RECORDS SOURCES SEARCHED

Air-CA
Air Permits with Emissions
Category: ERS Supplemental Govt Sources
Description: This database contains permitted facilities that report to the ARB by the different Air Quality Districts.
Agency: California Air Resources Board
Phone Number: 9163222990
Date last updated: 7/17/2015
Date last checked: 5/19/2015
Distance searched: 0.25 miles
Sites:
None Found

AIR-DIST-CA
Air Pollution Control District
Category: ERS Supplemental Govt Sources
Description: This database contains air permitted facilities as reported by various Air Quality and Air Pollution Control Districts in California.
Antelope Valley AQMD: (661) 723-8070
Butte AQMD: (530) 332-9400
Mariposa County APCD: (209) 966-2220
North Coast Unified AQMD: (707) 443-3093
Placer APCD: (530) 745-2330
Sacramento AQMD: (916) 874-4800
San Diego County APCD: (858) 586-2600
Santa Barbara APCD: (805) 961-8800
South Coast AQMD: (909) 396-2000
Agency: Local District Agencies
Phone Number: 7146698096
Date last updated: 8/14/2015
Date last checked: 7/31/2015
Distance searched: 0.25 miles
Sites:
None Found

AST-CA
Aboveground Storage Tanks
Category: State/Tribal UST
Description: This database includes aboveground storage tanks previously maintained by the California EPA. The data is historic as AST's are now tracked by local county offices.
Agency: California Environmental Protection Agency

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Phone Number: 9163232514
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

BF-US
A Listing of Brownfields Sites
Category: Federal Brownfield
Description: This database contains a listing of Brownfields sites listed under the "Cleanups in My Community" program maintained by EPA.
Agency: U.S. Environmental Protective Agency
Phone Number: 2025662777
Date last updated: 7/27/2015
Date last checked: 6/24/2015
Distance searched: 0.5 miles
Sites:
None Found

BioFuel-US
Bio Diesel Fuel
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of EPA Fuels Programs facilities.
Agency: U.S Environmental Protection Agency
Phone Number: 2023439303
Date last updated: 7/27/2015
Date last checked: 7/8/2015
Distance searched: 0.25 miles
Sites:
None Found

Cal-BZ-HazWaste-CA
Border Zone or Hazardous Waste Property
Category: State/Tribal ASTM Other
Description: This database Identifies properties that went through the Border Zone Property or Hazardous Waste Property process of evaluation as reported by California Department of Toxic and Substance Control. Potential Border Zone properties are located within 2,000 feet of a significant disposal of hazardous waste; Hazardous Waste Property facilities/sites have a significant disposal of hazardous waste.
Agency: California Department of Toxic and Substance Control.
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015

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Distance searched: 0.5 miles
Sites:
None Found

Cal-CorAct-Closed-CA
Corrective Action Sites
Category: State/Tribal ASTM Other
Description: This database contains Investigation or cleanup activities at Resource Conservation and Recovery Act (RCRA) or state-only hazardous waste reported by the California Department of Toxic and Substance Control.
Agency: California Department of Toxic and Substance Control.
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 0.5 miles
Sites:
None Found

Cal-CorAct-Open-CA
Corrective Action Sites
Category: State/Tribal ASTM Other
Description: This database contains Investigation or cleanup activities at Resource Conservation and Recovery Act (RCRA) or state-only hazardous waste reported by the California Department of Toxic and Substance Control.
Agency: California Department of Toxic and Substance Control.
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 0.5 miles
Sites:
None Found

Cal-Eval-Hist
EnviroStor Database Evaluation History Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of Historical Sites. Historical sites are Identified sites from an older database where no site type was identified. Most of these sites have a status of Referred or No Further Action. DTSC is working to clean up this data by identifying an appropriate site type for each Historic Site.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 0.5 miles

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Sites:
None Found

Cal-Eval-Hist-NFA
EnviroStor Database Evaluation History NFA Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of Historical sites from older database where no site type was identified. These particular sites have received No Further Action.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 0.5 miles
Sites:
None Found

Cal-Military-Active
EnviroStor Database Military Active Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing Military sites including open and closed bases and Former Used Defense Sites. Active sites are those with confirmed or unconfirmed releases and where DTSC is involved in investigation and/or remediation, either in a lead or support capacity.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 1 mile
Sites:
None Found

Cal-Military-NFA
EnviroStor Database Military NFA Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of Military sites including open and closed bases and Former Used Defense Sites. The confirmed or unconfirmed releases have been cleaned up and the case has received No Further Action.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 0.5 miles
Sites:
None Found

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Cal-Military-Other
EnviroStor Database Military Other Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of Military sites including open and closed bases and Former Used Defense Sites.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 1 mile
Sites:
None Found

Cal-School-Active
EnviroStor Database School Active Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 0.5 miles
Sites:
None Found

Cal-School-NFA
EnviroStor Database School NFA Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. These particular cases have now received a No Further Action.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 0.5 miles
Sites:
None Found

Cal-School-Other
EnviroStor Database School Other Listing
Category: State/Tribal Voluntary Cleanup Sites

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Description: This database contains a listing of proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 0.5 miles
Sites:
None Found

Cal-State-Response-Active
EnviroStor Database Superfund Other Listing
Category: State/Tribal NPL
Description: This database contains a listing of State Response Active sites. These sites are 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.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 1 mile
Sites:
None Found

Cal-State-Response-NFA
EnviroStor Database State Response NFA Listing
Category: State/Tribal NPL
Description: This database contains a listing of State Response Sites. These sites are confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These particular cases have now received No Further Action.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 0.5 miles
Sites:
None Found

Cal-State-Response-Other
EnviroStor Database State Response Other Listing
Category: State/Tribal NPL
Description: This database contains a listing of State Response Sites. These sites are 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.

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Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 0.5 miles
Sites:
None Found

Cal-Superfund-Active
BEAP
Category: State/Tribal CERCLIS Equivalent
Description: This database contains a listing of Federal Superfund Sites identified by the U.S. EPA where the DTSC is actively involved, either in a lead or support capacity, in the investigation and/or remediation currently in progress.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 1 mile
Sites:
None Found

Cal-Superfund-NFA
EnviroStor Database Superfund NFA Listing
Category: State/Tribal CERCLIS Equivalent
Description: This database contains a listing of Federal Superfund Sites identified by the U.S. EPA where the DTSC is actively involved, either in a lead or support capacity in the investigation and/or remediation currently in progress. These particular cases have now received No Further Action.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 1 mile
Sites:
None Found

Cal-Superfund-Other
EnviroStor Database Superfund Other Listing
Category: State/Tribal CERCLIS Equivalent
Description: This database contains a listing of Federal Superfund Sites identified by the U.S. EPA where DTSC is actively involved, either in a lead or support capacity in the investigation and/or remediation currently in progress.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400

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Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 1 mile
Sites:
None Found

Cal-TierPer-CA
Tiered Permits
Category: ERS Supplemental Govt Sources
Description: This database contains facilities with a Tiered Permit reported by the California Department of Toxic and Substance Control. These facilities manage waste not regulated under RCRA, but regulated as a hazardous waste by the State of California. These facilities include, but are not limited to recyclers, oil transfer stations, and precious metals recyclers.
Agency: California Department of Toxic and Substance Control.
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 0.25 miles
Sites:
None Found

Cal-VCP-Active
EnviroStor Database VCP Active Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of sites with either confirmed or unconfirmed releases, and the project proponents have requested that DTSC oversee evaluation, investigation, and/or cleanup activities and have agreed to provide coverage for DTSC's costs.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 0.5 miles
Sites:
None Found

Cal-VCP-NFA
EnviroStor Database VCP NFA Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of sites where the confirmed or unconfirmed releases have been cleaned up and have been reported as receiving No Further Action.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015

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Distance searched: 0.5 miles
Sites:
None Found

Cal-VCP-Other
EnviroStor Database VCP Other Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of sites with either confirmed or unconfirmed releases, and the project proponents have requested that DTSC oversee evaluation, investigation, and/or cleanup activities and have agreed to provide coverage for DTSC's costs.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/2/2015
Date last checked: 9/16/2015
Distance searched: 0.5 miles
Sites:
None Found

CBF-CA
Considered Brownfield Sites
Category: State/Tribal ASTM Other
Description: This database contains facilities that are considered Brownfields reported by the State Waster Resource Controls Board.
Agency: State Waster Resource Controls Board
Phone Number: 9163237905
Date last updated: 9/17/2015
Date last checked: 9/15/2015
Distance searched: 0.5 miles
Sites:
None Found

CDL-CA
Clandestine Drug Labs
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of Clandestine Drug Lab locations. This listing includes active and inactive cases, as well as, labs that need maintenance.
Agency: California Department of Toxic Substances Control
Phone Number: 9162556572
Date last updated: 5/26/2015
Date last checked: 5/19/2015
Distance searched: 0.063 miles
Sites:
None Found

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CDL-US
National Clandestine Drug Lab Register
Category: ERS Supplemental Govt Sources
Description: National Clandestine Drug Lab Register. This database contains a listing of 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.
Agency: Unites States Drug Enforcement Administration
Phone Number: 2023071000
Date last updated: 7/28/2015
Date last checked: 7/8/2015
Distance searched: 0.063 miles
Sites:
None Found

CERCLIS-Archived-US
CERCLIS sites that have been archived
Category: Federal CERCLIS NFRAP
Description: This database contains a listing of Archived CERCLIS sites. The Archive designation means that assessment at a site has been completed and EPA has determined no steps will be taken to designate the site as a priority by listing it on the National Priorities List (NPL). No further remedial action is planned for these sites under the Superfund Program.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/15/2015
Date last checked: 9/15/2015
Distance searched: 0.5 miles
Sites:
None Found

CERCLIS-US
Comprehensive Environmental Response, Compensation, and Liability Information System
Category: Federal CERCLIS
Description: CERCLIS is the Comprehensive Environmental Response, Compensation, and Liability Information System. CERCLIS contains information on hazardous waste sites, potential hazardous waste sites, and remedial activities across the nation, including sites that are on the National Priorities List (NPL) or being considered for the NPL. This database contains a listing of NPL Sites.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/15/2015
Date last checked: 9/15/2015
Distance searched: 0.5 miles
Sites:
None Found

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CHMIRS-CA
California Hazardous Material Incident Report System
Category: Emergency Release Reports
Description: This database contains California's Haz Mat spill notifications reported to the California Office of Emergency Service.
Agency: Governor's Office of Emergency Service
Phone Number: 9168458768
Date last updated: 9/29/2015
Date last checked: 9/18/2015
Distance searched: 0.063 miles
Sites:
None Found

CHWF-CA
Commercial Offsite Hazardous Waste Facilities
Category: ERS Supplemental Govt Sources
Description: This list contains Commercial Recycling Facilities that accept hazardous materials/waste such as: Batteries, Plastics, Oil, Lamps, Metals, Paint related waste etc. Some of the facilities listed handle more than one material. For more information on the facility go to the Facility website listed on the details section.
Agency: Department of Toxic Substance Control
Phone Number: 8777869427
Date last updated: 5/29/2015
Date last checked: 5/19/2015
Distance searched: 0.5 miles
Sites:
None Found

City-AST-CA
Underground Storage Tanks
Category: State/Tribal UST
Description: This database contains registered Aboveground Storage Tanks reported by city agencies. The following is contact information for the respective cities:
Alameda, Union City: 510-567-6704
Alameda, Hayward City: 510 583-4924
Alameda, San Leandro City: 510-577-3401
Agency: Local City Agencies
Phone Number: 7146698096
Date last updated: 3/18/2015
Date last checked: 3/16/2015
Distance searched: 0.25 miles
Sites:
None Found

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City-CUPA-CA
Certified Unified Program Agency
Category: State/Tribal ASTM Other
Description: The records in this database come from city CUPA listings. The CUPA program provides oversight for the following statewide environmental programs: Hazardous Waste, Hazardous Materials Business Plan, California Release Prevention Program, UST, AST, Onsite Hazardous Waste Treatment. The following is contact information for the respective CUPA cities:
Alameda, Union City: (510) 675-5367
Alameda, San Leandro City: (510) 577-3401
Alameda, Hayward City: (510) 583-4924
Sonoma, Santa Rosa City: (707) 543-3537
Sonoma, Healdsburg City: (707) 431-3125
Sonoma, Petaluma City: (707) 778-4389
Sonoma, Sebastopol City: (707) 431-3125
Agency: Local City Agencies
Phone Number: 7146698096
Date last updated: 9/23/2015
Date last checked: 9/1/2015
Distance searched: 0.25 miles
Sites:
None Found

City-Others-CA
Various City Files
Category: State/Tribal ASTM Other
Description: This database contains facilities reported by city agencies. Respective database/listing name is mentioned in the details section of the occurrence.
Santa Clara – San Jose City: 408-535-7694
Agency: Local City Agencies
Phone Number: 7146698096
Date last updated: 9/23/2015
Date last checked: 9/1/2015
Distance searched: 0.25 miles
Sites:
None Found

City-UST-CA
Underground Storage Tanks
Category: State/Tribal UST
Description: This database contains registered Underground Storage Tanks reported by city agencies. The following is contact information for the respective cities:
Alameda, Union City: 510-567-6704
Alameda, Berkeley City: 510-567-6704
Alameda, Hayward City: 510 583-4924

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Alameda, San Leandro City: 510-577-3401
Los Angeles, El Segundo City: 310-524-2242
Los Angeles, Long Beach City: 562-570-4285
Los Angeles, Torrance City: 310-618-2872
Sonoma, Santa Rosa City: 707-565-6571
Kern, Bakersfield City: 661-862-8748
Agency: Local City Agencies
Phone Number: 7146698096
Date last updated: 9/23/2015
Date last checked: 9/1/2015
Distance searched: 0.25 miles
Sites:
None Found

Coal-Ash-Dams-US
Coal Ash Contaminated Sites and Hazard Dams
Category: ERS Supplemental Govt Sources
Description: This database contains coal ash contaminiated sites and hazard dams. Coal combustion waste sites have contaminated groundwater, wetlands, and rivers. The U.S. EPA rates coal ash ponds according to a National Inventory of Dams criteria that categorizes the ponds by the damage that would occur in the event of a dam failure. This database contains High Hazard and Significant Hazard dams.
Agency: EarthJustice
Phone Number: 8005846460
Date last updated: 10/20/2015
Date last checked: 10/12/2015
Distance searched: 0.5 miles
Sites:
None Found

Controls-CA
Calsites with Deed Restrictions or other Controls
Category: State/Tribal Inst/Eng Controls
Description: A deed restricted site is a property where DTSC has placed limits or requirements on future use of the property due to varying levels of cleanup possible, practical, or necessary at the site. The DTSC Site Mitigation and Brownfield's 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. Not all deed restrictions are available at this time.
Agency: California Department of Toxic Substances Control
Phone Number: 9162553745
Date last updated: 9/29/2015
Date last checked: 9/18/2015
Distance searched: 0.5 miles
Sites:
None Found

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Controls-RCRA-US
Federal RCRA with Controls
Category: Federal Inst/Eng Controls
Description: This database contains RCRA facilities that have Inst/Eng Controls placed on them as identified by the EPA.
Agency: Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/29/2015
Date last checked: 9/16/2015
Distance searched: 0.5 miles
Sites:
None Found

Controls-US
Controls List
Category: Federal Inst/Eng Controls
Description: This database contains a listing of Voluntary Action Program Sites with Engineering Controls and/or Institutional Controls placed on them and were identified by the Environmental Protection Agency.
Agency: Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/15/2015
Date last checked: 9/15/2015
Distance searched: 0.5 miles
Sites:
None Found

CORTESE-CA
Cortese Hazardous Waste & Substances Sites List
Category: State/Tribal ASTM Other
Description: The Hazardous Waste and Substances Sites (Cortese) List. These sites are active or backlogged on remediation and may also be listed on other CA databases. The specific database type was done to comply with the California Environmental Quality Act.
Agency: California Department of Toxic Substances Control
Phone Number: 8007286942
Date last updated: 9/30/2015
Date last checked: 9/18/2015
Distance searched: 0.25 miles
Sites:
None Found

County-AST-CA
Aboveground Storage Tanks

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Category: State/Tribal UST
Description: This database contains Aboveground Storage Tanks reported by county agencies in California. The following is contact information for the respective counties:
Amador: 209-223-6439
Contra Costa: 925-335-3200
Del Norte: 707-465-0426
Imperial: 760-352-0381
Lake: 707-263-1164
Mendocino: 707-234-6625
Merced: 209-381-1100
Mono: 760-924-1830
Napa: 707-253-4471
Orange: 714-433-6000
Placer: 530-745-2350
San Bernardino: 909-386-8400
San Joaquin: 209-468-3451
San Mateo: 650-372-6200
Sonoma: 707-565-1152
Sutter: 530-822-7400
Tuolumne: 209-533-5633
Yolo: 530-666-8646
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 9/23/2015
Date last checked: 9/1/2015
Distance searched: 0.25 miles
Sites:
None Found

County-BI-CA
Business Inventory
Category: ERS Supplemental Govt Sources
Description: This database contains Business Inventory listing reported by county agencies of California. List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks
San Mateo: 650-372-6200
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 8/14/2015
Date last checked: 7/31/2015
Distance searched: 0.25 miles
Sites:
None Found

County-Hist-CA

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Historic County Llistings
Category: State/Tribal ASTM Other
Description: This database contains historic databases reported by county agencies.
San Diego: 619-505-6921
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

County-LUST-CA
Leaking Underground Storage Tanks
Category: State/Tribal LUST
Description: This database contains leaking underground storage tanks reported by county agencies in California. Either the reporting agency has not provided the status or the case has been referred to the SWRCB. The following is contact information for the respective counties:
Alameda: 510-567-6700
Riverside: 951 955-8980
San Joaquin: 209-468-3451
Sonoma: 707-565-6571
Stanislaus: 209-525-6700
Ventura: 805-654-2815
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 9/23/2015
Date last checked: 9/1/2015
Distance searched: 0.5 miles
Sites:
Song's Arco MapID: 2 Listed

County-LUST-Closed-CA
Leaking Underground Storage Tanks, Closed Cases
Category: State/Tribal LUST
Description: This database contains leaking underground storage tanks reported by county agencies in California. The following is contact information for the respective counties:
Alameda: 510-567-6700
Humboldt: 707-268-2212
Napa: 707-253-4471
Riverside: 951 955-8980
San Mateo: 650-372-6200
Santa Clara: 408-918-3400
Sonoma: 707-565-6571

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Orange: 714-433-6000
San Diego: 858-505-6818
San Joaquin: 209-468-3451
Solano: 707-784-3314
Stanislaus: 209-525-6700
Tulare: 559-624-7419
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 9/23/2015
Date last checked: 9/1/2015
Distance searched: 0.25 miles
Sites:
Mountain View Country Club MapID: 1 Closed

County-LUST-Open-CA
Leaking Underground Storage Tanks, Open Cases
Category: State/Tribal LUST
Description: This database contains leaking underground storage tanks reported by county agencies in California. The following is contact information for the respective counties:
Alameda: 510-567-6700
Humboldt: 707-268-2212
Napa: 707-253-4471
Riverside: 951 955-8980
San Mateo: 650-372-6200
Santa Clara: 408-918-3400
Sonoma: 707-565-6571
Orange: 714-433-6000
San Diego: 858-505-6818
San Joaquin: 209-468-3451
Solano: 707-784-3314
Stanislaus: 209-525-6700
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 9/23/2015
Date last checked: 9/1/2015
Distance searched: 0.5 miles
Sites:
None Found

County-Others-CA
Various County Files
Category: State/Tribal ASTM Other
Description: This database contains facilities reported by county agencies. Respective database/listing name is mentioned in the details section of the occurrence.

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Sacramento: 916-875-8484
San Joaquin: 209-468-3420
Ventura: 805-654-2815
Solano: 707-784-6765
Napa: 707-253-4471
Alameda: 510-567-6700
Placer: 530-745-2350
Contra Costa: 925-313-6636
San Bernardino: 909-386-8401
Riverside: 951-358-7018
Orange: 714-433-6000
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 9/23/2015
Date last checked: 9/1/2015
Distance searched: 0.25 miles
Sites:
None Found

County-SLIC-Closed-CA
County SLIC Sites
Category: Emergency Release Reports
Description: This database contains SLIC sites reported by county agencies. The following is contact information for the respective counties:
Alameda: 510-567-6700
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 9/23/2015
Date last checked: 9/1/2015
Distance searched: 0.25 miles
Sites:
None Found

County-SLIC-Open-CA
County SLIC Sites
Category: Emergency Release Reports
Description: This database contains SLIC sites reported by county agencies. The following is contact information for the respective counties:
Alameda: 510-567-6700
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 9/23/2015
Date last checked: 9/1/2015
Distance searched: 0.5 miles
Sites:

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None Found

County-SML-CA
County Site Mitigation Unit List
Category: State/Tribal ASTM Other
Description: This database contains sites listed by the Site Mitigation Unit program at various county agencies. The following is contact information for the respective counties:
Santa Barbara: 805-346-8359
Santa Cruz: 831-454-2761
Solano: 707-784-6765
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 5/18/2015
Date last checked: 4/6/2015
Distance searched: 0.5 miles
Sites:
None Found

County-SWF-CA
County Solid Waste Facilities
Category: State/Tribal Landfill/Solid Waste
Description: This database contains a listing of solid waste facilities reported by county agencies. The following is the contact information for the respective counties:
Alameda: 510-567-6790
Los Angeles: 888-253-2652
Napa: 707-253-4471
San Diego: 858-694-2801
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 9/25/2015
Date last checked: 9/1/2015
Distance searched: 0.5 miles
Sites:
None Found

County-UST-CA
Underground Storage Tanks
Category: State/Tribal UST
Description: This database contains registered Underground Storage Tanks reported by county agencies. The following is contact information for the respective counties:
Amador: 209-223-6439
Contra Costa: 925-335-3200
Del Norte: 707-465-0426
Humboldt: 707-268-2204

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Imperial: 760-352-0381
Kern: 661-862-8748
Lake: 707-263-1164
Marin: 415-473-7085
Merced: 209-381-1100
Mendocino: 707-234-6625
Mono: 760-924-1830
Napa: 707-253-4471
Orange: 714-433-6000
Placer: 530-745-2350
Riverside: 951 955-8980
San Bernardino: 909-386-8400
San Joaquin: 209-468-3451
San Mateo: 650-372-6200
Solano: 707-784-6765
Sonoma: 707-565-6571
Sutter: 530-822-7400
Tuolumne: 209-533-5633
Ventura: 805-654-2815
Yolo: 530-666-8646
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 9/23/2015
Date last checked: 9/1/2015
Distance searched: 0.25 miles
Sites:
None Found

CUPA-CA
Certified Unified Program Agency
Category: State/Tribal ASTM Other
Description: The records in this database come from county CUPA listings. The CUPA program provides oversight for the following statewide environmental programs: Hazardous Waste, Hazardous Materials Business Plan, California Release Prevention Program, UST, AST, Onsite Hazardous Waste Treatment. The following is contact information for the respective CUPA counties:
Alpine: (530) 694-2235
Amador: 209-223-6439
Butte: (530) 538-7281
Colusa: (530) 458-0395
Del Norte: (707) 465-0426
El Dorado: (530) 621-5300
Fresno: (559) 600-3271
Humboldt: (707) 445-6215
Imperial: (760) 352-0381
Inyo: (760) 878-0238
King: (559) 584-1411

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Lake: 707-263-1164
Madera: (559) 675-7823
Marin: 415-473-7085
Merced: (209) 381-1100
Mono: (760) 924-1830
Monterey: (831) 755-4511
Nevada: (530) 265-7134
San Bernardino: (909) 386-8401
San Diego: (858) 505-6880
San Luis Obispo: (805) 781-5544
Santa Clara: (408) 918-3400
Santa Cruz: (831) 454-2022
Shasta: (530) 225-5787
Solano: (707) 784-3314
Sonoma: (707) 565-1152
Sutter: (530) 822-7400
Tuolumne: (209) 533-5633
Ventura: (805) 654-2823
Yuba: (530) 749-5450
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 9/23/2015
Date last checked: 7/31/2015
Distance searched: 0.25 miles
Sites:
None Found

Dams-CA
California Dams
Category: ERS Supplemental Govt Sources
Description: This database contains dam locations in California. The data is provided by the University of Arizona Institutional Repository and has not been updated since 1996.
Agency: United States Environmental Protection Agency
Phone Number: 2022607301
Date last updated: 7/24/2014
Date last checked: 7/23/2014
Distance searched: 0.25 miles
Sites:
None Found

DCF2-CA
Dry Cleaners
Category: ERS Supplemental Govt Sources
Description: This database contains dry cleaner locations reported by Reference USA GOV.
Agency: Reference USA GOV

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Phone Number: 8005555211
Date last updated: 6/1/2015
Date last checked: 5/28/2015
Distance searched: 0.25 miles
Sites:
None Found

Debris-US
Debris Sites
Category: Federal Solid Waste
Description: This database contains the Torres Martinez Reservation Illegal dump sites reported by the United States Environmental Protection Agency.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

Delisted-NPL-US
Delisted NPL Sites
Category: Federal Delisted NPL
Description: This database contains a listing of Delisted NPL sites. These are facilities that have been removed from the NPL list. The EPA may delete a final NPL site if it determines that no further response is required to protect human health or the environment.
Agency: Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 7/1/2015
Date last checked: 7/1/2015
Distance searched: 1 mile
Sites:
None Found

DPR-CA
Pesticide Regulation Licenses
Category: ERS Supplemental Govt Sources
Description: This database contains businesses that have been issued a Department of Regulation Pesticide license as reported by the California Department of Pesticide Regulation.
Agency: California Department of Pesticide Regulation
Phone Number: 9164454038
Date last updated: 5/29/2015
Date last checked: 5/26/2015
Distance searched: 0.25 miles

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Sites:
None Found

DryCleaners-CA
Dry Cleaner Facilities
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of drycleaners reported by the California Department of Toxic Substances Control.
Agency: California Department of Toxic Substances Control
Phone Number: 8007286942
Date last updated: 5/29/2015
Date last checked: 5/26/2015
Distance searched: 0.25 miles
Sites:
None Found

DTG-CA
Depth to Groundwater
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of Depth to Groundwater reported by the Los Angeles region State Water Resources Control Board.
Agency: California State Water Resources Control Board
Phone Number: 2135766600
Date last updated: 9/21/2015
Date last checked: 9/21/2015
Distance searched: 0.25 miles
Sites:
None Found

EGRID-US
Emissions & Generation Resource Facilities
Category: ERS Supplemental Govt Sources
Description: Emissions & Generation Resource Integrated Database (eGRID) is a comprehensive source of data on the environmental characteristics of almost all electric power generated in the United States.
Agency: Environmental Protection Agency
Phone Number: 2023439340
Date last updated: 7/8/2015
Date last checked: 7/8/2015
Distance searched: 0.5 miles
Sites:
None Found

ENF-CA

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Enforcement Actions Data
Category: State/Tribal ASTM Other
Description: This database contains facilities that have been assigned an Enforcement Action by the California State Water Resources Control Board.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 9/30/2015
Date last checked: 9/18/2015
Distance searched: 0.25 miles
Sites:
MOUNTAIN VIEW COUNTRY CLUB MapID: 1 Listed

EPA-Watch-List-US
EPA Watch List
Category: ERS Supplemental Govt Sources
Description: This database contains facilities listed on the Clean Air Act, Clean Water Act, and RCRA Watch List. These reports are now considered archived and will no longer be updated. Being on the Watch List may not mean that the facility has actually violated the law
only that an evaluation or investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. The Watch List does
not identify which alleged violations of environmental laws may pose the greatest risk to public health or the environment. It is an automated report based on data from the Air Facility System
(AFS), which is used by federal, state and local agencies to track environmental enforcement and compliance information.
Agency: Environmental Protection Agency
Phone Number: 2025661667
Date last updated: 9/4/2015
Date last checked: 8/5/2015
Distance searched: 0.25 miles
Sites:
None Found

ERNS-US
Emergency Response Notification System
Category: Federal ERNS
Description: The primary function of the National Response Center is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database contains a listing of discharge locations.
Agency: National Response Center
Phone Number: 8004248802
Date last updated: 3/2/2015
Date last checked: 7/8/2015
Distance searched: 0.063 miles

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Sites:
None Found

FA-HW-CA
Financial Assurance, Hazardous Waste
Category: ERS Supplemental Govt Sources
Description: This database contains Financial Assurance facilities under the Hazardous Waste program reported by the California Department of Toxic Substances Control.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 10/1/2015
Date last checked: 9/24/2015
Distance searched: 0.063 miles
Sites:
None Found

FA-HW-US
Financial Assurance, Hazardous Waste
Category: ERS Supplemental Govt Sources
Description: This database contains Financial Assurance facilities listed under the Hazardous Waste program as reported by the United States Environmental Protection Agency.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 7/27/2015
Date last checked: 6/23/2015
Distance searched: 0.063 miles
Sites:
None Found

FA-SWF-CA
Financial Assurance, Solid Waste Facilities
Category: ERS Supplemental Govt Sources
Description: This database contains Financial Assurance facilities under the Solid Waste program reported by the California Department of Resources Recycling and Recovery.
Agency: California Department of Resources Recycling and Recovery
Phone Number: 9163416320
Date last updated: 5/29/2015
Date last checked: 5/26/2015
Distance searched: 0.063 miles
Sites:
None Found

FEMA-UST-US

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FEMA Underground Storage Tanks
Category: Federal UST
Description: This database contains Federal Emergency Management Agency (FEMA) owned and operated underground storage tanks. The report was published in 2006.
Agency: Environmental Protection Agency
Phone Number: 7036037165
Date last updated: 9/4/2015
Date last checked: 5/15/2015
Distance searched: 0.25 miles
Sites:
None Found

FRS-US
Facility Registry Index (FINDS)
Category: ERS Supplemental Govt Sources
Description: The Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest.
Agency: Environmental Protection Agency
Phone Number: 2022720167
Date last updated: 11/20/2014
Date last checked: 7/8/2015
Distance searched: 0.063 miles
Sites:
None Found

FTTS-ENF-US
FIFRA/TSCA Tracking System (FTTS) Enforcement Actions
Category: Federal ASTM Other
Description: The FIFRA/TSCA Tracking System (FTTS) is a regional system used to track compliance activities such as inspections, case review, enforcement actions taken, samples collected, and pesticide grants and cooperative agreement information. The compliance monitoring and enforcement activities are tracked from the time an inspector conducts (or schedules) an inspection until the time the case is closed or the enforcement action is settled. Specific legal citations include, but are not limited to: Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Toxic Substances Control Act (TSCA), and Emergency Planning and Community Right-to-Know Act (EPCRA).
Agency: United States Environmental Protection Agency
Phone Number: 2025642501
Date last updated: 7/10/2014
Date last checked: 5/4/2015
Distance searched: 0.063 miles
Sites:
None Found

FTTS-INSP-US

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FIFRA/TSCA Tracking System (FTTS) Inspections
Category: ERS Supplemental Govt Sources
Description: The FIFRA/TSCA Tracking System (FTTS) is a regional system used to track compliance activities such as inspections, case review, enforcement actions taken, samples collected, and pesticide grants and cooperative agreement information. The compliance monitoring and enforcement activities are tracked from the time an inspector conducts (or schedules) an inspection until the time the case is closed or the enforcement action is settled. Specific legal citations include, but are not limited to: Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Toxic Substances Control Act (TSCA), and Emergency Planning and Community Right-to-Know Act (EPCRA).
Agency: United States Environmental Protection Agency
Phone Number: 2025642501
Date last updated: 7/10/2014
Date last checked: 5/4/2015
Distance searched: 0.063 miles
Sites:
None Found

FUDS-US
Formerly Used Defense Sites
Category: ERS Supplemental Govt Sources
Description: The Department of Defense (DoD) is responsible for environmental restoration of properties that were formerly owned by, leased to or otherwise possessed by the United States and under the jurisdiction of the Secretary of Defense. Such properties are known as Formerly Used Defense Sites (FUDS). The Army is the executive agent for the program and the U.S. Army Corps of Engineers manages and directs the program's administration. The scope and magnitude of the FUDS program are significant, with more than 9,900 properties identified for potential inclusion in the program. Information about the origin and extent of contamination, land transfer issues, past and present property ownership, and program policies must be evaluated before DoD considers a property eligible for Defense Environment Restoration Account (DERA) funding under the FUDS program. Environmental cleanup procedures at FUDS are similar to those at active DoD installations.
Agency: Department of Defense
Phone Number: 2025284285
Date last updated: 3/13/2015
Date last checked: 3/2/2015
Distance searched: 1 mile
Sites:
None Found

Haulers-CA
Registered Waste Tire Haulers Listing
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of listing of registered waste tire haulers.
Agency: California Department of Resources Recycling and Recovery
Phone Number: 9163416422
Date last updated: 5/26/2015

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Date last checked: 5/26/2015
Distance searched: 0.063 miles
Sites:
None Found

HazWaste-CA
Hazardous Waste Sites
Category: State/Tribal ASTM Other
Description: This database contains a listing of Hazardous Waste Sites tracked by DTSC. The majority of the sites are no longer in operation.
Agency: California Department of Toxic Substance Control
Phone Number: 9163233400
Date last updated: 9/30/2015
Date last checked: 9/18/2015
Distance searched: 0.25 miles
Sites:
None Found

Hist-AFS2-US
Air Facility System for Clean Air Act stationary sources
Category: ERS Supplemental Govt Sources
Description: AFS contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners (automobiles and other mobile air pollution sources are tracked by a different AIRS subsystem (AMS).
Agency: Environmental Protection Agency
Phone Number: 2025645962
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-AFS-US
Air Facility System for Clean Air Act stationary sources
Category: ERS Supplemental Govt Sources
Description: AFS contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners (automobiles and other mobile air pollution sources are tracked by a different AIRS subsystem (AMS).
Agency: Environmental Protection Agency
Phone Number: 2025645962
Date last updated: Historical Database
Date last checked: N/A

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Distance searched: 0.25 miles
Sites:
None Found

Hist-Agriculture
Ranches/Farms, Livestock/Agriculture
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Ranches, Farms, Livestock, and/or Agriculture. This classification covers establishments primarily engaged in the production or feeding of beef cattle, except feedlots. Establishments also included are engaged in the production of cows' milk and other dairy products and in raising dairy heifer replacements. Such farms may process and bottle milk on the farm and sell at wholesale or retail. This category also includes establishments primarily engaged in the production of animal specialties, not elsewhere classified, such as pets, bees, worms, and laboratory animals. Furthermore, this industry includes establishments primarily engaged in the production of cash grains, not elsewhere classified. Primary cash grains in this classification include dry field and seed peas and beans, safflowers, sunflowers, and popcorn.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Auto Dealers
Auto and Truck Dealers
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Auto Dealers. This classification is comprised of establishments involved in the retail sale of new automobiles and light trucks. This category also covers establishments primarily engaged in the retail sale of used cars only, with no sales of new automobiles, new automobile tires, batteries, and other automobile parts and accessories.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Auto Repair

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Automotive Repair
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Auto Repair and Tire Dealers. This classification is primarily selling, tires, replacement parts, batteries, and other automotive accessories. In addition, many operate service departments.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-CA
Previously Listed California Sites
Category: ERS Supplemental Govt Sources
Description: ERS has compiled records that have been previously listed in other agency databases. When ERS updates an agency database, if there is a record that was in the older version but the record is not found in the newer version, it is put into this database. The site may have been completely removed, or there was a significant change in the record such as Name, ID, or Address. The information from the old listing is preserved in this database along with which database it was originally in, It is also possible that it was moved from one database to another such as a LUST Open site receiving closure and now being listed in the LUST Closed database.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Chemical Manufacturing
Manufacturing and Distribution of Chemicals, Gases, and/or Solids
Category: ERS Exclusive Historic Sources

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Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Manufacturing and Distribution of Chemicals, Gases, and/or Solids. This industry classification includes establishments engaged in manufacturing alkalies and chlorine. Examples of products include compressed or liquefied chlorine, sodium or potassium hydroxide, sodium bicarbonate, and soda ash (not produced at mines). Manufacturing of industrial gases (organic as well as inorganic) that may be sold in compressed, liquid, or solid form. Industrial gases include acetylene, argon, carbon dioxide, helium, hydrogen, neon, nitrogen, nitrous oxide, and oxygen. Also, manufacturing industrial inorganic chemicals not elsewhere classified. A few examples are alum, ammonium compounds (except for fertilizer), industrial bleaches (sodium or calcium hypochlorite), chemical catalysts, hydrazine, hydrochloric acid, hydrogen peroxide, inorganic sodium compounds, and sulfuric acid. Other chemicals, not elsewhere classified, such as, fatty acids, essential oils, gelatin (except vegetable), sizes, bluing, laundry sours, writing and stamp pad ink, industrial compounds, such as boiler and heat insulating compounds, metal, oil, and water treating compounds, waterproofing compounds, and chemical supplies for foundries. This category also includes manufacturing various resins and plastics for sale to other industries that create plastic sheets, rods, films, and other products. The category also includes synthetic rubber, soap and detergents, rayon and acetate fibers. Furthermore, this category includes industrial and household adhesives, glues, caulking compounds, sealants, and linoleum, tile, rubber cements from vegetable, hardwood and softwood distillation products, natural dyes, tanning materials, and related products
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Cleaners
Laundry, Cleaners, and Dry Cleaning Services
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites, such as: Laundry, Cleaners, and Dry Cleaning Services. This category includes firms that primarily operate mechanical laundries powered with steam or other means, offer services, such as, dry cleaning or dyeing apparel, household fabrics, cleaning carpets and upholstered furniture, repair, alteration, and storage of clothes for individuals. Also, these establishments may provide laundered or dry-cleaned services to industrial, commercial, and government users. This category also includes establishments that primarily serve as agents for launderers and drycleaners. Furthermore, this category also includes businesses that primarily supply or rent to commercial establishments or household users the following laundered items: uniforms, gowns, and coats used by doctors, nurses, barbers, beauticians, and waitresses; table linens, bed linens, towels and toweling; and similar various items.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database

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Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Controls-CA
Previous Restricted Use Sites
Category: State/Tribal Inst/Eng Controls
Description: This database contains a listing of previous (historical) restricted use sites where DTSC placed limits or requirements on future use of the property.
Agency: Department of Toxic Substances Control
Phone Number: 9162553745
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

Hist-Cort-CA
Hist Cortese list
Category: State/Tribal ASTM Other
Description: This database contains historical cortese llistings reported by the California State Water Resource Control Board.
Agency: California State Water Resource Control Board.
Phone Number: 8007286942
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Dumps-US
Dumps Inventory of 1985
Category: Federal Solid Waste
Description: This database contains Dumps as reported on the Inventory of Open Dumps from 1985. This report was published by the Office of Solid Waste, EPA.
Agency: Environmental Protection Agency
Phone Number: 2025660200
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

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Hist-FIFRA-US

Case Administration Data from National Compliance Database (Federal Insecticide, Fungicide, and Rodenticide Act)

Category: ERS Supplemental Govt Sources

Description: This database is no longer maintained by EPA since 2006. The system tracked compliance monitoring and enforcement activities from the time an inspector conducts an inspection until the inspector closes the case or settles any resulting enforcement action(s). EPA now has the ICS database to track this information.

Agency: U.S. Environmental Protection Agency

Phone Number: 2025642501

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Machine Shop

Machine Shops, Welding, Machine Repair

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites, such as: Machine shops, welding shops and machine repair.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-Manufacturing

Historic Sources US: Manufacturing

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes manufacturing sites.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

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Hist-Metal Plating
Metal Plating
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes metal plating sites.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

HIST-MLTS-US
Material Licensing Tracking System
Category: ERS Supplemental Govt Sources
Description: This database contains facilities listed on the Material Licensing Tracking system that possess or use radioactive materials as reported by the U.S. Nuclear Regulatory Commission. In late 2012, the agency changed from MLTS to WBL system and no longer keep track of certain information that was available in the old MLTS system.
Agency: U.S. Nuclear Regulatory Commission
Phone Number: 3014157169
Date last updated: 12/18/2014
Date last checked: 12/18/2014
Distance searched: 0.25 miles
Sites:
None Found

Hist-Mortuaries
Crematories/Mortuaries
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Mortuaries and Crematories. This classification includes establishments primarily engaged in preparing the dead for burial, conducting funerals, and cremating the dead.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:

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None Found

HIST-MTBE-CA
Historical Sites With MTBE (Methyl Tertiary-Butyl Ether) Contamination
Category: ERS Supplemental Govt Sources
Description: This database contains Historical Sites With MTBE (Methyl Tertiary-Butyl Ether) Contamination reported by the California Regional Water Quality Control Boards.
Agency: California Environmental Protection Agency-California Regional Water Quality Control Boards
Phone Number: 9163415254
Date last updated: 5/12/2014
Date last checked: 5/12/2014
Distance searched: 0.25 miles
Sites:
None Found

Historical-CA
Historical Sites
Category: ERS Supplemental Govt Sources
Description: Identifies sites from an older database where no site type was identified. Most of these sites have a status of Referred or No Further Action. DTSC is working to clean-up this data by identifying an appropriate site type for each “Historic” site.
Agency: California Department of Toxic Substance Control
Phone Number: 8777869427
Date last updated: 9/21/2015
Date last checked: 9/21/2015
Distance searched: 0.5 miles
Sites:
None Found

Hist-Paint-Stores
Paint Stores
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes paint stores.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

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Hist-Petroleum

Petroleum Refining/ Manufacturing/ Chemicals

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Petroleum Refining, Manufacturing, and/or processing Chemicals. This category covers establishments engaged primarily in producing gasoline, kerosene, distillate fuel oils, residual fuel oils, and lubricants through fractionation or straight distillation of crude oil, re-distillation of unfinished petroleum derivatives, cracking, or other processes. This category also includes establishments primarily engaged in manufacturing packaged fuel, powdered fuel, and other products of petroleum and coal not elsewhere classified, asphalt and tar paving mixtures and paving blocks made of asphalt mixed. Furthermore, this category includes establishments primarily engaged in blending, compounding, and re-refining lubricating oils and greases from purchased mineral, animal, and vegetable materials.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-Printers

Printers and Publishers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Printers and Publishers. This category is primarily engaged in publishing newspapers or in publishing and printing newspapers, publishing and printing periodicals, publishing and printing books and pamphlets. Other forms of publishing not elsewhere classified, such as, atlases, business service newsletters, calendars, catalogs, directories, guides, maps and map globe covers, paper patterns, race track programs, racing forms, sheet music, shopping news, technical manuals and papers, telephone directories, and yearbooks, as well as the activity of micropublishing. This category also includes, commercial printing of magazines, postage stamps, dollar bills, calendars, fine art prints, wallpaper, catalogs, coupons, directories, newspaper advertising inserts, playing cards, postcards, gift wrap, and product packaging and wrappers, greeting cards, blank books, including checkbooks and books with ruling paper, and loose-leaf binders. Furthermore, these industries are also engaged in typesetting for the trade, including advertising typesetting, hand or machine composition, photocomposition, phototypesetting, computer-controlled typesetting, and typographic composition.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

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None Found

Hist-Prop65-CA
Historical Prop 65 Sites
Category: ERS Supplemental Govt Sources
Description: This database contains historical sites that have a Prop 65 form on their file as reported by the Ventura County Environmental Health.
Agency: Ventura County Environmental Health
Phone Number: 8056542815
Date last updated: 11/11/2014
Date last checked: 9/28/2015
Distance searched: 0.25 miles
Sites:
None Found

HIST-R4-CA
Historical sites
Category: State/Tribal ASTM Other
Description: This database contains a listing of Historical sites in Los Angeles Region reported by Los Angeles Regional Water Quality Control Board.
Agency: Los Angeles Regional Water Quality Control Board
Phone Number: 2135766725
Date last updated: 5/16/2014
Date last checked: 5/12/2014
Distance searched: 0.25 miles
Sites:
None Found

Hist-RV-Dealers
Trailer and Recreational Vehicle Dealers
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Trailer and Recreational Vehicle Dealers. This classification is comprised of establishments involved in the retail sale of new and used motor homes, recreational trailers, and campers (pickup coaches), motorcycles, motorboats and other watercraft, marine supplies, and outboard motors.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

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Hist-Salvage
Vehicle Salvage Yards or Wreckers
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Vehicle Salvage Yards or Wreckers.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Service Stations
Service Stations/Vehicle Fueling
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Service Stations/Vehicle Fueling Stations. This category includes gasoline service stations primarily engaged in selling gasoline and lubricating oils. These establishments frequently sell other merchandise, such as tires, batteries, and other automobile parts, or perform minor repair work.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-SWF-CA
Previous listed Solid Waste Facilities
Category: State/Tribal Landfill/Solid Waste
Description: This database contains a listing of previous listed active sites that may no longer be active as reported by the California Department of Toxic and Substance Control.
Agency: California Department of Toxic and Substance Control
Phone Number: 9163233400
Date last updated: 5/8/2014
Date last checked: 5/8/2014
Distance searched: 0.5 miles
Sites:
None Found

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Hist-Transportation
Transportation Facilities
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Airports and other facilities that may handle hazardous materials and petroleum products.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Trucking
Trucking, Shipping, Delivery, and/or Storage
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Trucking, Shipping, and/or Delivery Storage. This category covers establishments primarily engaged in furnishing trucking or transfer services without storage for freight generally weighing more than 100 pounds, in a single municipality, contiguous municipalities, or a municipality and its suburban areas. This category also includes establishments primarily engaged in the delivery of individually addressed letters, parcels, and packages (generally under 100 pounds), except by means of air transportation or by the United States Postal Service. This category covers establishments primarily engaged in furnishing "over-the-road" trucking services or storage services, including household goods either as common carriers or under special or individual contracts or agreements, for freight generally weighing more than 100 pounds. This category also includes establishments primarily engaged in the warehousing and storage of special products, not elsewhere classified, such as household goods, automobiles (dead storage only), furs (for the trade), textiles, oil, chemicals, lumber, whiskey, and goods at foreign trade zones, farm products, perishable goods under refrigeration.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-US
Previously Listed Federal Sites

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Category: ERS Supplemental Govt Sources
Description: ERS has compiled records that have been previously listed in other agency databases. When ERS updates an agency database, if there is a record that was in the older version but the record is not found in the newer version, it is put into this database. The site may have been completely removed, or there was a significant change in the record such as Name, ID, or Address. The information from the old listing is preserved in this database along with which database it was originally in, It is also possible that it was moved from one database to another such as a LUST Open site receiving closure and now being listed in the LUST Closed database.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-US-EC
Engineering Controls Sites List
Category: Federal Inst/Eng Controls
Description: This database contains a listing of Voluntary Action Program Sites with Engineering Controls placed on them and were identified by the Environmental Protection Agency.
Agency: Environmental Protection Agency
Phone Number: 8004249346
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

Hist-USGS-WaterWells-CA
Ground Water Site Inventory for California
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of wells, springs, test holes, tunnels, drains, and excavations in California.
Agency: United States Geological Survey, Water Resources Program
Phone Number: 9162783000
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-US-IC
Sites with Institutional Controls

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Category: Federal Inst/Eng Controls
Description: This database contains a listing of Voluntary Action Program Sites with Institutional Controls placed on them and were identified by the Environmental Protection Agency.
Agency: Environmental Protection Agency
Phone Number: 8004249346
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

Hist-UST-CA
Historical Underground Storage Tanks
Category: State/Tribal UST
Description: The California State Water Resources Control Board maintained the Hazardous Substances Storage Container Information on file. This is a database that is considered historical by RWQCB as historical and no longer updated.
Agency: California State Water Resources Control Board
Phone Number: 9163415851
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Vehicle-Parts
Vehicle Parts
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Vehicle Parts Dealers. This category includes establishments primarily engaged in the retail sale of new automobile tires, batteries, and other automobile parts and accessories.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-WIP-Active-CA
Well Investigation Program Case List, Active Sites
Category: State/Tribal ASTM Other

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Description: The Los Angeles Regional Water Quality Control Board maintains a listing under the San Gabriel-San Fernando Valley Cleanup Programs (Case List). The Well Investigation Program tracks these sites. These records are active and also on the California SLIC database. This database is no longer updated.
Agency: Los Angeles Regional Water Quality Control Board
Phone Number: 2135766725
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

Hist-WIP-Backlog-CA
Well Investigation Program Case List, Backlog Sites
Category: State/Tribal ASTM Other
Description: The Los Angeles Regional Water Quality Control Board maintains a listing under the San Gabriel-San Fernando Valley Cleanup Programs (Case List). The records on this database have not been currently assigned to a staff member and/or has very low priority in terms of contamination. This database is no longer updated.
Agency: Los Angeles Regional Water Quality Control Board
Phone Number: 2135766725
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

Hist-WIP-Historical-CA
Well Investigation Program Case List, Historical Sites
Category: State/Tribal ASTM Other
Description: The Los Angeles Regional Water Quality Control Board maintains a listing under the San Gabriel-San Fernando Valley Cleanup Programs (Case List). The records in this database have received a No Further Action Letter. This database is no longer updated.
Agency: Los Angeles Regional Water Quality Control Board
Phone Number: 2135766725
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

HMIS-US
Hazardous Materials Information System
Category: Federal Emergency Release Reports

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Description: Data includes spills, releases, or other incidents involving hazardous materials in commerce during the course of transportation. All modes of transportation are included except pipeline and bulk marine transportation. Data represent a census of all incidents reportable to the U.S. Department of Transportation This database contains a listing of spills. (DOT). U.S. federal regulations require all spills meeting the following criteria to be reported, in writing, to DOT's Office of Hazardous Materials Safety.
Agency: US Department of Transportation Pipeline and Hazardous Materials Safety Administration
Phone Number: 2023664433
Date last updated: 9/1/2015
Date last checked: 7/8/2015
Distance searched: 0.063 miles
Sites:
None Found

HWIS-CA
Hazardous Waste Information Summary
Category: State/Tribal RCRA Equivalent
Description: The Hazardous Waste Summary Report (formerly the Tanner Report) is prepared from data extracted from the copies of hazardous waste manifests received each year by DTSC. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments. This database contains a listing of facilities extracted from the data.
Agency: California Department of Toxic Substances Control
Phone Number: 9162553745
Date last updated: 9/21/2015
Date last checked: 9/21/2015
Distance searched: 0.063 miles
Sites:
MOUNTAIN VIEW COUNTRY CLUB MapID: 1 Listed

HWT-CA
Hazardous Waste Transporters
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of Registered Hazardous Waste Transporters in California defined by the Department of Toxic Substance Control. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.
Agency: California Department of Toxic of Substance Control
Phone Number: 9164407145
Date last updated: 5/26/2015
Date last checked: 5/22/2015
Distance searched: 0.25 miles
Sites:
None Found

ICIS-Air-US

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Integrated Compliance Information System for Air
Category: ERS Supplemental Govt Sources
Description: The Integrated Compliance Information System for Air (ICIS-Air) data exchange allows all State, Local, and Tribal Air agencies providing air stationary source enforcement and compliance data to submit their data to EPA via the Exchange Network.
Agency: Environmental Protection Agency
Phone Number: 2025645962
Date last updated: 9/8/2015
Date last checked: 7/15/2015
Distance searched: 0.063 miles
Sites:
None Found

ICIS-FEC-US
Integrated Compliance Information System for Federal Enforcement Data
Category: ERS Supplemental Govt Sources
Description: The Integrated Compliance Information System (ICIS) tracks all formal administrative and judicial enforcement actions taken by the U.S. EPA and is used as the system of record to provide official enforcement data.
Agency: Environmental Protection Agency
Phone Number: 2025646962
Date last updated: 7/29/2015
Date last checked: 7/20/2015
Distance searched: 0.063 miles
Sites:
None Found

ICIS-NPDES-US
National Pollutant Discharge Elimination System (NPDES)
Category: ERS Supplemental Govt Sources
Description: The National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. This database contains a listing of permit holders.
Agency: United States Environmental Protection Agency
Phone Number: 2022720167
Date last updated: 2/17/2015
Date last checked: 2/27/2015
Distance searched: 0.063 miles
Sites:
None Found

Land-Disposal-CA
Land Disposal-Landfill
Category: State/Tribal Landfill/Solid Waste

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Description: This database contains a listing of Land Disposal Sites managed by RWQCB. Cleanup status is included on data.
Agency: California Regional Water Quality Control Board
Phone Number: 9163415455
Date last updated: 10/1/2015
Date last checked: 9/18/2015
Distance searched: 0.5 miles
Sites:
None Found

LA-Waste-Haulers-CA
Waste Haulers
Category: ERS Supplemental Govt Sources
Description: This database contains waste haulers as reported by the Los Angeles Department of Public Works.
Agency: Department of Public Works
Phone Number: 8882532652
Date last updated: 5/29/2015
Date last checked: 5/26/2015
Distance searched: 0.063 miles
Sites:
None Found

Lead-Smelter-2-US
Lead Smelter Sites
Category: ERS Supplemental Govt Sources
Description: This database contains 464 sites that were reported as potential lead smelters sites in research conducted by the EPA Superfund Program and other sources. The sites are listed on the 2007 published report by the EPA Superfund Program.
Agency: Environmental Protection Agency
Phone Number: 7034129810
Date last updated: 9/4/2015
Date last checked: 8/19/2015
Distance searched: 0.25 miles
Sites:
None Found

Lead-US
Lead Smelter Sites
Category: ERS Supplemental Govt Sources
Description: This database contains lead smelter sites reported by the Environmental Protection Agency.
Agency: Environmental Protection Agency
Phone Number: 2025645962
Date last updated: 9/15/2015

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Date last checked: 9/15/2015
Distance searched: 0.25 miles
Sites:
None Found

Liens-CA
California Liens
Category: State/Tribal Inst/Eng Controls
Description: This database identifies sites that have liens reported by the California Department of Toxic and Substance Control.
Agency: California Department of Toxic and Substance Control.
Phone Number: 9163233400
Date last updated: 9/29/2015
Date last checked: 9/17/2015
Distance searched: 0.063 miles
Sites:
None Found

LIENS-US
Federal LIEN Sites
Category: Federal Inst/Eng Controls
Description: This database contains sites that have had Federal Liens filed on them as reported by the EPA.
Agency: U.S. Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/15/2015
Date last checked: 9/15/2015
Distance searched: 0.063 miles
Sites:
None Found

LUST-Closed-CA
Leaking Underground Storage Tanks, Closed Cases
Category: State/Tribal LUST
Description: The California State Water Resources Control Board's Underground Storage Tank Program keeps a list of all underground storage tanks which have been reported as having had a release. This subset of sites are those that have received closure and now have a status of Case Closed. This database contains a listing of these facilities.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 10/1/2015
Date last checked: 9/18/2015
Distance searched: 0.25 miles
Sites:

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LUST-Open-CA
Leaking Underground Storage Tanks, Open Cases
Category: State/Tribal LUST
Description: The California State Water Resources Control Board's Underground Storage Tank Program keeps a list of all underground storage tanks which have been reported as having had a release. This subset of sites are those that have not yet been cleaned up and now have a status of Case Open.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 10/1/2015
Date last checked: 9/18/2015
Distance searched: 0.5 miles
Sites:
None Found

Manifest2-NY
Hazardous Waste Manifest
Category: State/Tribal RCRA Equivalent
Description: The New York Department of Environmental Conservation, Hazardous Waste Manifest System lists sites from all over the country, not just New York. To be thorough, ERS has searched the data subset that includes West Virginia sites for listings on or near the subject site that are listed in the New York Department of Environmental Conservation, Hazardous Waste Manifest System.
Agency: New York State Department of Environmental Conservation
Phone Number: 5184028730
Date last updated: 12/9/2014
Date last checked: 12/5/2014
Distance searched: 0.063 miles
Sites:
None Found

Manifest2-RI
Hazardous Waste Manifest
Category: State/Tribal RCRA Equivalent
Description: The Rhode Island Department of Environmental Management, Hazardous Waste Manifest System lists sites from all over the country, not just Rhode Island. To be thorough, ERS has searched the data subset that includes West Virginia sites for listings on or near the subject site that are listed in the Rhode Island Department of Environmental Management, Hazardous Waste Manifest System.
Agency: Rhode Island Department of Environmental Management
Phone Number: 4012222797
Date last updated: 12/16/2014
Date last checked: 12/16/2014
Distance searched: 0.063 miles

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Sites:
None Found

Mines-CA
Death Valley Mines
Category: ERS Supplemental Govt Sources
Description: This database contains death valley mines as reported by the California Department of Conservation.
Agency: California Department of Conservation
Phone Number: 9163239198
Date last updated: 9/21/2015
Date last checked: 9/21/2015
Distance searched: 0.063 miles
Sites:
None Found

MINES-US
Mines Master Index File
Category: ERS Supplemental Govt Sources
Description: The Master Index file contains mine identification numbers issued for mines active or opened since 1971.
Agency: United States Department of Labor
Phone Number: 8777786055
Date last updated: 8/13/2015
Date last checked: 7/27/2015
Distance searched: 0.063 miles
Sites:
None Found

MLTS-US
Material Licensing Tracking System
Category: ERS Supplemental Govt Sources
Description: This database contains facilities listed on the Material Licensing Tracking system that possess or use radioactive materials as reported by the U.S. Nuclear Regulatory Commission.
Agency: U.S. Nuclear Regulatory Commission
Phone Number: 3014157169
Date last updated: 8/12/2015
Date last checked: 8/10/2015
Distance searched: 0.063 miles
Sites:
None Found

MRDS-US

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Mineral Resources Data System (MRDS)
Category: ERS Supplemental Govt Sources
Description: MRDS is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references.
Agency: U.S. Geologic Survey
Phone Number: 8882758747
Date last updated: 7/8/2015
Date last checked: 7/27/2015
Distance searched: 0.25 miles
Sites:
None Found

MWMP-CA
Medical Waste Management Program
Category: ERS Supplemental Govt Sources
Description: This database contains permitted transfer and treatment facilities reported by the California Department of Public Health.
Agency: California Department of Public Health
Phone Number: 9164495671
Date last updated: 9/29/2015
Date last checked: 9/18/2015
Distance searched: 0.25 miles
Sites:
None Found

NEI-LF-CA
NEI (National Emission Inventory) Landfill Point Sources
Category: ERS Supplemental Govt Sources
Description: This database contains National Emission Inventory Landfill Point Sources reported by the California Air Resources Board. ARB reported this data to the NEI back in 1999.
Agency: California Air Resources Board
Phone Number: 9163222990
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

NPDES-CA
National Pollutant Discharge Elimination System
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of National Pollutant Discharge Elimination System (NPDES) permits registered through the California EPA.

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Agency: California Environmental Protection Agency
Phone Number: 8665633107
Date last updated: 5/28/2015
Date last checked: 5/26/2015
Distance searched: 0.063 miles
Sites:
None Found

NPDES-SW-CA
Notice of Intent Data
Category: ERS Supplemental Govt Sources
Description: This database contains dischargers that have submitted Notice of Intent (NOIs) as reported by the California State Water Resources Control Board.
Agency: California State Water Resources Control Board
Phone Number: 8665633107
Date last updated: 5/29/2015
Date last checked: 5/27/2015
Distance searched: 0.063 miles
Sites:
None Found

NPL-US
National Priorities List
Category: Federal NPL
Description: The National Priorities List is the list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. The NPL is intended primarily to guide the EPA in determining which sites warrant further investigation. This database contains a listing of NPL sites.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/15/2015
Date last checked: 9/15/2015
Distance searched: 1 mile
Sites:
None Found

OGW-CA
California Oil and Gas Wells
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of Oil and Gas Wells maintained by the Department of Conservation.
Agency: California Department of Conservation
Phone Number: 9163231779
Date last updated: 5/28/2015

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Date last checked: 5/26/2015
Distance searched: 0.063 miles
Sites:
None Found

OSCF-CA
Orphan Site Cleanup Fund
Category: ERS Supplemental Govt Sources
Description: This database contains sites listed under the Orphan Site Cleanup Fund. OSCF is a financial assistance program within the Division of Financial Assistance. OSCF was established to provide financial assistance to eligible applicants for the cleanup of brownfields sites contaminated by leaking petroleum underground storage tanks where there is no financially responsible party.
Agency: California State Water Resource Control Board
Phone Number: 9163415760
Date last updated: 10/9/2015
Date last checked: 9/30/2015
Distance searched: 0.5 miles
Sites:
None Found

PADS-US
PCB Registration Database System
Category: Federal ASTM Other
Description: This database contains a listing of generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.
Agency: Environmental Protection Agency
Phone Number: 2025660500
Date last updated: 8/4/2015
Date last checked: 7/27/2015
Distance searched: 0.063 miles
Sites:
None Found

PCB-US
PCB Transformers
Category: Federal ASTM Other
Description: PCB Transformer Registration Database. This database indicates the best known current status of registered PCB transformers
Agency: U.S Environmental Protection Agency
Phone Number: 7033088404
Date last updated: 7/8/2015
Date last checked: 7/8/2015
Distance searched: 0.25 miles
Sites:

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None Found

PCS-US
Permit Compliance System for Clean Water Act
Category: ERS Supplemental Govt Sources
Description: PCS is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act. PCS is designed to support the NPDES program at the state, regional, and national levels.
Agency: Environmental Protection Agency
Phone Number: 2025640221
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Perch1-CA
Perchlorate Confirmed Contaminant Sites
Category: ERS Supplemental Govt Sources
Description: This database contains sites with perchlorate contamination as reported by the State Water Resource Control Board.
Agency: State Water Resource Control Board
Phone Number: 9517824902
Date last updated: 5/28/2015
Date last checked: 5/28/2015
Distance searched: 0.25 miles
Sites:
None Found

Perch2-CA
Perchlorate Confirmed Contaminant Sites
Category: ERS Supplemental Govt Sources
Description: This database contains sites with perchlorate contamination as reported by the State Water Resource Control Board.
Agency: State Water Resource Control Board
Phone Number: 9517824902
Date last updated: 5/29/2015
Date last checked: 5/19/2015
Distance searched: 0.25 miles
Sites:
None Found

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PR-MOA-CA
Polanco Redevelopment
Category: State/Tribal ASTM Other
Description: This database contains the Polanco Redevelopment MOA sites reported by the Department of Toxic Substances Control.
Agency: California Department of Toxic Substances Control
Phone Number: 9162553586
Date last updated: 10/1/2015
Date last checked: 9/18/2015
Distance searched: 0.25 miles
Sites:
None Found

RADINFO-US
Radiation Information Database
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of facilities that are regulated by the US EPA regulations for radiation and radioactivity.
Agency: Environmental Protection Agency
Phone Number: 2023439775
Date last updated: 7/8/2015
Date last checked: 7/8/2015
Distance searched: 0.063 miles
Sites:
None Found

RCRA-CESQG-US
Resource Conservation and Recovery Act, Conditionally Exempt Small Quantity Generators
Category: Federal RCRA Generators
Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Conditionally Exempt Small Quantity Generators.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/23/2015
Date last checked: 9/16/2015
Distance searched: 0.25 miles
Sites:
None Found

RCRA-COR-US
Resource Conservation and Recovery Act - Corrective Actions
Category: Federal RCRA CORRACTS

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Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner.
EPA estimates that between 50 and 70 percent of all TSDFs have some degree of environmental contamination requiring detailed investigation and perhaps cleanup. Under a program entitled Corrective Action, EPA has the statutory authority to require permitted and interim status TSDFs to clean up hazardous waste contamination. This database contains a listing of sites that have had corrective action.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/23/2015
Date last checked: 9/16/2015
Distance searched: 1 mile
Sites:
None Found

RCRA-LQG-US
Resource Conservation and Recovery Act, Large Quantity Generators
Category: Federal RCRA Generators
Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Large Quantity Generators.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/23/2015
Date last checked: 9/16/2015
Distance searched: 0.25 miles
Sites:
None Found

RCRA-NON-US
Resource Conservation and Recovery Act
Category: Federal RCRA Generators
Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of RCRA Non-Hazardous generators.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/23/2015
Date last checked: 9/16/2015
Distance searched: 0.25 miles
Sites:
None Found

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RCRA-SQG-US
Resource Conservation and Recovery Act, Small Quantity Generators
Category: Federal RCRA Generators
Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Small Quantity Generators.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/23/2015
Date last checked: 9/16/2015
Distance searched: 0.25 miles
Sites:
None Found

RCRA-TSD-US
Resource Conservation and Recovery Act - Treatment, Storage, and Disposal sites
Category: Federal RCRA non-CORRACTS TSD
Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner.
This database contains a listing of Treatment, Storage and Disposal Facilities - Facilities that receive hazardous waste from generators or other facilities for treatment, storage or disposal of waste are known as TSDFs.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/23/2015
Date last checked: 9/16/2015
Distance searched: 0.5 miles
Sites:
None Found

Response-CA
State Response Sites
Category: ERS Supplemental Govt Sources
Description: This database identifies confirmed release sites where DTSC is involved in remediation, either in a lead role or oversight capacity.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 5/28/2015
Date last checked: 5/26/2015
Distance searched: 0.25 miles
Sites:
None Found

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RFG-Lab-US
Reformulated Gasoline (RFG)
Category: ERS Supplemental Govt Sources
Description: This database includes the list of registered Reformulated Gasoline Laboratories.
Agency: Environmental Protection Agency, United States
Phone Number: 2023439303
Date last updated: 7/22/2015
Date last checked: 7/22/2015
Distance searched: 0.25 miles
Sites:
None Found

RMP-US
Risk Management Plans
Category: ERS Supplemental Govt Sources
Description: This database contains facilities that have developed risk management plans as reported by the Environmental Protection Agency. The System for Risk Management Plans (SRMP) is a suite of electronic systems containing information relating to risk management plans submitted by facilities in accordance with the Clean Air Act, Section 112(r). Affected facilities are to develop risk management programs which will prevent and minimize consequences of accidental releases of certain hazardous chemicals that could harm public health and the environment.
Agency: Environmental Protection Agency
Phone Number: 2025642491
Date last updated: 3/12/2015
Date last checked: 3/2/2015
Distance searched: 0.063 miles
Sites:
None Found

ROD-US
Records of Decision
Category: ERS Supplemental Govt Sources
Description: The Record of Decision (ROD) is a public document that explains which cleanup alternatives will be used to clean up a Superfund site. The ROD for sites listed on the NPL (NPL Site Listing Process) is created from information generated during the Remedial Investigation/Feasibility Study (RI/FS).A ROD contains site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, scope and role of response action and the remedy selected for cleanup. This database contains a listing of sites with RODs.
Agency: Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 7/1/2015
Date last checked: 7/1/2015
Distance searched: 0.5 miles

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Sites:
None Found

SAA-Agreements-US
Sites with Superfund Alternative Approach Agreements
Category: Federal ASTM Other
Description: This database contains sites that have a Superfund Alternative agreement. The Superfund alternative (SA) approach uses the same investigation and cleanup process and standards that are used for sites listed on the NPL. The SA approach is an alternative to listing a site on the NPL; it is not an alternative to Superfund or the Superfund process.
Agency: Environmental Protection Agency
Phone Number: 2025645110
Date last updated: 7/27/2015
Date last checked: 7/27/2015
Distance searched: 1 mile
Sites:
None Found

SDWIS-US
Safe Drinking Water Information System
Category: ERS Supplemental Govt Sources
Description: This database contains the Safe Drinking Water Information including Public Water, Source and Treatment, Enforcements and Violations reported by the United States Environmental Protection Agency.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 3/11/2015
Date last checked: 3/10/2015
Distance searched: 0.25 miles
Sites:
None Found

SLIC-Closed-CA
The Spills, Leaks, Investigation & Cleanup, Closed Cases
Category: Emergency Release Reports
Description: The Spills, Leaks, Investigation & Cleanup (SLIC) Program deals with site investigation and corrective action involving sites not overseen by the Underground Tank Program and the Well Investigation Program. These particular sites have had all remediation completed and are now considered closed by the agency.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 10/1/2015
Date last checked: 9/18/2015
Distance searched: 0.5 miles

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Sites:
None Found

SLIC-CV-CLOSED-CA
List of Spills and Leak Sites
Category: Emergency Release Reports
Description: This database contains a List of Spill and Leak Sites (SL) and Department of Defense (DOD) and Department of Energy (DOE) cleanup cases in the central portion of the Central Valley Region as reported by the Central Valley Regional Quality Board. The database has not been updated since 2005
Agency: Central Valley Regional Quality Board
Phone Number: 9164644712
Date last updated: 5/26/2015
Date last checked: 5/26/2015
Distance searched: 0.5 miles
Sites:
None Found

SLIC-CV-OPEN-CA
List of Spills and Leak Sites
Category: Emergency Release Reports
Description: This database contains a List of Spill and Leak Sites (SL) and Department of Defense (DOD) and Department of Energy (DOE) cleanup cases in the central portion of the Central Valley Region as reported by the Central Valley Regional Quality Board. The database has not been updated since 2005.
Agency: Central Valley Regional Quality Board
Phone Number: 9164644712
Date last updated: 5/26/2015
Date last checked: 5/26/2015
Distance searched: 0.5 miles
Sites:
None Found

SLIC-Open-CA
The Spills, Leaks, Investigation & Cleanup, Open Cases
Category: Emergency Release Reports
Description: The Spills, Leaks, Investigation & Cleanup (SLIC) Program deals with site investigation and corrective action involving sites not overseen by the Underground Tank Program and the Well Investigation Program.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 10/1/2015
Date last checked: 9/18/2015
Distance searched: 0.5 miles
Sites:
None Found

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SML-Closed-CA
Site Mitigation List
Category: State/Tribal ASTM Other
Description: This database contains sites listed by the Site Mitigation Unit program at the Los Angeles County Fire Department. SMU voluntary oversight and corrective action oversight programs are options in addition to DTSC and Regional Water Quality Control Board (RWQCB) oversight programs for residents and businesses of Los Angeles County seeking oversight in a cost effective and timely manner for cleanup of their contaminated properties.
Agency: Los Angeles County Fire Department
Phone Number: 3238904106
Date last updated: 8/10/2015
Date last checked: 8/10/2015
Distance searched: 0.5 miles
Sites:
None Found

SML-Open-CA
Site Mitigation List
Category: State/Tribal ASTM Other
Description: This database contains sites listed by the Site Mitigation Unit program at the Los Angeles County Fire Department. SMU voluntary oversight and corrective action oversight programs are options in addition to DTSC and Regional Water Quality Control Board (RWQCB) oversight programs for residents and businesses of Los Angeles County seeking oversight in a cost effective and timely manner for cleanup of their contaminated properties.
Agency: Los Angeles County Fire Department
Phone Number: 3238904106
Date last updated: 8/10/2015
Date last checked: 8/10/2015
Distance searched: 0.5 miles
Sites:
None Found

SML-Other-CA
Site Mitigation List
Category: State/Tribal ASTM Other
Description: This database contains sites listed by the Site Mitigation Unit program at the Los Angeles County Fire Department. SMU voluntary oversight and corrective action oversight programs are options in addition to DTSC and Regional Water Quality Control Board (RWQCB) oversight programs for residents and businesses of Los Angeles County seeking oversight in a cost effective and timely manner for cleanup of their contaminated properties.
Agency: Los Angeles County Fire Department
Phone Number: 3238904106
Date last updated: 8/10/2015

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Date last checked: 8/10/2015
Distance searched: 0.5 miles
Sites:
None Found

Spills-SSO-CA
Sanitary Sewer System
Category: ERS Supplemental Govt Sources
Description: This database contains private lateral sewage discharges contained in the State Water Resources Control Board's SSO database.
Agency: State Water Resource Control Board
Phone Number: 8667924977
Date last updated: 5/27/2015
Date last checked: 5/27/2015
Distance searched: 0.25 miles
Sites:
None Found

SSTS-US
Section 7 Tracking System
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of EPA-registered domestic pesticide-producing and device producing establishments and the pesticides produced based on data in the Section Seven Tracking System.
Agency: Environmental Protection Agency
Phone Number: 2025644203
Date last updated: 9/3/2015
Date last checked: 9/4/2015
Distance searched: 0.063 miles
Sites:
None Found

SWIS-CA
Solid Waste Information System
Category: State/Tribal Landfill/Solid Waste
Description: The Solid Waste Information System (SWIS) database contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites. Includes basic information on each facility in the database such as site, enforcement agency, operator, land owner, throughput, capacity, acreage, permit date, waste types, activity type, regulatory status and operational status.
Agency: California Department of Resources Recycling and Recovery
Phone Number: 9163416320
Date last updated: 10/1/2015

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Date last checked: 9/18/2015
Distance searched: 0.5 miles
Sites:
None Found

SWRCY-CA
Recycler Database
Category: State/Tribal ASTM Other
Description: A listing of all operational Recycling Centers identified by their Certification Number.
Agency: California Department of Resources Recycling and Recovery
Phone Number: 9163233836
Date last updated: 10/23/2015
Date last checked: 10/19/2015
Distance searched: 0.5 miles
Sites:
None Found

Tribal-Air-US
Tribal Air Permitted Facilities
Category: ERS Supplemental Govt Sources
Description: This database contains tribal locations that have been issued air permits as reported by the US Environmental Protection Agency. At this time the database includes region 2, 5, 7, 8, 9, 10.
Agency: United States Environmental Protection Agency
Phone Number: 3123532000
Date last updated: 5/1/2015
Date last checked: 2/27/2015
Distance searched: 0.25 miles
Sites:
None Found

Tribal-BF-US
Tribal Brownfields
Category: Federal Brownfield
Description: This database contains a listing of Brownfields on Native American Land identified by the United States Environmental Protection Agency.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 5/16/2014
Date last checked: 5/16/2014
Distance searched: 0.5 miles
Sites:
None Found

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Tribal-LUST-Closed-Reg9
Tribal Leaking Underground Storage Tanks
Category: Federal LUST
Description: This database contains a listing of Leaking Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 6/16/2015
Date last checked: 9/17/2015
Distance searched: 0.5 miles
Sites:
None Found

Tribal-LUST-Open-Reg9
Tribal Leaking Underground Storage Tanks
Category: Federal LUST
Description: This database contains a listing of Leaking Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 6/16/2015
Date last checked: 9/17/2015
Distance searched: 0.5 miles
Sites:
None Found

Tribal-ODI-US
Tribal Open Dump Sites
Category: Federal Solid Waste
Description: This database contains a listing of Open Dump Sites on Native American Land identified by the Indian Health Service
Agency: Indian Health Service
Phone Number: 3014431046
Date last updated: 7/27/2015
Date last checked: 7/27/2015
Distance searched: 0.5 miles
Sites:
None Found

Tribal-UST-Reg9
Tribal Underground Storage Tanks
Category: Federal UST
Description: This database contains a listing of Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.

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Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 6/16/2015
Date last checked: 9/17/2015
Distance searched: 0.25 miles
Sites:
None Found

Tribal-VCP-US
Tribal VCP
Category: Federal Tribal VCP
Description: This database contains voluntary cleanup sites located in tribal land as reported by the United States Environmental Protection Agency.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/24/2015
Date last checked: 9/24/2015
Distance searched: 0.5 miles
Sites:
None Found

TRIS2000-US
Toxics Release Inventory System
Category: ERS Supplemental Govt Sources
Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 2000-2009.
Agency: Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 8/28/2015
Date last checked: 7/28/2015
Distance searched: 0.063 miles
Sites:
None Found

TRIS2010-US
Toxics Release Inventory System
Category: ERS Supplemental Govt Sources

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Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 2010-2012.
Agency: Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 8/28/2015
Date last checked: 7/28/2015
Distance searched: 0.063 miles
Sites:
None Found

TRIS80-US
Toxics Release Inventory System
Category: ERS Supplemental Govt Sources
Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 1987-1989.
Agency: Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 8/28/2015
Date last checked: 7/28/2015
Distance searched: 0.063 miles
Sites:
None Found

TRIS90-US
Toxics Release Inventory System
Category: ERS Supplemental Govt Sources
Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 1990-1999.
Agency: Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 8/28/2015
Date last checked: 7/28/2015
Distance searched: 0.063 miles
Sites:
None Found

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TSCA-US
Toxics Substance Control Sites
Category: ERS Supplemental Govt Sources
Description: TSCA addresses the production, importation, use, and disposal of specific chemicals including polychlorinated biphenyls (PCBs), asbestos, radon and lead-based paint. This database contains a listing of these facilities.
Agency: U.S. Environmental Protection Agency
Phone Number: 2025642501
Date last updated: 9/4/2015
Date last checked: 11/21/2014
Distance searched: 0.063 miles
Sites:
None Found

UIC2-CA
Injection Wells
Category: ERS Supplemental Govt Sources
Description: This database contains Injection Wells as reported by the State Water Resource Control Board.
Agency: California State Water Resources Control Board
Phone Number: 8665633107
Date last updated: 10/20/2015
Date last checked: 9/22/2015
Distance searched: 0.063 miles
Sites:
None Found

UIC-CA
Underground Injection Control Wells
Category: ERS Supplemental Govt Sources
Description: This database contains Underground Injection Control Wells regulated by the California Department of Conservation.
Agency: California Department of Conservation
Phone Number: 9163231779
Date last updated: 10/2/2015
Date last checked: 9/18/2015
Distance searched: 0.063 miles
Sites:
None Found

UMTRA-US
Uranium Mill Tailings Remedial Action Sites
Category: ERS Supplemental Govt Sources

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Description: The Uranium Mill Tailings Radiation Control Act (UMTRCA) of 1978 gave the U.S. Department of Energy (DOE) the responsibility of stabilizing, disposing, and controlling uranium mill tailings and other contaminated material at twenty-four uranium mill processing sites located across ten states and at approximately 5,200 associated properties.
Agency: Department of Energy
Phone Number: 5058450011
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

USGS-Waterwells-US
Ground Water Site Inventory
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of wells, springs, test holes, tunnels, drains, and excavations reported by the United States Geological Survey, Water Resources Program.
Agency: United States Geological Survey, Water Resources Program
Phone Number: 9162783000
Date last updated: 5/15/2014
Date last checked: 5/15/2014
Distance searched: 0.063 miles
Sites:
None Found

UST-Abandoned-CA
Inventory of Abandoned Tank Sites
Category: State/Tribal UST
Description: This database contains an inventory of abandoned tank sites reported by the California State Water Resources Control Board.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 9/30/2015
Date last checked: 9/17/2015
Distance searched: 0.25 miles
Sites:
None Found

UST-CA
Underground Storage Tanks
Category: State/Tribal UST
Description: This database maintains permitted Underground Storage Tanks in CA.
Agency: California State Water Resources Control Board
Phone Number: 9163415808

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Date last updated: 10/1/2015
Date last checked: 9/18/2015
Distance searched: 0.25 miles
Sites:
None Found

UST-Cleanup-CA
UST Cleanup Fund Cases
Category: State/Tribal LUST
Description: This database contains leaking UST cases that have been recommended for closure under the State Water Board's authority to perform reviews of claims to
the UST Cleanup Fund that have been open for 5 or more years (5 Year
Review).
Agency: California State Water Resource Control Board
Phone Number: 9163415808
Date last updated: 9/17/2015
Date last checked: 9/17/2015
Distance searched: 0.5 miles
Sites:
Name not provided by Agency/Source MapID: 3 Listed

UST-Closed-CA
Closure of Underground Storage Tank (UST) Cases
Category: State/Tribal UST
Description: This database contains UST tanks that have been closed as reported by the California State Water Resource Control Board.
Agency: California State Water Resource Control Board
Phone Number: 9163415808
Date last updated: 9/30/2015
Date last checked: 9/18/2015
Distance searched: 0.25 miles
Sites:
None Found

UST-Comp-CA
Compliance UST
Category: State/Tribal UST
Description: This database contains previously abandoned UST sites that are now in compliance as reported by the California State Water Resources Control Board.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 9/30/2015
Date last checked: 9/17/2015

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Distance searched: 0.25 miles
Sites:
None Found

UST-Priority-CA
UST Cleanup Fund Priority List
Category: State/Tribal UST
Description: This database includes current cleanup cases that are listed on the Cleanup Fund Priority List. The Underground Storage Tank (UST) Cleanup Fund (Fund) provides a means for petroleum UST owners and operators to meet the federal and state requirements of maintaining financial responsibility to pay for any damages arising from their tank operations.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 10/20/2015
Date last checked: 9/30/2015
Distance searched: 0.5 miles
Sites:
None Found

UST-Proposed-CA
UST Proposed for Closure
Category: State/Tribal UST
Description: This database contains UST's that are being considered for closure by the SWRCB or the Executive Director.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 9/30/2015
Date last checked: 9/18/2015
Distance searched: 0.25 miles
Sites:
None Found

Vapor-Intrusions-US
Vapor Intrusion Database
Category: ERS Supplemental Govt Sources
Description: This database contains the vapor intrusion database as reported by the Environmental Protection Agency.
Agency: Environmental Protection Agency
Phone Number: 7033057411
Date last updated: 10/2/2015
Date last checked: 10/2/2015
Distance searched: 0.5 miles
Sites:
None Found

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WDR-CA
Waste Discharge Requirements
Category: ERS Supplemental Govt Sources
Description: This database contains sites in the Waste Discharge Requirements (WDRs) Program that regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act as reported by the California State Water Resource Control Board.
Agency: California State Water Resource Control Board
Phone Number: 8667924977
Date last updated: 5/28/2015
Date last checked: 5/27/2015
Distance searched: 0.25 miles
Sites:
None Found

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UN-MAPPABLE OCCURRENCES

The following occurrences were not mapped primarily due to incomplete or inaccurate address information. All of the following occurrences were determined to share the same zip code as the area searched. General status information is given with each occurrence along with any address information entered by the agency responsible for the list.

ID	Facility Name	Address	Database	Status
No "un-mapped" sites requested.				

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The data presented in this report should only be interpreted by an experienced environmental professional that completely understands the potential inaccuracy of the data, the possible existence of contaminated occurrences that have not been listed, and the possibility that the governmental database misrepresents the actual status of an occurrence. Prior to relying completely on any of the data within this report, an environmental professional should verify the accuracy of the information presented.

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APPENDIX D

GeoTracker Site Leaking Underground Storage Tank

Mountain View Country Club
2121 Mountain View Drive
Corona, CA 91720

91-109

Closed
LOP File From

Box 53

Emp ID _____

Riverside County
Local Oversight Program
Electronic Case File

Site Name: Mountain View Country Club

Site Number: 91109

Electronic File #: 1

File organized chronologically starting with #1

ORRICK, HERRINGTON
& SUTCLIFFE

ANTHONY C. CHING
Attorney at Law

Suite 3200
777 South Figueroa Street, Los Angeles, California 90017
Telephone 213 612 2479 Facsimile 213 612 2499

San Francisco
New York
Sacramento

奧力奇，夏雪頓及蘇奇里夫
律師事務所

荊 重 偉
律 師

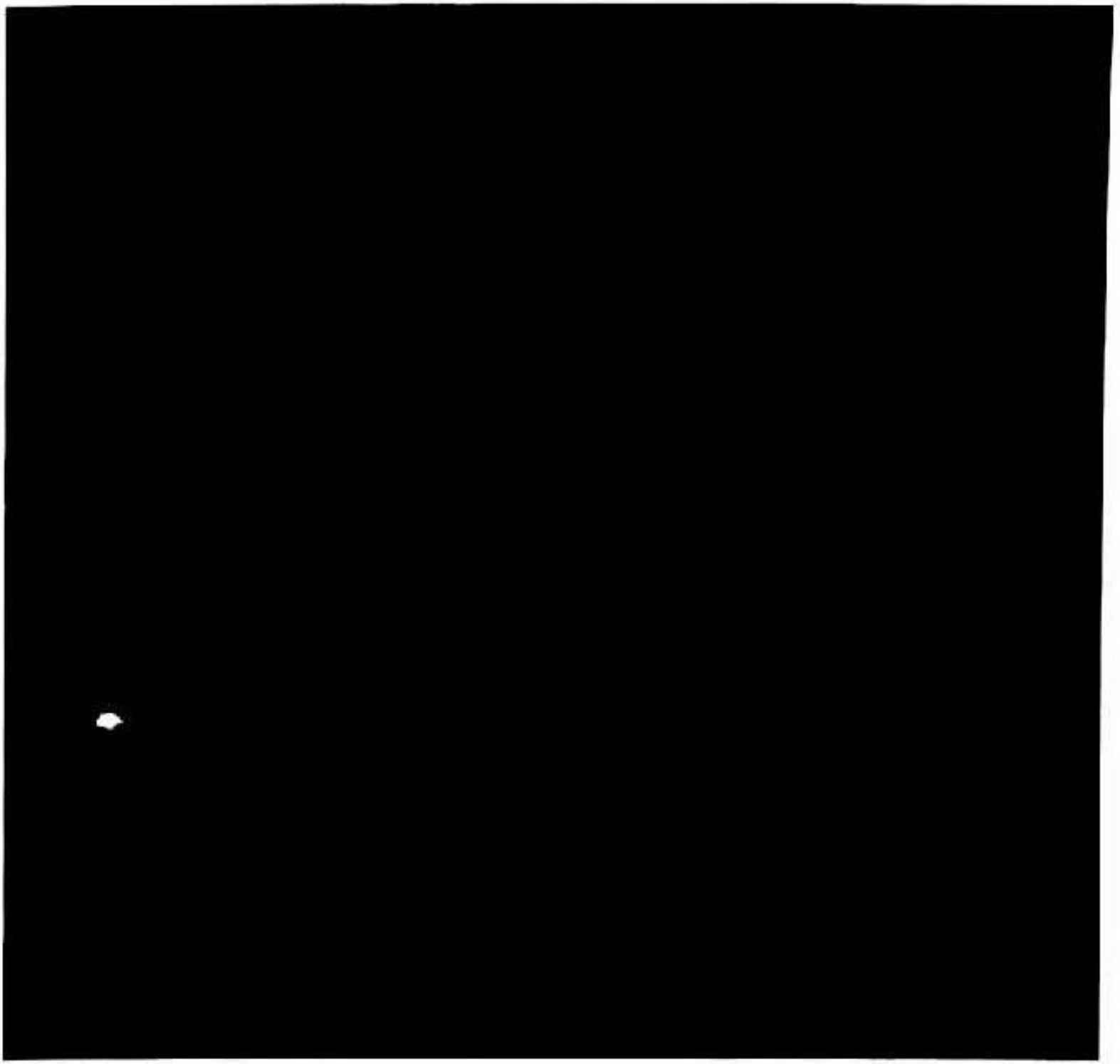
Suite 3200
777 South Figueroa Street, Los Angeles, California 90017
Telephone 213 612 2479 Facsimile 213 612 2499

San Francisco
New York
Sacramento



7-10-92
MT. View CC.
Maint. Building

Excavation Area
IIII - Area of
contaminated
back fill.



WATER RESOURCES CONTROL BOARD
DIVISION OF WATER QUALITY - UST CLEANUP PROGRAM
SITE SPECIFIC QUARTERLY REPORT
CONTRACTOR NO:33000
THROUGH

SOURCE OF FUNDS:F SUBSTANCE:8006619 ; ; ; ;
SITE NO: 91109 FEDERAL EXEMPT:N PETROLEUM:Y
SITE NAME:Mountain View Country Club DATE REPORTED :02/11/91
ADDRESS:2121 Mountain View Dr DATE CONFIRMED:02/11/91
CITY/ZIP:Corona 91720 CATEGORY:R

SITE STATUS

CASE TYPE:S	CONTRACT STATUS:9	EMERGENCY RESP:	
RP SEARCH: S	DATE UNDERWAY:10/25/90	DATE COMPLETED:02/11/91	
PRELIMINARY ASMNT:C	DATE UNDERWAY:02/11/91	DATE COMPLETED:05/24/91	
REM INVESTIGATION:	DATE UNDERWAY:	DATE COMPLETED:	
REMEDIAL ACTION: C	DATE UNDERWAY:03/13/91	DATE COMPLETED:07/31/91	
POST RA MON: C	DATE UNDERWAY:08/08/91	DATE COMPLETED:01/22/93	
ENFORCEMENT ACT: Y	TYPE:1	DATE TAKEN:	02/27/91
LUFT FIELD MANUAL CONSID:HSCA			
CLOSED:Y		DATE CLOSED:	01/22/93

DATE EXCAVATION STARTED:03/13/91 REMEDIAL ACTIONS TAKEN:ED

RESPONSIBLE PARTY

RP#1-CONTACT NAME:Country Club Manager
COMPANY NAME:Mountain View Country Club
ADDRESS:2121 Mountain View Dr
CITY/STATE:Corona CA 91720
PHONE:737-9798

RP#2-CONTACT NAME:
COMPANY NAME:
ADDRESS:
CITY/STATE:
PHONE:

RP#3-CONTACT NAME:
COMPANY NAME:
ADDRESS:
CITY/STATE:
PHONE:

RP#4-CONTACT NAME:
COMPANY NAME:
ADDRESS:
CITY/STATE:
PHONE:

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

January 22, 1993

Country Club Manager
Mountain View Country Club
2121 Mountain View Drive
Corona CA 91720

Dear Sir:

Subject : Underground Storage Tank Cleanup at Mountain View Country Club - 2121 Mountain View Drive - Corona

This letter confirms the completion of site investigation and remedial action for the underground storage tanks at the above site. Based on the assumption that the information provided to this agency was accurate and representative of existing conditions, it is the position of this office that no further action is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at the site. Nor does it relieve you of the responsibility to clean up existing, additional or previously unidentified conditions at the site, which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings, or site usage.

If you have any questions regarding this matter, contact this office at (909) 358-5055.

Sincerely

Christine Jones

Christine Jones
Hazardous Materials Specialist

CJ:cjm

cc: SWRCB
RWQCB

John M. Fanning, Director
4065 County Circle Drive • Riverside, CA 92503 • Phone (909) 358-5316 • FAX (909) 358-5017
(Mailing Address - P.O. Box 7600 • Riverside, CA 92513-7600)

printed on recycled paper

MOUNTAIN VIEW COUNTRY CLUB Site # 91109 Corona

TYPE OF CONTAMINATION: Soil

DEPTH TO GROUNDWATER: reportedly 130 feet

SITE SUMMARY:

On 10-26-90, one 500 (or 1000) gallon gasoline and/or diesel tank was removed. On 1-31-91, 45 tons of contaminated soil was excavated and taken to Envirosafe Services of Idaho. Some contamination was left in place or inadvertantly placed into the excavation. On 4-8-92, Datum drilled a 60 foot soil boring. Analyses were originally mis-interpreted in Datum's report dated 4-22-92 (lab data sheets report ug/kg and Datum's table and recommendations reflect mg/kg). Looks like site could be closed. Country Club requested Datum to re-evaluate their recommendations. Datum submitted the revised report dated 12-28-92. The highest contamination found was at 32 feet bgs:

TPH via 8015m for diesel:	60	ppm
Benzene:	<1	ppb
Toluene:	547	ppb
Total Xylenes:	7550	ppb
Ethylbenzene:	539	ppb

Approved for closure by LTP Support Group on 1-12-93.

DATUM

GEOTECHNICAL CONSULTANTS, INC.

FUEL TANK CLOSURE REPORT

FOR THE REMOVED UNDERGROUND STORAGE TANK'S AREA WITHIN

MOUNTAIN VIEW COUNTRY CLUB
LOCATED AT 2121 MOUNTAIN VIEW DRIVE CITY OF CORONA, CALIFORNIA

JOB NO. 2141-H2-92
DECEMBER 28, 1992

PREPARED FOR:

ORRICK, HERRINGTON & SUTCLIFFE
OLD FEDERAL RESERVE BANK BUILDING
400 SANSOME STREET
SAN FRANCISCO, CA 94111
(213) 612-2479

10,000 INDIANA AVENUE, SUITE 2 • RIVERSIDE, CA 92503
PHONE (714) 688-8401 • FAX (714) 688-2217

JOB NO.: 2141-H2-92
DATE: DEC. 28, 1992

CLIENT: ORRICK, HERRINGTON & SUTCLIFFE
OLD FEDERAL BANK BUILDING
400 SANSOME STREET
SAN FRANCISCO, CA 94111

ATTENTION: MR. ANTHONY C. CHING

SUBJECT: Fuel Tank Closure Report for the removed underground storage tank located at the Mountain View Country Club, City of Corona, Riverside County, California.

REFERENCES:

1) Work plan prepared and submitted by Geo-West Engineering to the Riverside County. Environmental Health Division on October 22, 1991.

2) Copy of Riverside County's project file containing daily reports and laboratory test results.

3) Subsurface contamination investigation for the subject site prepared by Datum Geotechnical Consultants, Inc. Job No. 2141-H1-92 dated April 22, 1992.

DEAR MR. CHING:

In accordance with your request and authorization, this office has reviewed the subject referenced report No. 3. The results of the BTXE testing were mistakenly typed with the wrong units "milligrams/kilograms instead of micrograms/kilograms" therefore, the following report will update the referenced report No. 3 in its entirety and should serve as a replacement of the entire referenced report; please accept our apology for the reported errors.

Our scope of work included the following functions:

1) Review of available Literature, Engineering Data and Reports

2) Site reconnaissance

3) Observation of the drilling of one (1) Exploratory Boring to a maximum depth of 60 feet

4) Sampling of seven (7) soil samples which were taken at 10, 20, 32, 45, 50, 55, and 60 feet below existing ground elevation

5) Initiation of the Chain of Custody for the soil samples

6) Analysis of laboratory test data of the soils samples which were tested by utilizing EPA Test Method 8015M for Diesel and 8020 (BTXE) as proposed in the approved work plan

7) Preparation of a final report presenting our findings, conclusions and recommendations pertaining to the subject site

The approximate location of the exploratory boring is shown on the attached plot plan (Appendix C).

JOB NO.: 2141-H2-92
DATE: DEC. 28, 1992

This report should be reviewed in detail prior to proceeding with any plans regarding the subject site.

This opportunity to be of service is appreciated, should you have any questions regarding this report, please do not hesitate to contact this office.

Respectfully,

DATUM GEOTECHNICAL CONSULTANTS, INC.

Ismail A. Hadi

Ismail A. Hadi, P.E.
Principal Engineer



Attachments:

Appendix A	Exploratory Boring Log
Appendix B	Laboratory Test and Data
Appendix C	Plot Plan

SITE CONDITIONS

The investigated area of the removed underground storage tank is located within Mountain View Country Club property which is located at 2121 Mountain View Drive in the City of Corona.

The area investigated measures approximately 10 X 40 feet in size. A one story structure is located on the south side and Via Del Oro on the east side of the investigated area. One (1) 1,000 gallons unleaded fuel tank was removed by Environmental Investigation and Action, Inc. on October 26, 1990 in the presence of county of Riverside Health Department officials at the approximate area shown on the plot plan "See Appendix C". The site is being utilized as a service area for lawn mowers and gardening equipment.

FIELD INVESTIGATION

It is understood from the county records that a one thousand (1,000) gallon fuel tank was removed and that the area of the excavation "Approximately 10 X 40 feet by 40 feet deep" was backfilled with on site soils. This area was investigated in the presence of Ms. Sharon Boltinghouse of Riverside County, Environmental Health Division Haz-Mat, in accordance with the approved work plan submitted to Riverside County by Geo-West Engineering on October 22, 1992.

A field investigation consisting of subsurface exploration was conducted on April 08, 1992, one (1) exploratory boring was drilled in the center of the backfilled area of the removed fuel tank to a maximum depth of 60 feet.

Sampling method was conducted utilizing a hollow stem auger drill rig machine equipped with an eight (8) inch diameter augers, a split tube drive, and brass tubes to retain the earth material samples. The sampling tube as driven by 140 lbs. hammer into earth materials at depths of five (5) feet intervals then the brass tube which contains the undisturbed soil sample was covered with aluminum foil and capped air tight with teflon tape at both ends to insure the safety of the soils ample. All sealed soils samples were placed in an iced cooler for transportation to the testing laboratory for analysis.

The sampling tube "Split Tube" was rinsed after obtaining each sample to insure that the sampling and the brass tubes were clean and free of any contamination, the rinsate generated and the drilled soils were drummed and stored on site for the appropriate disposal by Environmental Investigation and Action, Inc.

The soils materials encountered were sampled and logged by a representative of this office, the soil logs are included in "Appendix B".

The exploratory boring was backfilled with a two bag slurry concrete mix.

The samples obtained were analyzed by a state approved chemical laboratory utilizing test method 8015M and 8020 BTXE as per work plan prepared and submitted to Riverside County, Hazardous Material Division, by Geo-West Engineering.

The test results of the State Approved Chemical Laboratory tests on several soil samples are tabulated for analysis and a copy of the original contamination test results are included in "Appendix B".

The following table is the tabulated laboratory test data:

SOIL SAMPLE	8020 (BTXE) (ug/kg) B	T	Total	X	E	8015M (mg/kg)
B-1 @ 10 FEET		N.T.				N.D.
B-1 @ 20 FEET		N.T.				4.00
B-1 @ 32 FEET	<1	547	8,636.00	7550	539	60.00
B-1 @ 45 FEET	<1	51	1,081.00	938	92	6.00
B-1 @ 50 FEET		N.T.				N.D.
B-1 @ 55 FEET		N.T.				N.D.
B-1 @ 60 FEET		N.T.				N.D.

N.D. = None Detected at Practical Quantitation Limit (PQL).
N.T. = No Test was performed

FINDINGS, CONCLUSIONS AND RECOMMENDATIONS

FINDINGS:

The soil materials encountered in the upper 40 feet consisted of fill brown fine to medium silty sands with some debris, moist and in loose condition followed by native light brown fine to medium silty sands slightly moist and medium dense at greater depths to 60 feet.

Based on the tabulated test results and field visual observation, the following are our findings:

- Results of EPA test method 8020 BTXE performed on two (2) soils samples B-1 @ 32' and B-1 @ 45' indicated that a level of 8,636.00 ug/kg and 1,081.00 ug/kg respectively.
- The level of Total Petroleum Hydrocarbon (TPH) 8015M in test borings B-1 indicates a maximum level of 60 mg/kg which was found in the sample obtained at 32 feet below existing round elevation.
- Backfill materials used for the backfill of the hole after the removal of the underground storage tank was found in loose conditions.
- Some trash and debris were also found in the backfill materials during drilling operations.

CONCLUSIONS:

The soils used for the backfill of the removed underground storage tank excavation has been found to contain nondetectable and very low levels of total petroleum hydrocarbon .

The maximum level of contaminants was found at a depth of 32 feet with levels of 60 mg/kg and 8,636 ug/kg based on test methods 8015M and 8020 respectively.

RECOMMENDATIONS:

- Based on the contamination levels found at different depths it appears that the backfill soils are very low in contamination potential except for the sample taken at 32 feet which indicated a total BTXE level of 8,636 ug/kg and a total petroleum hydrocarbon of 60 mg/kg. However, no Benzene and low level of Toluene was found in this sample, therefore no further investigation is recommended and the tank hole backfill can be considered closed, however this decision can only be made by the county of Riverside Haz-Mat division if the limits found are within acceptable range as determined by the county health officials, otherwise additional testing at this depth and the source of contamination may be requested .

- The tank hole backfill area shall be designated as an non-structural area due to the non-engineered fills encountered during the investigation.

The findings, conclusions, and recommendations in this report are subject to the review of the governing local agencies in Riverside County since the allowable limits of contamination are handled on case by case basis depending on the severity of contamination, type of facilities proposed, depth to the ground water, adjoining land use and other factors.

APPENDIX "A"

BORING LOG NO. B - 1

JOB NO. 2141-H2-92 SITE: 2121 MOUNTAIN VIEW COUNTRY CLUB
MOUNTAIN VIEW DRIVE, CORONA, CA

CLIENT: ENVIRONMENTAL INVESTIGATION AND ACTION, INC.

HOLE DIA.: 8" ELEVATION: E.G. LOGGED BY: ALEX DATE: 04-08-92

SAMPLING METHOD: DRILL AUGER DRIVE WEIGHT: 140 LBS DROP: 30"

DRY DENSITY (pcf)	MOISTURE CONTENT(%)	BLOWS PER FOOT	SAMPLE	DEPTH (feet)	SOIL CLASS.	EARTH MATERIALS DESCRIPTION
				40		NATIVE: TAN FINE TO MEDIUM SILTY SANDS, SLIGHTLY MOIST, MEDIUM DENSE. STRONG PETROLEUM ODOR.
			●	45		
			●	50		BROWN COARSE SILTY SANDS, MOIST, MEDIUM DENSE. NO PETROLEUM ODOR.
			●	55		BROWN FINE TO MEDIUM SILTY SANDS, MOIST, MEDIUM DENSE. SLIGHT PETROLEUM ODOR.
			●	60		SLIGHT PETROLEUM ODOR. END OF BORING AT 60 FEET. NO GROUND WATER ENCOUNTERED. BORING BACKFILLED W/ SLURRY. RINSATE AND DRILLED SOILS DRUMMED AND ARE TO BE HAULED OFF SIT BY E.I.A. SEE TABULATED DATA FOR CONTAMINATION TEST RESULTS.
				65		
				70		
				75		
				80		

● UNDISTURBED SAMPLE ■ BULK SAMPLE ◆ S.P.T.

BORING LOG NO. B - 1 CONTINUED

JOB NO. 2141-H2-92 SITE: 2121 MOUNTAIN VIEW COUNTRY CLUB
MOUNTAIN VIEW DRIVE, CORONA, CA

CLIENT: ENVIRONMENTAL INVESTIGATION AND ACTION, INC.

HOLE DIA.: 8" ELEVATION: E.G. LOGGED BY: ALEX DATE: 04-08-92

SAMPLING METHOD: DRILL AUGER DRIVE WEIGHT: 140 LBS DROP: 30"

DRY DENSITY (pcf)	MOISTURE CONTENT(%)	BLOWS PER FOOT	SAMPLE	DEPTH (feet)	SOIL CLASS.	EARTH MATERIALS DESCRIPTION
				0		FILL: BROWN FINE TO COARSE SILTY SANDS, MOIST, AND VERY LOOSE WITH SOME DEBRIS, NO PETROLEUM ODOR.
				5		
			●	10		SLIGHT PETROLEUM ODOR.
				15		
			●	20		LOOSE W/ SOME DEBRIS. STRONG PETROLEUM ODOR
				25		
				30		
			●			FILL: BROWN CLAYEY FINE TO MEDIUM SILTY SANDS, MOIST, AND LOOSE WITH SOME DEBRIS, STRONG PETROLEUM ODOR.
				35		
				40		END OF FILL MATERIALS

● UNDISTURBED SAMPLE ■ BULK SAMPLE ◆ S.P.T.

APPENDIX "B"

Applied P & Ch Laboratory
4066 E. Mission Blvd., Pomona CA 91766
Tel: (714) 622-5148 Fax: (714) 622-3199

APCL Analytical Report

Submitted to:
Datum Geotechnical Consultants, Inc.
Attention: Alex Rashad
10,000 Indiana Ave, Unit 2
Riverside, CA 92503
Tel: (714)688-8401 Fax: (714)688-2217

Service ID #: 801-921634
Collected by: Alex Rashad
Collected Date: 04/08/92
Received Date: 04/09/92
Tested Date: 04/14-17/92
Reported Date: 04/20/92
Sample description:
Soil Samples from Corona Golf Course

Analysis of TPH, BTXE in Soil

801-921634 Page 1 of 1

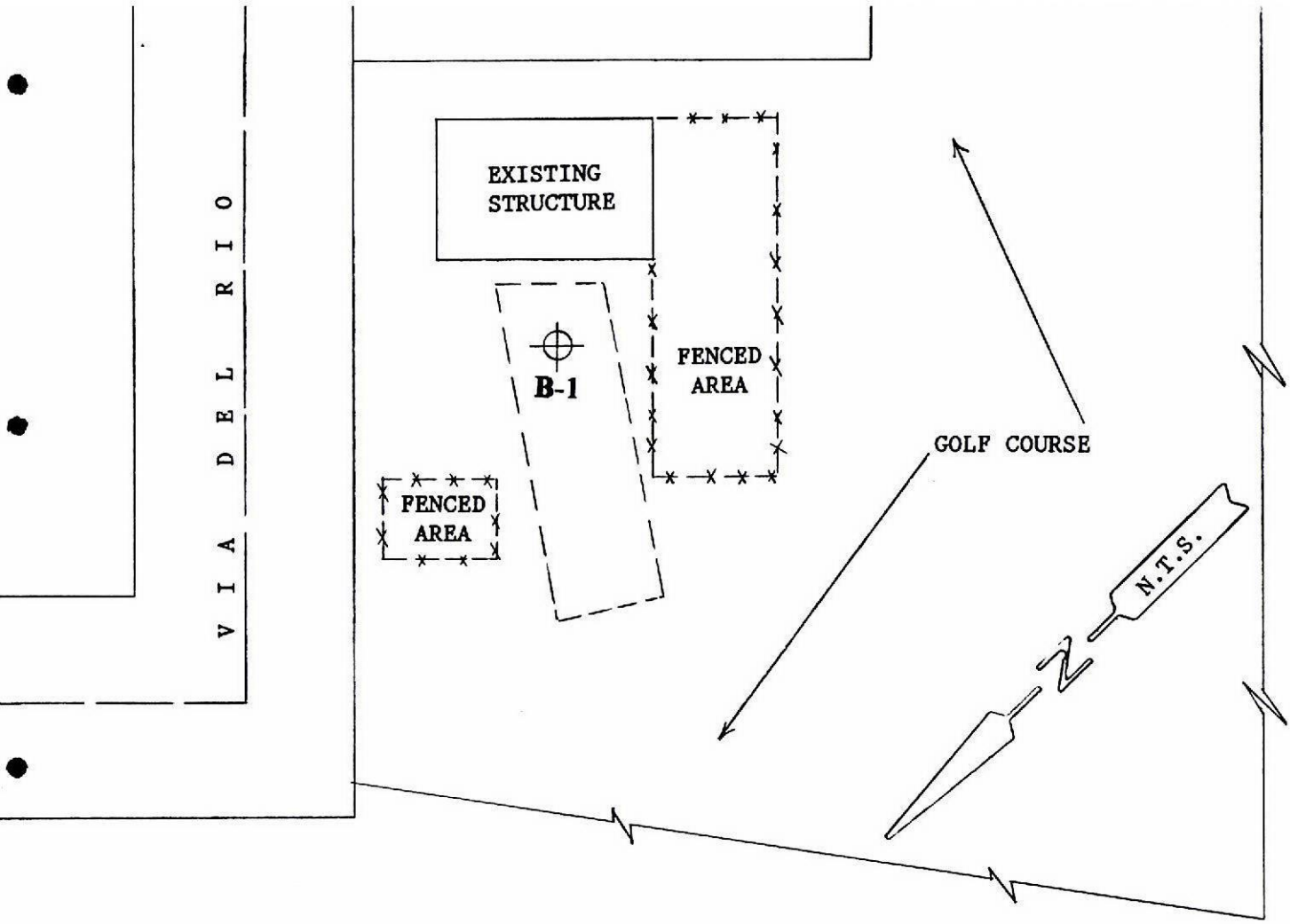
Component	Method	Unit	MDL	Concentration						
				Soil B1 @ 10'	Soil B1 @ 20'	Soil B1 @ 32'	Soil B1 @ 45'	Soil B1 @ 50'	Soil B1 @ 55'	Soil B1 @ 60'
				92-1634-1	92-1634-2	92-1634-3	92-1634-4	92-1634-5	92-1634-6	92-1634-7
TPH (Diesel)	LUFT/M8015	mg/kg	1	N.D.	4	60	6	N.D.	N.D.	N.D.
Benz. Tolu. Xylen. Ethylbenz. (BTXE)										
Benzene	8020	μg/kg	1	–	–	N.D.	N.D.	–	–	–
Toluene	8020	μg/kg	1	–	–	547	51	–	–	–
Ethylbenzene	8020	μg/kg	1	–	–	539	92	–	–	–
p-Xylene	8020	μg/kg	1	–	–	3,490	404	–	–	–
o-Xylene/m-Xylene	8020	μg/kg	1	–	–	4,060	534	–	–	–
BTXE, Total	8020	μg/kg	1	–	–	8,636	1,081	–	–	–

MDL : Method Detection Limit
– : The analysis has not been required for that sample.
N.D. : Not Detected in this analysis, or less than the method detection limit.

Respectfully submitted,

Jack Y. Zhang, Ph. D.,
Director
Applied P & Ch Laboratory

APPENDIX "C"



B-1 ⊕ APPROXIMATE LOCATION OF EXPLORATORY BORING

APPROXIMATE LOCATION OF BACKFILLED HOLE

DISCLAIMER: THIS IS NOT A PRECISE PLOT PLAN, IT IS FOR THE INTENDED USE OF LOCATING THE EXPLORATORY BORING AND THE EXISTING SITE CONDITIONS, AND SHALL NOT BE USED FOR ANY OTHER PURPOSES.

DATUM GEOTECHNICAL CONSULTANTS, INC. 10000 INDIANA AVE. STE. 2, RIVERSIDE, CA 92503	**PLOT PLAN**
CLIENT: ENVIRONMENTAL INVESTIGATION & ACTION 1032 BROOKS STREET ONTARIO, CA 91762	SITE: MOUNTAIN VIEW COUNTRY CLUB 2121 MOUNTAIN VIEW DRIVE CORONA, CALIFORNIA
DATE: APR. 22, 1992 DRAWN BY: A.R.	JOB NO.: 2141-H2-92

RECEIVED

JAN 08 1993

Health Services Agency
Department of Environmental Health
Hazardous Materials Management Bran

COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH SERVICES DIVISION
HAZARDOUS MATERIALS BRANCH

FIELD LOG

Date 12-15-92

FACILITY Mountain View Country Club
ADDRESS 2121 Mountain View Drive
CONTACT PERSON Pat Oliver & Anthony Ching
HEALTH PERSONNEL C. Jones

PLAN CHECK NUMBER 91-109
CITY Corona
TELEPHONE
FIRE PERSONNEL

86-284 (74914) 12:30 pm
on site at 1:00pm - (74924)
met w/ Mr. Ching, Pat Oliver, Mr. Wang, Dave Rietter

We discussed the Error in Datum's report. I requested they re-submit the report w/ corrections & request closure at that time.

Mr. Wang & Mr. Ching, & I went to see where the excavation had occurred.

left site at 1:45 pm
office - 2:00 pm (74935)

74950

ORRICK, HERRINGTON
& SUTCLIFFE

213/612-2479

December 8, 1992

Christine Jones
COUNTY OF RIVERSIDE
Department of Health
4065 Country Circle Drive
P.O. Box 7600
Riverside, California 92513-7600

Re: Mountain View County Club, 2121 Mountain View Drive, Corona, California

Dear Ms. Jones:

This will serve to confirm that you will meet with Anthony Ching on December 15, 1992, at 1:00 p.m. to discuss the above-referenced site.

Thank you for your courtesy and cooperation.

Very truly yours,

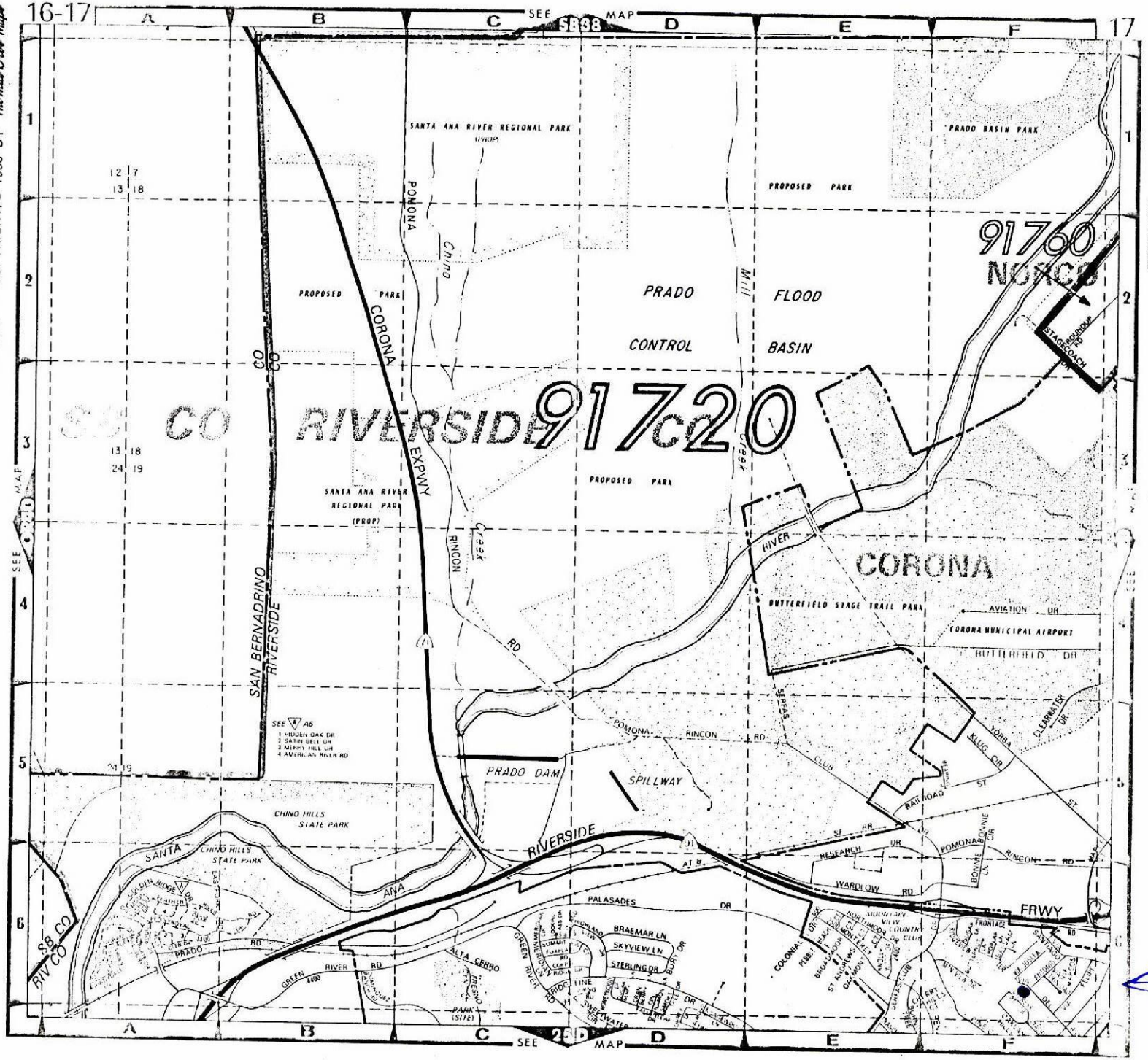
Khalisa Lord

Khalisa Lord
Secretary to
Anthony C. Ching

/kl



DEC 11 1992



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COUNTY OF RIVERSIDE
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS BRANCH

SITE NAME: Mountain View Country Club **SITE NUMBER:** 91109

SITE ADDRESS: 2121 Mountain View Dr.

DATE: 11-25-92 **TIME:** 2:10 pm

CORRESPONDENCE: [ ] MEETING [X] TELEPHONE [ ] OTHER

COUNTY EMPLOYEE: C. Jones

CONTACT PERSON: Ella Brown

ORGANIZATION: Orrick, Herrington, & Sutcliffe

PHONE NUMBER: 213-612-2264

SUBJECT: Meeting

SUMMARY:

Ella wanted to set up a meeting w/ the RPs (Tai Nan Wong, Pat Oliver) & their ~~lawyer~~ lawyer (Anthony Chang), & myself.

Meeting was set for 12-17-92. I told her I reviewed the file & it did not appear that further action was necessary at the site. Asked to have Dames revise their recommendations. (lab reported values for BTEX in ug/kg not as mg/kg as shown in Dames table).

ORRICK, HERRINGTON
& SUTCLIFFE

213/612-2479

November 13, 1992

Christine Jones
COUNTY OF RIVERSIDE
Department of Health
4065 Country Circle Drive
P.O. Box 7600
Riverside, California 92513-7600

Re: Mountain View County Club, 2121 Mountain View Drive, Corona, California

Dear Ms. Jones:

It is our understanding from Doug Thompson's letter of September 30, 1992 to Tainan Wang that you will now be responsible for the above-referenced matter. Accordingly, please be advised that we have been retained by Mountain View Country Club on this matter.

We understand that you are in the process of arranging a meeting with Pat Oliver, Secretary of Mountain View Country Club. We would like to participate in this meeting in order to bring you up to date on developments relative to this matter. We believe that it would be beneficial if this meeting could take place at Mountain View Country Club so that you can have an opportunity to familiarize yourself with site conditions.

Please call me at your earliest convenience regarding this meeting.

Very truly yours,

Anthony C. Ching

ACC:kl

RECEIVED

NOV 16 1992

Health Services Agency
Department of Environmental Health
Hazardous Materials Management Branch

COUNTY OF RIVERSIDE
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS BRANCH

SITE NAME: Mountain View Country Club **SITE NUMBER:** 91109

SITE ADDRESS: 2121 Mountain View Drive

DATE: 11-4-92 **TIME:** 11:15

CORRESPONDENCE: [ ] MEETING [X] TELEPHONE [ ] OTHER

COUNTY EMPLOYEE: C. Jones

CONTACT PERSON: Stanley Hodge / Tom Jennings / Pat Oliver

ORGANIZATION: Economy Environmental / Technical Waste / Mt View CC (RP)

PHONE NUMBER: (714) 849-3911 / 714-579-1818 / 737-9798

SUBJECT:

SUMMARY:

He has been hired by Mt View CC - They gave him some reports but he can not tell what needs to be done. I told him I would review the file & get back to him.

ACTION: Review file & contact Stanley Hodge. (wrong number (?)) & Tom Jennings ✓ and Meet w/ Pat Oliver ✓

Tom said the Table in Datum's April 22, 1992 has a typo - The units should be "ug/kg not "mg/kg - see actual lab results to verify. Tom does not think additional work is required. Site is on a hill ~ 60 above grade where GW is at ~ 130'.

11-9-92 @ 2:30pm - Pat Oliver (RP) called. They wanted to know if they could move a stockpile of uncontaminated soil (removed from the Duck Pond ~ 4 yrs ago) from one place on the golf course to another. I told her that would be ok. She wants to meet & talk about the site after I review the file. I told her that sounded like a good idea. She said some contaminated soil was inadvertently put back into the ~~test~~ excavation because it was thought that EI had removed all the soil.

COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF PUBLIC HEALTH
Phone:

4065 COUNTY CIRCLE DRIVE, RIVERSIDE, CA 92503
(Mailing Address-P.O. Box 7600, Riverside, CA 92513-7600)
FAX (714) 358-4529

September 30, 1992 Site 91 109

Mr. Tai Nan Wang
Mountain View Country Club
2121 Mountain View Drive
Corona, CA 91720

RE: Mountian View C.C., 2121 Moutain View Dr., Corona, Calif.

Dear Mr. Wang:

Effective immediately, I will no longer oversee the remediation of the above site. Christine Jones is now responsible for any questions and reports relating to the site or the program.

Should you have any further questions, please contact Ms. Jones or myself at (714) 358-5055.

Sincerely,

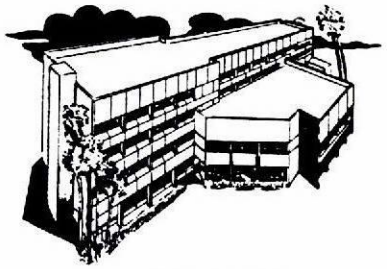
Doug Thompson
Hazardous Materials Specialist

DT:cjm

cc:Ken Williams, RWQCB

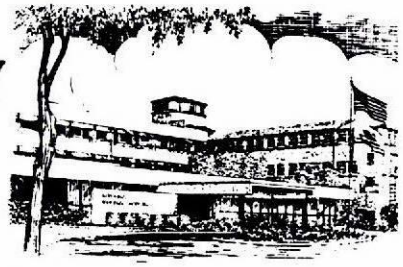
Mt. View Ct.

7-13-92 Dave Lucero of GeoRemediation phoned to inquire about vapor extraction of contamination left in place (excavated soil used to back fill). ~~Cont~~ Contamination appears to be gasoline rather than Diesel.



COUNTY OF RIVERSIDE
HEALTH SERVICES AGENCY
9851 Magnolia • Riverside, CA 92503

KENNETH B. COHEN
Director
(714) 358-7808



July 7, 1992

Site #91 109

Mr. Tai Nan Wang
Mountain View Country Club
2121 Mountain View Drive
Corona, CA 91720

RE: Leaking Underground Storage Tank Site at
Mountian View C.C., 2121 Moutain View Dr., Corona, CA

Dear Mr. Wang:

The purpose of this letter is to provide notification of your responsibility under the California Code of Regulations Title 23 Waters Section 2652 (d) to provide at a minimum, a quarterly status report to this department every three (3) months until site investigation and cleanup are complete. The owner or operator of a site shall submit to the local agency a quarterly status report detailing any investigative, remedial, or other action taken regarding the above referenced site.

The quarterly status reports should include at a minimum information listed on the sample quarterly status report enclosed with this letter. We request that you make copies of the enclosed sample report form for use each quarter. The quarterly status report shall be submitted within 15 days of the end of each quarter.

Quarter 1 - January thru March ..... Submit by April 15
Quarter 2 - April thru June ..... Submit by July 15
Quarter 3 - July thru September .... Submit by October 15
Quarter 4 - October thru December .. Submit by January 15

If status reports are currently being sent to our office, please continue to submit them according to the time schedule listed above. You may continue to use your existing format as long as the required information on the enclosed form is included.

Failure to provide quarterly status reports in a timely manner may cause the responsible party to be placed in a recalcitrant status due to non-compliance. Recalcitrant responsible parties are not eligible for California Leaking Underground Fuel Tank Clean-Up Funds and may be subject to enforcement action.

If you have any questions regarding the quarterly status reporting requirements, you may telephone me at (714) 358-5055.

Sincerely,

Doug Thompson

Doug Thompson
Hazardous Materials Specialist

DT:cjm

cc: Regional Water Quality Control Board

COUNTY OF RIVERSIDE
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS BRANCH

SITE NAME: Mt. View C.C. SITE NUMBER: 91-109

SITE ADDRESS: 2121 Mt. View Drive Corona

DATE: 7-10-92 TIME:

CORRESPONDENCE: [X] MEETING [ ] TELEPHONE [ ] OTHER

COUNTY EMPLOYEE: D. Thompson

CONTACT PERSON: Pat

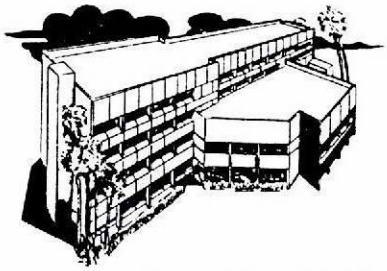
ORGANIZATION: Mt. View C.C.

PHONE NUMBER: 737 9798

29208 10:45
219 10:30

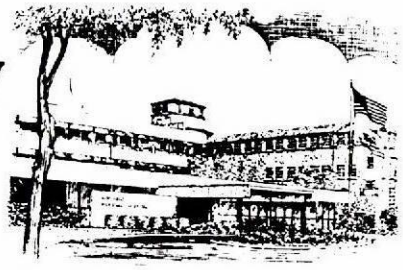
SUBJECT: remaining contamination.

SUMMARY: Met w/ Pat (secatary) and she explained she was starting legal action against ~~E~~ M.V.C.C. is also getting bids to bioremediate in place. She will let me know when she gets 3-4 bids. Viewed the area in front of the maintenance building where the tank had been excavated. The area in front of the doorway to maint building is where the contamination is located.



COUNTY OF RIVERSIDE
HEALTH SERVICES AGENCY
9851 Magnolia • Riverside, CA 92503

KENNETH B. COHEN
Director
(714) 358-7808



May 15, 1992

Site 91-109

Mr. Tai Nan Wang
Mountain View Country Club
2121 Mountain View Drive
Corona, CA 91720

RE: Subsurface Contamination Investigation at Mountain View Country Club, Corona, California.

Dear Mr. Wang:

At the request of the County of Riverside, Department of Environmental Health, Hazardous Materials Branch a recent soil investigation at the above facility in April 1992 was completed by Alex Rashad of Datum Geotechnical Consultants. Please request a copy of the following report to be sent to this office.

Title: Subsurface Contamination Investigation
Date: April 22, 1992
Project: 2141-H1-92

Thank you for your cooperation in this matter.

Should you have any questions regarding the above information, contact me at (714) 358-5055.

Sincerely,

Doug Thompson
Hazardous Materials Specialist

DT:cjm

cc: Nancy Olsen-Martin, RWQCB

Mt. View Country Club 91-109
737 9798
Brian Farkas
Tay Nan Wang Tay Nan Wang (sounds like Wong)
Pat Secretary

5-13-92
1:20 Pm Mr. Wang is not available; he is in a meeting.
Mr. Wong
2121 Mt. View Dr.
Corona 91720

Request report from Mt. View C.C.
from Datum per Alex Rashad
Subsurface contamination investigation
April 22, 1992
21 41-H1-92

5-14-92 contacted Mr. Wong who did not have the results for the April 92 subsurface investigation I contacted Alex Rashad and he said to request the report through Mr. Wong and he (Alex) would send a copy to Mr. Wong for this office.

5-26-92 Call to Pat, received report from Datum 4-22-92 assessment on excavation. She requested a list of other consultants.

RIVERSIDE PRESS ENTERPRISE . THURS. MAY 14, 1992

Three accused of mishandling chemical waste

By Gary Polakovic
The Press-Enterprise

Three Riverside County men have been charged with 53 felony counts of illegal storage of hazardous waste at an Ontario hauling company in one of the largest toxic waste busts in San Bernardino County.

Arrested Tuesday were Environmental Investigation and Action Inc. President Ken Benton Barnett, 29, of Lake Elsinore; Operations Manager James Dean Horne, 30, of Riverside; and sales consultant Dave Wayne Littlefield, 28, of Lake Elsinore.

The arrests culminated a two-year investigation of the company, which takes chemical wastes from California businesses, schools and the military and trucks it to disposal sites.

Company employees stored thousands of waste drums for longer than the six-day limit set by state laws. In some cases, wastes were mixed, spilled and stored without labels for up to six months, said Steve Burtnett, environmental crimes prosecutor for the San Bernardino County District Attorney's office.

Please see **WASTE**, B-4

WASTE

Continued from **B-1**

"The reason they would do this is so they could consolidate their loads and make less shipments so they could make more money," Burtnett said yesterday.

Company officials are also accused of falsifying hazardous waste tracking forms to mask the waste storage practices, Burtnett said.

Wastes the company handled included sludges, solvents, heavy metals and cyanide.

Mark Geragos, an attorney representing Horne, said, "It's a legitimate business, run by environmentally concerned businessmen. We look forward to vigorously defending against these charges."

The company has been the target of numerous inspections and notices of violations by the District Attorney's office and the California Environmental Protection Agency's toxics department since February 1990.

If convicted, Barnett faces a maximum sentence of life in prison and millions of dollars in fines. Littlefield and Horne face maximum sentences of 3 years each in state prison and fines.

Staff writer Julie Yamamoto contributed to this report.

DATUM

GEOTECHNICAL CONSULTANTS, INC.

SUBSURFACE CONTAMINATION INVESTIGATION

FOR THE REMOVED UNDERGROUND STORAGE TANK'S AREA WITHIN

MOUNTAIN VIEW COUNTRY CLUB
LOCATED AT 2121 MOUNTAIN VIEW DRIVE CITY OF CORONA, CALIFORNIA

JOB NO. 2141-H1-92
APRIL 22, 1992

PREPARED FOR:

ENVIRONMENTAL INVESTIGATION AND ACTION, INC.
1032 BROOKS STREET
ONTARIO, CA 91762
(714) 467-4949

10,000 INDIANA AVENUE, SUITE 2, RIVERSIDE, CA 92503 (714) 688-8401

JOB NO.: 2141-H1-92
DATE: APR. 22, 1992

CLIENT: **ENVIRONMENTAL INVESTIGATION AND ACTION, INC.**
1032 BROOKS STREET
ONTARIO, CA 91762

ATTENTION: **MR. JIM HORNE**

SUBJECT: Subsurface Contamination Investigation for the removed Underground Storage Tank located at the Mountain View Country Club,
City of Corona, Riverside County, California.

REFERENCES:

1) Work plan prepared and submitted by Geo-West Engineering to the Riverside County, Environmental Health Division on October 22, 1991.

2) Copy of Riverside County's project file containing daily reports, and laboratory test results.

DEAR MR. HORNE:

In accordance with your request and authorization, this office has completed a Subsurface Contamination Investigation for the subject site.

Our scope of work included the following functions:

1) Review of available Literature, Engineering Data and Reports

2) Site reconnaissance

3) Observation of the drilling of one (1) Exploratory Boring to a maximum depth of 60 feet

4) Sampling of seven (7) soil samples which were taken at 10, 20, 32, 45, 50, 55, and 60 feet below existing ground elevation.

5) Initiation of the Chain of Custody for the soil samples.

6) Analysis of Laboratory Test Data of the soil samples which were tested by utilizing EPA Test Method 8015M for Diesel and 8020 (BTXE) as proposed in approved work plan.

7) Preparation of this final report presenting our findings, conclusions and recommendations pertaining to the subject site

The approximate location of the exploratory boring is shown on the attached plot plan (Appendix C).

This report should be reviewed in detail prior to proceeding with any plans regarding the subject site.

This opportunity to be of service is appreciated, should you have any questions regarding this report, please do not hesitate to contact this office.

Respectfully,

DATUM GEOTECHNICAL CONSULTANTS, INC.



Ismail A. Hadi

Ismail A. Hadi, P.E.
Principal Engineer

Attachments:

Appendix A Exploratory Boring Log

Appendix B Laboratory Test and Data

Appendix C Plot Plan

SITE CONDITIONS

The investigated area of the removed underground storage tank is located within Mountain View Country Club property which is located at 2121 Mountain View Drive in the City of Corona.

The area investigated measures approximately 10 x 40 feet in size. A one story structure is located on the south side and Via Del Oro on the east side of the investigated area. One (1) 1,000 gallons unleaded fuel tank was removed by Environmental Investigation and Action, Inc. on October 26, 1990 in the presence of county of Riverside Health department officials at the approximate area shown on the plot plan "See Appendix C". The site is being utilized as a service area for lawn mowers and gardening equipment.

FIELD INVESTIGATION

It is understood from the county records that a one thousand (1,000) gallon fuel tank was removed and that the area of the excavation "Approximately 10 x 40 feet by 40 feet deep" was backfilled with on site soils. This area was investigated in the presence of Ms. Sharon Boltinghouse of Riverside County, Environmental Health Division Haz-Mat, in accordance with the approved work plan submitted to Riverside County by Geo-West Engineering on October 22, 1992.

A field investigation consisting of subsurface exploration was conducted on April 08, 1992, one (1) exploratory boring was drilled in the center of the backfilled area of the removed fuel tank to a maximum depth of 60 feet.

Sampling method was conducted utilizing a hollow stem auger drill rig machine equipped with an eight (8) inches diameter augers, a split tube drive, and brass tubes to retain the earth material samples. The sampling tube was driven by 140 lbs. hammer into earth materials at depths of five (5) feet intervals then the brass tube which contains the undisturbed soil sample was covered with aluminum foil and capped air tight with teflon tape at both ends to insure the safety of the soil sample. All sealed soil samples were placed in an iced cooler for transportation to the testing laboratory for analysis.

The sampling tube "Split tube" was rinsed after obtaining each sample to insure that the sampling and the brass tubes are clean and free of any contamination, the rinsate generated and the drilled soils were drummed and stored on site for the appropriate disposal by Environmental Investigation and Action, Inc..

The soils materials encountered were sampled and logged by a representative of this office, the soil logs are included in "Appendix B".

The exploratory boring was backfilled with a two bag slurry concrete mix.

The samples obtained were analyzed by a state approved chemical laboratory utilizing test method 8015M and 8020 BTXE as per work plan prepared and submitted to Riverside County, Hazardous Material Division, by Geo-West Engineering.

The test results of the State Approved Chemical Laboratory on several soil samples are tabulated for analysis and a copy of the original contamination test results are included in Appendix "B".

The following table is the tabulated laboratory test data:

SOIL SAMPLE		8020 (BTXE)	8015M
B-1 @ 10 FEET		N.T.	N.D.
B-1 @ 20 FEET		N.T.	4.00 mg/kg
B-1 @ 32 FEET		8,636.00 mg/kg	60.00 mg/kg
B-1 @ 45 FEET		1,081.00 mg/kg	6.00 mg/kg
B-1 @ 50 FEET		N.T.	N.D.
B-1 @ 55 FEET		N.T.	N.D.
B-1 @ 60 FEET		N.T.	N.D.

N.T. = No Test was performed.

N.D. = None Detected at Practical Quantitation Limit (PQL).

FINDINGS, CONCLUSIONS AND RECOMMENDATIONS

FINDINGS:

The soil materials encountered in the upper 40 feet consisted of fill brown fine to medium silty sands with some debris, moist and in loose condition followed by native light brown fine to medium silty sands slightly moist and medium dense at greater depths to 60 feet.

Based on the tabulated test results and field visual observation, the followings are our findings:

- Results of EPA test method 8020 BTXE performed on two (2) soil samples B-1 @ 32' and B-1 @ 45' indicated that a high level of contamination is present in the backfill materials, the levels were 8,636.00 mg/kg and 1,081.00 mg/kg respectively.
- The level of Total Petroleum Hydrocarbon (TPH) 8015M in test borings B-1 indicates a maximum level of 60 mg/kg which was found in the sample obtained at 32 feet below existing ground elevation.
- Backfill materials used for the backfill of the hole after the removal of the underground storage tank was found in very loose conditions.
- Some trash and debris were also found in the backfill materials during drilling operation.

CONCLUSIONS:

The soils used for the backfill of the removed underground storage tank excavation has been found to contain contaminants at different levels, therefore, the source and plume of contamination must be determined.

RECOMMENDATION:

- Further investigation needs to be performed in/and around the general vicinity of the removed underground storage tank to determine the plume of the contamination vertically and horizontally. This should be done in a form of work plan that should be reviewed and approved by Riverside County, Environmental Health Division Haz-Mat, prior to commencement of any additional investigation.

- The backfill soils need to be excavated and treated prior to backfill to a minimum depth of 45 feet.

- Additional testing is recommended at deeper depths below backfill soils

The findings conclusions and recommendations contained in this report are subject to the review of the governing local agencies in Riverside County since the allowable limits of contamination are handled on case by case basis depending on the severity of contamination, type of facilities proposed, depth to the ground water, adjoining land use and other factors.

APPENDIX "A"

BORING LOG NO. B - 1 CONTINUED

JOB NO. 2141-H1-92 SITE: 2121 MOUNTAIN VIEW COUNTRY CLUB
MOUNTAIN VIEW DRIVE, CORONA, CA

CLIENT: ENVIRONMENTAL INVESTIGATION AND ACTION, INC.

HOLE DIA.: 8" ELEVATION: E.G. LOGGED BY: ALEX DATE: 04-08-92

SAMPLING METHOD: DRILL AUGER DRIVE WEIGHT: 140 LBS DROP: 30"

DRY DENSITY (pcf)	MOISTURE CONTENT(%)	BLOWS PER FOOT	SAMPLE	DEPTH (feet)	SOIL CLASS.	EARTH MATERIALS DESCRIPTION
				0		FILL: BROWN FINE TO COARSE SILTY SANDS, MOIST, AND VERY LOOSE WITH SOME DEBRIS, NO PETROLEUM ODOR.
				5		
			●	10		SLIGHT PETROLEUM ODOR.
				15		
			●	20		LOOSE W/ SOME DEBRIS. STRONG PETROLEUM ODOR
				25		
			●	30		FILL: BROWN CLAYEY FINE TO MEDIUM SILTY SANDS, MOIST, AND LOOSE WITH SOME DEBRIS, STRONG PETROLEUM ODOR.
				35		
				40		END OF FILL MATERIALS

● UNDISTURBED SAMPLE ■ BULK SAMPLE ◆ S.P.T.

BORING LOG NO. B - 1

JOB NO. 2141-H1-92 SITE: 2121 MOUNTAIN VIEW COUNTRY CLUB
MOUNTAIN VIEW DRIVE, CORONA, CA

CLIENT: ENVIRONMENTAL INVESTIGATION AND ACTION, INC.

HOLE DIA.: 8" ELEVATION: E.G. LOGGED BY: ALEX DATE: 04-08-92

SAMPLING METHOD: DRILL AUGER DRIVE WEIGHT: 140 LBS DROP: 30"

DRY DENSITY (pcf)	MOISTURE CONTENT(%)	BLOWS PER FOOT	SAMPLE	DEPTH (feet)	SOIL CLASS.	EARTH MATERIALS DESCRIPTION
				40		NATIVE: TAN FINE TO MEDIUM SILTY SANDS, SLIGHTLY MOIST, MEDIUM DENSE. STRONG PETROLEUM ODOR.
			●	45		
			●	50		BROWN COARSE SILTY SANDS, MOIST, MEDIUM DENSE. NO PETROLEUM ODOR.
			●	55		BROWN FINE TO MEDIUM SILTY SANDS, MOIST, MEDIUM DENSE. SLIGHT PETROLEUM ODOR.
			●	60		SLIGHT PETROLEUM ODOR. END OF BORING AT 60 FEET. NO GROUND WATER ENCOUNTERED. BORING BACKFILLED W/ SLURRY. RINSATE AND DRILLED SOILS DRUMMED AND ARE TO BE HAULED OFF SIT BY E.I.A. SEE TABULATED DATA FOR CONTAMINATION TEST RESULTS.
				65		
				70		
				75		
				80		

◐ UNDISTURBED SAMPLE ■ BULK SAMPLE ◆ S.P.T.

APPENDIX "B"

Applied P & Ch Laboratory
4066 E. Mission Blvd., Pomona CA 91766
Tel: (714) 622-5148 Fax: (714) 622-3199

APCL Analytical Report

Submitted to:
Datum Geotechnical Consultants, Inc.
Attention: Alex Rashad
10,000 Indiana Ave, Unit 2
Riverside, CA 92503
Tel: (714)688-8401 Fax: (714)688-2217

Service ID #: 801-921634
Collected by: Alex Rashad
Collected Date: 04/08/92
Sample description:
Soil Samples from Corona Golf Course
2141-H1-92

Received Date: 04/09/92
Tested Date: 04/14-17/92
Reported Date: 04/20/92

Analysis of TPH, BTXE in Soil

801-921634 Page 1 of 1

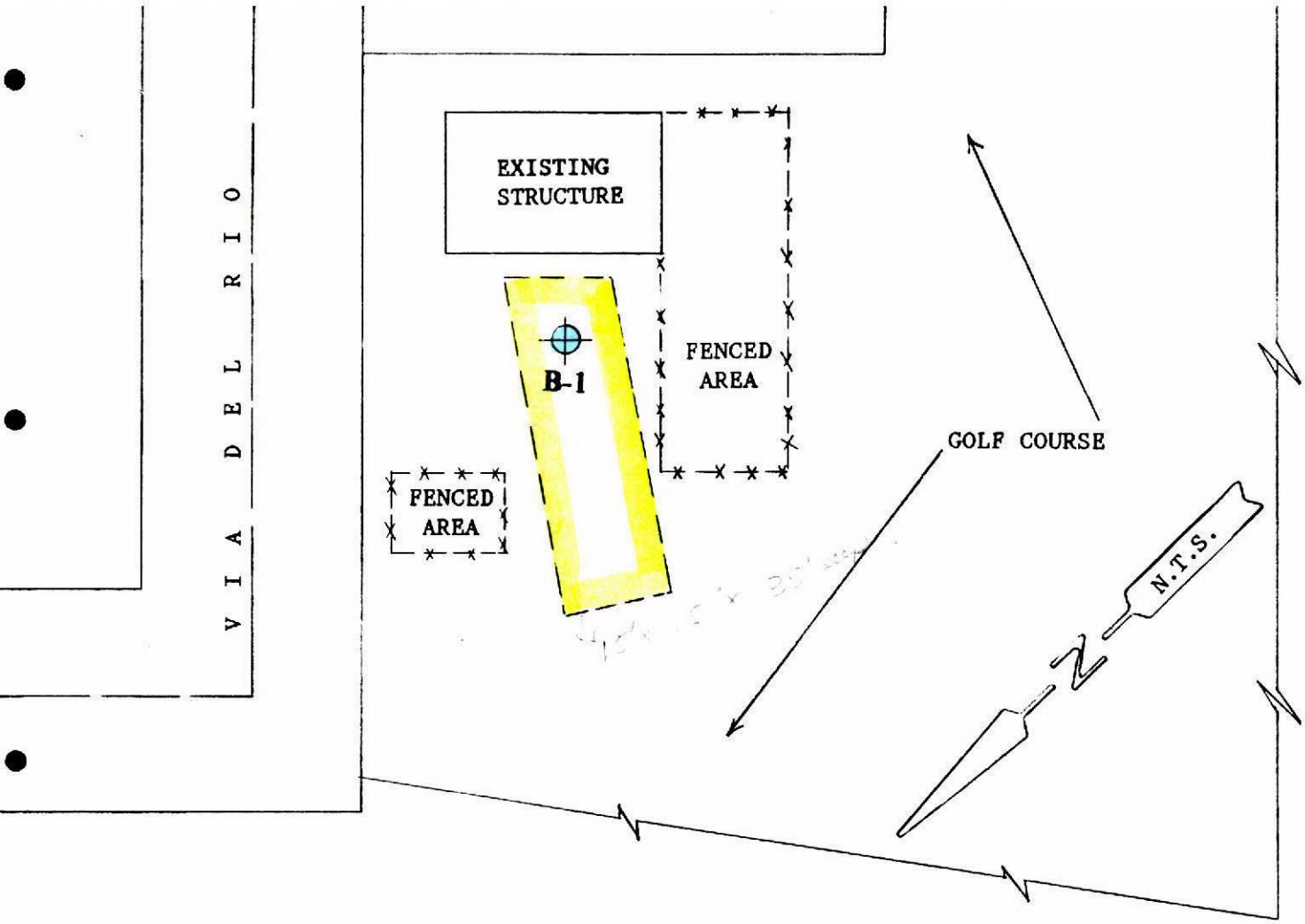
Component	Method	Unit	MDL	Concentration						
				Soil B1 @ 10'	Soil B1 @ 20'	Soil B1 @ 32'	Soil B1 @ 45'	Soil B1 @ 50'	Soil B1 @ 55'	Soil B1 @ 60'
				92-1634-1	92-1634-2	92-1634-3	92-1634-4	92-1634-5	92-1634-6	92-1634-7
TPH (Diesel)	LUFT/M8015	mg/kg	1	N.D.	4	60	6	N.D.	N.D.	N.D.
Benz. Tolu. Xylen. Ethylbenz. (BTXE)										
Benzene	8020	μg/kg	1	–	–	N.D.	N.D.	–	–	–
Toluene	8020	μg/kg	1	–	–	547	51	–	–	–
Ethylbenzene	8020	μg/kg	1	–	–	539	92	–	–	–
p-Xylene	8020	μg/kg	1	–	–	3,490	404	–	–	–
o-Xylene/m-Xylene	8020	μg/kg	1	–	–	4,060	534	–	–	–
BTXE, Total	8020	μg/kg	1	–	–	8,636	1,081	–	–	–

MDL : Method Detection Limit
– : The analysis has not been required for that sample.
N.D. : Not Detected in this analysis, or less than the method detection limit.

Respectfully submitted,

Jack Y. Zhang, Ph. D.,
Director
Applied P & Ch Laboratory

APPENDIX "C"



B-1 ⊕ APPROXIMATE LOCATION OF EXPLORATORY BORING

APPROXIMATE LOCATION OF BACKFILLED HOLE

DISCLAIMER: THIS IS NOT A PRECISE PLOT PLAN, IT IS FOR THE INTENDED USE OF LOCATING THE EXPLORATORY BORING AND THE EXISTING SITE CONDITIONS, AND SHALL NOT BE USED FOR ANY OTHER PURPOSES.

D A T U M GEOTECHNICAL CONSULTANTS, INC. 10000 INDIANA AVE. STE. 2, RIVERSIDE, CA 92503	P L O T P L A N
CLIENT: ENVIRONMENTAL INVESTIGATION & ACTION 1032 BROOKS STREET ONTARIO, CA 91762	SITE: MOUNTAIN VIEW COUNTRY CLUB 2121 MOUNTAIN VIEW DRIVE CORONA, CALIFORNIA
DATE: APR. 22, 1992 DRAWN BY: A.R.	JOB NO.: 2141-H1-92

RECEIVED

MAY 26 1992

Health Services Agency
Department of Environmental Health
Hazardous Materials Management Branch

Mt. View C.C.

(4)
SCB

3-3-92 Reviewed letter from Datum Geotechnical stating that they will be following GeoWest's workplan for confirming site subsurface conditions as clean. 1:05 called Alex Rashad & verbally accepted their letter. They plan to do work 3-6-92. O.K.

3-6-92 12:45 Called Pat @ C.C. - Told her drilling planned for Tues. am

3-10-92 Sharon on-site for drilling

4-8-92 Sharon on-site for drilling.

4-8-92 12:45 called Envirosafe Services Inc. (ESI) to see if 13 soil for unsigned manifests ~~[illegible]~~ was ever received & signed. Shireen will call me back.

4-8-92 1:15 Shireen of ESI called & said soil received at their facility.

4-21-92 11:00 Alex Rashad of Datum called to let me know soil samples came back high - down to 45'. 30-45' seems to be area of cont. 50, 55, 60 clean. 32' sample very dirty. He'll fax me info.

12-18-91 cont. drilling going to occur. Called Paul Peck at GeoWest. He said they're waiting on EIA. I'll call EIA to find out.

12-20-91 7:35 Called Jim @ EIA. Scheduled drilling for 9:00 on Jan 2 (Thurs.)
Called & left message for Pat - told her drilling scheduled.

1-2-92 -8:40 Jim of EIA called. He said GeoWest has gone out of business. He doesn't know what will be able to work out. He'll check into it & keep me informed.

1-13-92 1:35 Called Jim Horne of EIA to see what he's doing about investigation. He said that EIA has hired Datum to do work. I told him to request a copy of accepted workplan written by Geowest from this office & have Datum write an addendum to it for any changes they will be making.

1-13-92 1:50 Called Pat @ Golf Club & told her what Jim said. Will wait about 2 weeks to hear from them.

2-6-92 7:35 Talked to Jim @ EIA He said that Datum is going to doing work for EIA. He's meeting with them today.
Called Pat at C. Club told her what Jim told me. o.k.

2-13-92 1:30 Met w/ Alex Rashad & Ishmal of Datum discussed site history & what they plan to do at site. They will come in 2-14-92 to review file.

3-27-91 2:15 Spoke w/ Dave Littlefield of EIA. He got verbal results for recent soil samples taken: Highest one is 108 ppm (418.1) Dave will re-sample w/ geologist on-site He is pretty sure G.W. ~ 80' BGS. if so site may be ready to consider closure. He will find out about G.W. depth & get back to me.

4-4-91 Sharon on-site for soil sampling (See field notes)

5-7-91 4:30 Dave Littlefield called. Said they've done more digging, they're @ 36' BGS and if still doesn't look good, possibly getting dirtier? Dave said GW ~ 130' BGS

5-24-91 Sharon on-site for soil sampling.

~ 7-2-91 Talked to Dave Littlefield, asked him to send lab data for ~~All~~ soil sampling done.

7-22-91 12:35 Dave Littlefield - Asked him again for lab results. He said package has been put together, he will send it today.

7-31-91 Rec'd package of mat'ls → Manifests, Lab results.

8-8-91 Reviewed package. Not sufficient. Wrote letter.

9-18-91 3:30 Pat called from Mt View. She's having trouble getting info from EIA. She's working on it & will continue.

10-2-91 4:00 Paul Peck of Geowest called to let me know they will be doing investigation at Mt. View in order to sign off site as clean by R. Geologist. They are making up w.p. to do confirmation drilling at site.

10-31-91 Confirmation drilling W.P. accepted

12-18-91 Pat of Mt. View called to see when

SCB

Mountain View Country Club 91-109

2-26-91 2:15 Called MVCC inquiring about Orrison VanTassel, because letter returned. They don't have anyone w/ this name at this site. Contacted Brian Farkas (737-9798) of MVCC - he is Manager of Country Club. He says group of people own the club and any correspondence should be sent attn Manager at Country Club.

2-26-91 2:45 Talked to Dave Littlefield of EIA, who removed tanks. He said he's done more excavating & some borings re: Work plan which Brad Nicolet o.k.ed. I told him I didn't know anything about this activity on-site OR the work plan.

2-27-91 7:05 Talked w/ Brad Nicolet of Liv Co Hlth Dept. Also, he never rec'd work plan & known nothing about work going on out at this site since tanks were pulled.

2-27-91 8:40 Left message for Dave Littlefield to call me (Sharon)

2-28-91 11:35 Called Dave Littlefield. He will excavate & let me know when he's ready for me to observe sampling.

3-13-91 10:30 Dave Littlefield called to let me know they're ready for sampling. I will observe sampling on Monday March 18 at 10:00.

3-25-91 8:10 Brian Farkas of Mtn View called concerned about sampling procedure letter I sent (3-19-91) to him & Dave Littlefield (EIA). I told him soil contaminated, so I let EIA slide, if it didn't appear contaminated, I would have stopped him.

COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH SERVICES DIVISION
HAZARDOUS MATERIALS BRANCH

Page ___ of ___

FIELD LOG

Date 4-8-92

FACILITY Mt. View C.C.
ADDRESS
CONTACT PERSON
HEALTH PERSONNEL S. Boltinghouse/B. MacGregor
PLAN CHECK NUMBER
CITY
TELEPHONE
FIRE PERSONNEL

9:40 Arrive on-site
Alex Raslad of Datum
Jim Horne of EIA
on-site w/ Barge's
Drilling Co doing
borings. Frank from Mt.
View also present.
Odor detected @ approx
30 ft. . Misc debris found
between 35-40' (plastic tarp, backfill rock, etc.)
Stopped drilling temporarily @ 40' when backfill
type mat'l encountered. Frank's crew
backfilled excavation & he indicated that
there was misc debris in hole
backfill mat'l.
Odor very strong at 40'. Jim of EIA
will look into amount of mat'l hauled to
landfill. (My personal opinion - dirty
soil was used for backfilling excavation -
but samples collected in native mat'l
will help explain this.)
Frank also said he measured excavation
depth of 45' BGS.
11:15 leave site.

COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH SERVICES DIVISION
HAZARDOUS MATERIALS BRANCH

FIELD LOG

Date 3-10-92

FACILITY Mt. View C.C.
PLAN CHECK NUMBER 91-109
ADDRESS
CITY Corona
CONTACT PERSON
TELEPHONE
HEALTH PERSONNEL S. Boltinghouse
FIRE PERSONNEL —

9:30 on site
Alex Rashad of Datum
Jim Horne of EIA
EIA drill rig doing drilling

Drilling in area of excavation.
Alex finds that excavation not backfilled properly & soil samples are not able to be collected - drive samples down 10-20' or more w/o retrieval.

Rig broke down, unable to be repaired.

11:15 leave site.

DATUM

GEOTECHNICAL CONSULTANTS, INC.

Reviewed by
SCB 3-3-92
ok.

FEBRUARY 27, 1992

RIVERSIDE COUNTY HAZARDOUS MATERIALS
P. O. BOX 7600
RIVERSIDE, CA 92513-7600
ATTN: MS. SHARON BOLTINGHOUSE

SUBJECT: FINAL SUBSURFACE CONTAMINATION INVESTIGATION FOR THE PREPARATION OF THE CLOSURE REPORT

PROJECT: Mountain View Country Club
2121 Mountain View Drive
Corona, CA 91720

DEAR MS. BOLTINGHOUSE:

On February 26, 1992 this office received a copy of the job file for the above mentioned project from your department and after reviewing its content we decided on doing the final subsurface contamination investigation as per Geowest Engineering work plan dated October 22, 1991 which was approved by you on October 30, 1991 and we agree with you that the sampling through the backfill material should be at 10 feet intervals but from 45 feet below ground surface to a maximum depth of 60 feet the sampling should be at 5 feet intervals because it is undisturbed native material.

We would like to schedule our equipment and personnel for the subsurface investigation on March 6, 1992, therefore, we need to know when a representative from your office will be available to witness the drilling and sampling procedures at the job site.

We appreciate you taking the time to meet with us and discuss this project your insight was helpful.

Should you have any further questions please do not hesitate to contact this office.

Respectfully,

DATUM GEOTECHNICAL CONSULTANTS, INC.

ALEX RASHAD, Project Manager

10,000 INDIANA AVENUE, SUITE 2, RIVERSIDE, CA 92503 (714) 688-8401

RECEIVED
FEB 28 1992
RIVERSIDE CO.
HEALTH DEPT.
Environmental Health
HAZARDOUS MATERIALS

COUNTY OF RIVERSIDE
DEPARTMENT OF HEALTH

Phone:

4065 COUNTY CIRCLE DR. RIVERSIDE, CA. 92503
(Mailing Address-P.O. Box 7600 Riverside, CA. 92513-7600)
FAX (714) 358-4529

October 31, 1991

COUNTRY CLUB MANAGER
MOUNTAIN VIEW COUNTRY CLUB
2121 MOUNTAIN VIEW DR.
CORONA, CA 91720

Dear Country Club Manager:

RE: Underground Storage Tank Cleanup

The County of Riverside, Environmental Health Services Division, Hazardous Materials Branch has received and accepted the Work Plan to Assess Completed Remediation at your facility (Geowest dated October 22, 1991). Please schedule with our office a minimum of five working days prior to anticipated commencement of field activities.

If you have any questions, please call me at (714) 358-5055.

Sincerely,

Sharon Boltinghouse

Sharon Boltinghouse
Hazardous Materials Specialist

SB:cjm

cc: RWQCB
Steve Stankov (Geowest)

Reviewed by SCB 10-30-91
1) O.K. to sample every 10' because much of drilling will be w/in backfill mat'l.

GEOWEST

October 22, 1991

Ms. Sharon Boltinghouse
Department of Health Services
4065 County Circle Drive
Riverside, CA 92503

Subject: Work Plan to Assess Completed Remediation at Mountain View Golf Course, 2121 Mountain View Drive, Corona, California.

Dear Ms. Boltinghouse,

Soil sampling and testing is needed to determine if all of the contaminated soil by diesel fuel has been removed from the tank excavation site at the above named address. A status report is included herewith dated February 6, 1991, documenting the amounts of removed contaminated soil. The remediated excavation of this site includes an area of ten feet wide by twenty five feet long and about thirty seven feet deep. The soil has been replaced by clean material at the excavated diesel tank area as well as the location of the dispenser pump area.

We propose to drill two borings at this site; one through the pump location, and one centered over the tank location. The boring centered over the excavated tank is planned to be sixty feet deep. The other boring is planned thirty feet deep, but would be extended if contamination is found in the soil while sampling.

We propose to drill, log and sample the site using a hollow stem auger drill rig equipped with eight inch diameter augers, and split tube drive sampling equipment driven by 140 pound hammer. Undisturbed soil sampling will be carried out beginning at ten feet deep and will continue at every ten foot depth interval. The soil samples will be retained and sealed in clean brass tubes which line the sampler. The sampler will be cleaned and rinsed in trisodium phosphate solution and rinsed in clean water between each drive of the sampler, and the hollow stem augers will be washed before each boring.

5'

Corporate Offices
3100 Airway Avenue, Suite 121
Costa Mesa, CA 92626
(714) 966-3000

October 22, 1991
Mountain View

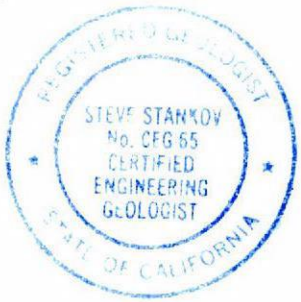
The borings will be logged by an experienced soils technician using the Unified Soils Classification System. The work will be under the supervision of a registered geologist. Sealed soil samples will be placed in an iced cooler and will be transported under chain of custody protocol to a certified analytical soils laboratory for testing. Testing will include California DOHS Draft Method for diesel fuel. EPA 8020 will be run on all samples where TPH is detected by the State method.

A report will be written and submitted to your office by the geologist documenting findings and the soil analyses form the site. The report will include boring logs, location of the site, chain of custody of samples, and the chemist's report. If you have any questions regarding this work plan, or desire to make any changes or additions, please notify us.

Sincerely,

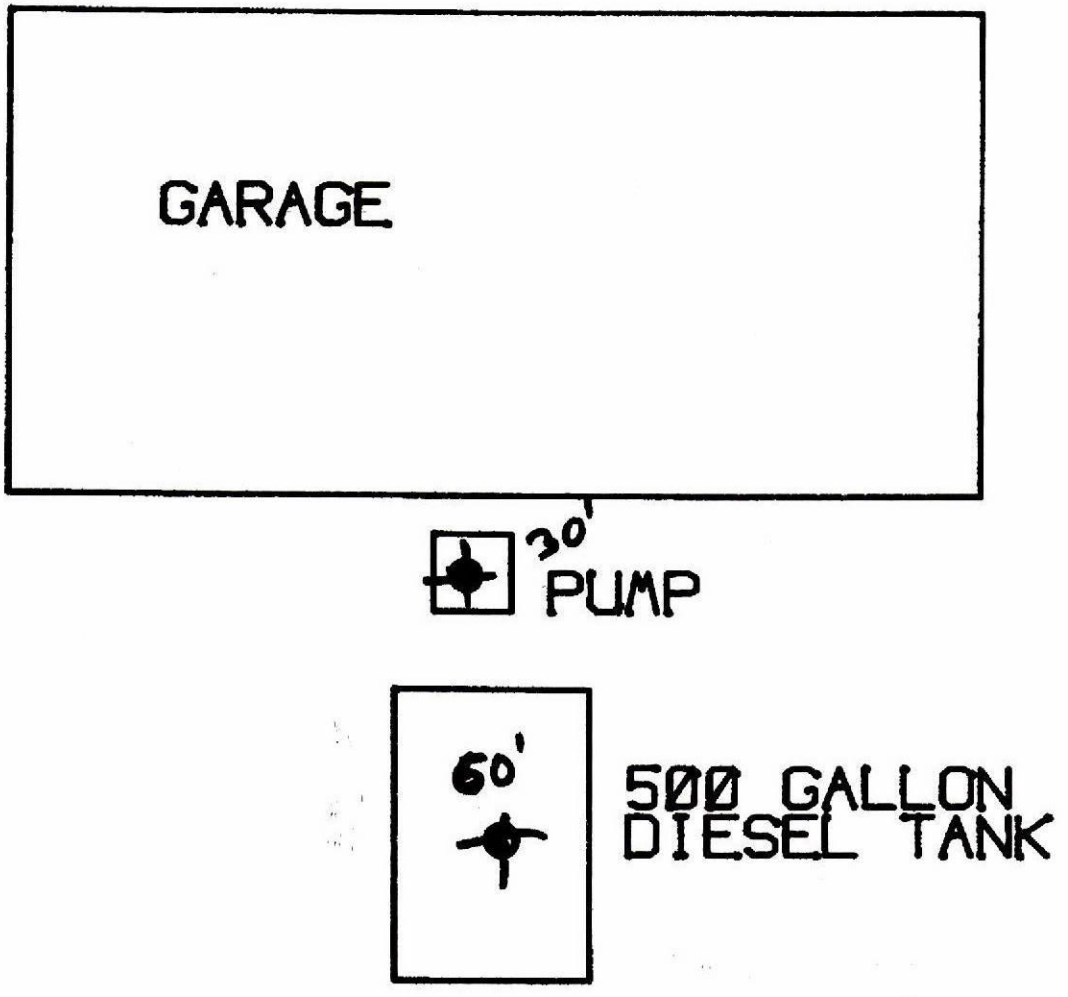
S. Stankov

Steve Stankov, CEG.,REA.
Engineering Geologist No.065
Environmental Assessor No.02615



MOUNTAIN VIEW COUNTRY CLUB

2121 MOUNTAIN VIEW DR. CORONA CA



ENVIRONMENTAL INVESTIGATION
AND ACTION INC.

STATUS REPORT
February 6, 1991

Mountain View Country Club
2121 Mountain View Drive
Corona, California 91720
Project # 13015

BACKGROUND:

The subject property being Mountain View Country Club had one 1,000 gallon unleaded fuel tank that was removed on October 26, 1990 by Environmental Investigation and Action Inc. (EIA) in the presence of Brad Nicholette of the Riverside County Environmental Health Department. Soil samples taken at the time of removal showed elevated levels of hydrocarbon contamination that were in excess of Department of Health Services action levels (see attachment 1).

On January 31, 1991 a total of 45 tons of contaminated soil was removed from the bottom of the excavation and transported on a hazardous waste manifest to Envirosafe Services of Idaho (#90141682 through #90141685).

RECOMMENDATIONS:

EIA recommends that additional sampling be done in several areas of excavation to determine the full vertical and lateral extent of contamination before additional remediation is done. Once sample results are obtained and a delineation of plume has been determined then additional remediation may be necessary.

After all contaminated soil has been removed then the presence of the Riverside County Health Department will be requested for final soil sampling. At the closing of this project a closing report prepared by the Smith-Emery company will be supplied to the Riverside County Health Department.

Dave Littlefield, Marketing Director

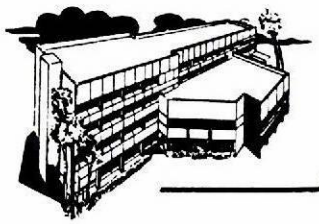
DL:le
attachments

ENVIRONMENTAL MANAGEMENT COMPANY
1900 S. PROFORMA AVE. UNIT A • ONTARIO, CA 91761 • 800-765-3687 • 714 -923-4355 • FAX 714-923-0166

RECEIVED
OCT 23 1991
RIVERSIDE CO.
HEALTH DEPT.
Environmental Health
HAZARDOUS MATERIALS

Dr. Sparks
Acting Director of Health
XXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXX

Phone:



COUNTY OF RIVERSIDE
DEPARTMENT OF HEALTH

4065 COUNTY CIRCLE DR. RIVERSIDE, CA. 92503
(Mailing Address-P.O. Box 7600 Riverside, CA. 92513-7600)
FAX (714) 358-4529

August 8, 1991

Country Club Manager
Mountain View Country Club
2121 Mountain View Dr.
Corona, CA 91720

Dear Country Club Manager:

RE: Underground Storage Tank Cleanup

This office has received and reviewed the closure package submitted by Environmental Investigatin and Action. We will need the following items prior to closing your case with this office:

1. A report summarizing remedial activities and procedures signed by a registered professional, and

2. A map with soil sampling locations labeled.

Please submit this information to this office on or before **Friday, August 23, 1991.** If you have any questions, please call me at (714) 358-5055.

Sincerely,

Sharon Boltinghouse
Hazardous Materials Specialist

cc: Dave Littlefield (EIA)
SARWQCB

CINDRA ROWELL, B.S.N., M.B.A.
DEPUTY DIRECTOR OF HEALTH
PERSONAL HEALTH SERVICES

JOHN FANNING, R.E.H.S., M.P.A.
DEPUTY DIRECTOR OF HEALTH
ENVIRONMENTAL HEALTH SERVICES

R.L. NEIL, M.D., M.P.H.
ASST. DIRECTOR OF HEALTH

H.C. HOLK, D.V.M., M.P.H.
DEPUTY DIRECTOR OF HEALTH
SPECIAL SERVICES

HEALTH CENTERS

BANNING 3055 RAMSEY STREET - Banning, CA 92220 ● BLYTHE 263 NORTH BROADWAY - Blythe, CA 92225 ● CASA BLANCA 7240 MARGUERITA - Riverside, CA 92504 ● CORONA 505 SOUTH BUENA VISTA - Corona, CA 91720 ● HEMET 880 NORTH STATE STREET - Hemet, CA 92343 ● INDIO 46-209 OASIS STREET - Indio, CA 92201 ● LAKE ELSINORE 30195 FRASER DR. - Lake Elsinore, CA 92330 PALM SPRINGS 3111 TAHQUITZ-McCALLUM - Palm Springs, CA 92262 ● PERRIS 237 NORTH "D" ST. - Perris, CA 92370 ● RIVERSIDE 1520 LINDEN ST. - Riverside, CA. 92507 ● JURUPA 9415 MISSION BLVD. - Riverside, CA 92509 ● TEMECULA 41002 COUNTY CENTER DRIVE - Temecula, CA 92390

C NTY OF RIVERSIDE, DEPARTMENT OF HE CH
ENVIRONMENTAL HEALTH SERVICES DIVISION
HAZARDOUS MATERIALS BRANCH

UNDERGROUND STORAGE TANK PERMIT FOR CLOSURE

TYPE OF PERMIT

Removal	(X)
Abandonment in Place	( )
Temporary Closure	( )

This permit shall not be construed as to allow the violation of any law, nor does it prevent further corrections of errors found on the application, plans, or at the site. Plans must be resubmitted for approval if any additional changes are made by the applicant.

In addition to this permit, all applicable permits required by the local fire department, building department, and the air quality management district must be obtained and should be available for review at the closure site.

All tank closures must, at a minimum, comply with the California Underground Storage Tank Regulations and the appropriate section of the California Health & Safety Code.

Environmental Investigation & Action, Inc. has applied for and is granted a permit to
(Owner/Contractor/Applicant)

Remove (Remove/Abandon/Temp. Close) 1 (No.) underground storage tank(s) at

Mnt. View Country Club (Facility Name) located at

2121 Mountain View Drive (Street Address) in Corona (City/Town), California.

Underground tank closure inspections **must be scheduled five (5) business days in advance.** Telephone (714) 358-5055.

Bernd Lehlicher (Permit Approved By) 10/22/90 (Date) 90-371 (Plan Check #)

*This Permit for Closure is VALID FOR 90 DAYS from the date of approval. If no reasonable action is taken within that period, the applicant will be required to reapply for a closure permit with all pertinent fees associated.

1) Not signed by Registered Professional

2) No map w/sample locations labeled

3) FORMAL REPORT STATING REMEDIAL ACTIVITIES & PROCEDURES.

4)

7-31-91

This package was submitted by Dave Littlefield of EIA for site closure.

COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH

UNDERGROUND STORAGE TANK CLOSURE/ABANDONMENT APPLICATION

Application for closure or abandonment of Underground Storage Tanks. Applicant may submit a copy of the removal plans. All fees are NON REFUNDABLE and payable when the plans are submitted with this application.

90-371
PLAN CHECK NUMBER

NAME OF FACILITY	ADDRESS OF FACILITY	(CITY)	PHONE NUMBER
Mt. View Country Club	2121 Mountain View Drive	Corona	(714) 737-9798
NAME OF OWNER	**ADDRESS OF OWNER**		**PHONE NUMBER**
Mt. View Country Club	2121 Mountain View Drive	Corona	(714) 737-9798
NAME OF OPERATOR	**ADDRESS OF OPERATOR**		**PHONE NUMBER**
Mt. View Country Club	2121 Mountain View Drive	Corona	(714) 737-9798
NAME OF CONTRACTOR/CONTACT PERSON	**ADDRESS OF CONTRACTOR**		**PHONE NUMBER**
Environmental Investigation & Action, Inc.	1900 S. Proforma Ave, Unit A, Ontario, CA 91761		(714) 923-4355
CONTRACTORS LICENSE TYPE & NUMBER			
A-General Engineering Contractor 584846			

ANSWER THE FOLLOWING QUESTIONS DESCRIBING THE TANKS TO BE CLOSED OR ABANDONED. IF YOU HAVE MORE THAN FOUR (4) TANKS, PROVIDE INFORMATION ON ADDITIONAL APPLICATION FORM.

	TANK 1	TANK 2	TANK 3	TANK 4
SINGLE/DOUBLE WALL TANK	Single			
TANK IN USE (YES/NO)	No			
IS TANK SUSPECTED OF LEAKING (YES/NO)	No			
AGE OF TANK (YEARS)	Mid 60's			
CONSTRUCTION MATERIAL OF TANK(S)	Steel			
HAZARDOUS SUBSTANCE STORAGE HISTORY	Diesel			

Check the method of closure to be performed:

REMOVAL (√)

ABANDONMENT ( )

TEMPORARY CLOSURE ( )

DATES FOR WHICH THE TANKS ARE TO BE TEMPORARILY CLOSED (IF APPLICABLE).

NAME OF PERSON TO CONTACT IN AN EMERGENCY	24 HOUR EMERGENCY PHONE NUMBER
Jim Horne	(714) 923-4355 (714) 276-3354

APPLICANT NAME	APPLICANT SIGNATURE	DATE OF APPLICATION
John S. Maier	John S. Maier	10/22/90

PLEASE MAKE YOUR CHECK PAYABLE TO THE COUNTY OF RIVERSIDE

CLOSURE/ABANDONMENT FEE

FIRST TANK------$200.00

EACH ADDITIONAL TANK ---------- $ 60.00

AMOUNT ATTACHED $ 200 .00

TRANSACTION NO. _____

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 988-8000

No. 35615

TANK DISPOSAL FORM

Date: 10-25, 19 90
Job #
P. O. #

CONTRACTOR: E. I. A. 91761
ADDRESS: 1900 S. Proforma Ave. Unit A Ontario CA
JOB SITE: Mountain View C.C.
ADDRESS: 2121 Mountain View Corona Calif
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC. NO.

SPECIAL INSTRUCTIONS: _____

TIME IN:
TIME OUT:

✓	Services Rendered	Cost
___	Disposal Fee	200.00
___	Extensive Loading Time	150.00
___	Disposal Fee with Permit	300.00
___	Fiberglass Tank Disposal Fee Per Tank	400.00
___	Fiberglass Tank Delivered	200.00
___	Bobtail Disposal Fee	250.00
___	~~Cancellation Fee~~ Del	~~250.00~~
	TOTAL CHARGES $	0

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

_____
CONTRACTOR'S SIGNATURE

TANKS RECEIVED

QTY	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
	280	☐	☐	.14	
	500	☐	☐	.21	
	550	☐	☐	.24	
1	1000 - 12 ft.	☐	☑	.44	144
	1000 - 6 ft.	☐	☐	.61	
	1500	☐	☐	.87	
	2000	☐	☐	.97	
	2500	☐	☐	1.14	
	3000	☐	☐	1.32	
	4000	☐	☐	1.64	
	5000	☐	☐	2.42	
	6000	☐	☐	2.64	
	7500	☐	☐	3.26	
	8000	☐	☐	3.44	
	9000	☐	☐	3.82	
	10000	☐	☐	4.33	
	12000	☐	☐	4.93	

NO. OF TANKS: 1 TOTAL NET TONS: .44

*F — FIBERGLASS *S — STEEL 105

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

A. Cuevas
AUTHORIZED REP.

10-25-90
DATE

CONTRACTOR COPY

ENVIRONM. AL INVESTIGATION
AND ACTION INC.

STATUS REPORT
February 6, 1991

Mountain View Country Club
2121 Mountain View Drive
Corona, California 91720
Project # 13015

BACKGROUND:

The subject property being Mountain View Country Club had one 1,000 gallon unleaded fuel tank that was removed on October 26, 1990 by Environmental Investigation and Action Inc. (EIA) in the presence of Brad Nicholette of the Riverside County Environmental Health Department. Soil samples taken at the time of removal showed elevated levels of hydrocarbon contamination that were in excess of Department of Health Services action levels (see attachment 1).

On January 31, 1991 a total of 45 tons of contaminated soil was removed from the bottom of the excavation and transported on a hazardous waste manifest to Envirosafe Services of Idaho (#90141682 through #90141685).

RECOMMENDATIONS:

EIA recommends that additional sampling be done in several areas of excavation to determine the full vertical and lateral extent of contamination before additional remediation is done. Once sample results are obtained and a delineation of plume has been determined then additional remediation may be necessary.

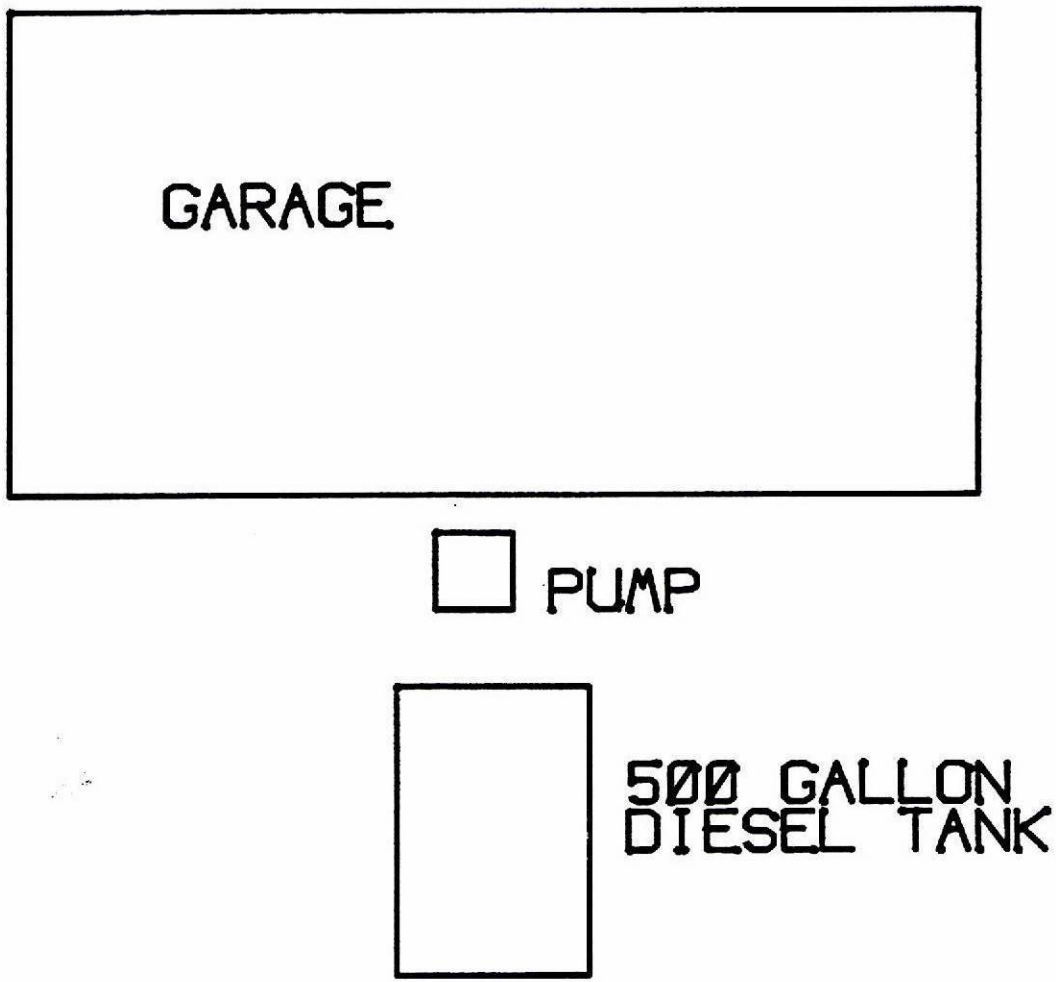
After all contaminated soil has been removed then the presence of the Riverside County Health Department will be requested for final soil sampling. At the closing of this project a closing report prepared by the Smith-Emery company will be supplied to the Riverside County Health Department.

Dave Littlefield, Marketing Director

DL:le
attachments

MOUNTAIN VIEW COUNTRY CLUB

2121 MOUNTAIN VIEW DR. CORONA CA



State of California—Health and Welfare Agency
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See Instructions on Back of Page 6 and Front of Page

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAC010015318818	001 001 1		

3. Generator's Name and Mailing Address
Mountain View Country Club
2121 Mountain View Drive
Corona, CA 91720
4. Generator's Phone (714) 737-9798

A. State Manifest Document Number: 90141724
B. State Generator's ID:

5. Transporter 1 Company Name: ENVIR INVESTIGATION & ACTION INC
6. US EPA ID Number: CAD982517393
C. State Transporter's ID: 105012
D. Transporter's Phone: (714) 923-4355

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address
ENVIROSAFE SERVICES INC.
MISSILLE BASE ROAD
GRANDVIEW, IDAHO 83624
10. US EPA ID Number: IDD073114654
G. State Facility's ID:
H. Facility's Phone: (208) 384-1500

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-RCRA Hazardous Waste Solid; (NONE)	004	BLA	16150	P	State 611 / EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11A.) CONTAMINATED SOIL PCN. 2242A

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
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; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
CARLOS BRISENO	Carlos Briseno	05	03	91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
TIM BOYAJIAN	Tim Boyajian	05	06	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

90141724

DHS 8022 A (1/88)
EPA 8700—22
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To: P.O. Box 3000, Sacramento, CA 95812

...rnia—Health and Welfare Agency
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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
C A C 0 0 0 5 3 2 8 8 8	0 0 0 0 1		

3. Generator's Name and Mailing Address
Mountain View Country Club
2121 Mountain View Drive
Corona, CA 91720
4. Generator's Phone (714) 737-9798

A. State Manifest Document Number: 90141728
B. State Generator's ID:

5. Transporter 1 Company Name: ENVIR INVESTIGATION & ACTION INC
6. US EPA ID Number: C A D 9 8 2 5 1 7 3 9 3
C. State Transporter's ID: 105012
D. Transporter's Phone: (714) 923-4355

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address
ENVIROSAFE SERVICES INC.
MISSILLE BASE ROAD
GRANDVIEW, IDAHO 83624
10. US EPA ID Number: I D D 0 7 3 1 1 4 6 5 4
G. State Facility's ID:
H. Facility's Phone: (208) 384-1500

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-RCRA Hazardous Waste Solid; (NONE)	002	BA	08130 YA	P	State 611 EPA/Other NONE
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
11A.) CONTAMINATED SOIL PCN. 2242A

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information: GLOVES GOGGLES AND PROTECTIVE CLOTHING

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GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
X TAI-MAN WANG		05	03	91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
X TIM BOYAJIAN		05	06	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

90141728

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Department of Health Services
Toxic Substances Control Division
Sacramento, California

90141729

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: C A C 0 0 0 5 3 2 8 8 8 | Manifest Document No.: 0 0 0 0 2

2. Page 1 of 1

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

GENERATOR

3. Generator's Name and Mailing Address
Mountain View Country Club
2121 Mountain View Drive
Corona, CA 91720

4. Generator's Phone (714) 737-9798

A. State Manifest Document Number: 90141729

B. State Generator's ID:

5. Transporter 1 Company Name: ENVIR INVESTIGATION & ACTION INC

6. US EPA ID Number: C A D 9 8 2 5 1 7 3 9 3

C. State Transporter's ID: 105012

D. Transporter's Phone: (714) 923-4355

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address
ENVIROSAFE SERVICES INC.
MISSILLE BASE ROAD
GRANDVIEW, IDAHO 83624

10. US EPA ID Number: I D D 0 7 3 1 1 4 6 5 4

G. State Facility's ID:

H. Facility's Phone: (208) 384-1500

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-RCRA Hazardous Waste Solid; (NONE)	0104	B A	16512	P	State 611 / EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11A.) CONTAMINATED SOIL PCN. 2242A

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
GLOVES GOGGLES AND PROTECTIVE CLOTHING

16.

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Printed/Typed Name	Signature	Month	Day	Year
X TAI-NAN WANG	Tai-Nan Wang	05	03	91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
X TIM BONABIAN	T-B	05	10	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
[illegible] Valley Country Club
8121 Mountain View Drive
Corona, CA 91720
4. Generator's Phone (714) [illegible]

A. State Manifest Document Number 90141725
B. State Generator's ID

5. Transporter 1 Company Name [illegible] CONSTRUCTION & ASPHALT INC
6. US EPA ID Number
C. State Transporter's ID
D. Transporter's Phone 95012 (209) [illegible]

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
ENVIROCARE SERVICES INC.
[illegible] BASIN ROAD
GRANDVIEW, IDAHO 83624
10. US EPA ID Number
G. State Facility's ID
H. Facility's Phone (208) 384-1500

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible]	004	BA	14240	W	State 611
			[illegible]	P	EPA/Other NONE
b.					State
					EPA/Other
c.					State
					EPA/Other
d.					State
					EPA/Other

J. Additional Descriptions for Materials Listed Above
11A.) CONTAMINATED SOIL PCN. 2252A

K. Handling Codes for Wastes Listed Above
a. 03 b.
c. d.

15. Special Handling Instructions and Additional Information GLOVES GOGGLES AND PROTECTIVE CLOTHING

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Printed/Typed Name	Signature	Month	Day	Year
			14	91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
NANCY DIMARIE-DI	[illegible]		15	91

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EPA 8700—22
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90141725

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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No.

2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Lambert View Country Club
2121 Lambert View Drive
Corona, CA 91720
4. Generator's Phone (714) 737-0788

A. State Manifest Document Number: 90141726
B. State Generator's ID:
C. State Transporter's ID: 10501
D. Transporter's Phone: (714) 993-8350

5. Transporter 1 Company Name: DAVID INVESTIGATION & ACTION INC | 6. US EPA ID Number
7. Transporter 2 Company Name | 8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
ENVIROSAFE SERVICES INC.
19551 LEMLEY ROAD
GRANDVIEW, IDAHO 83624
10. US EPA ID Number
G. State Facility's ID
H. Facility's Phone: (208) 834-1900

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-RCRA Hazardous Waste Solid, (NOS)	004		1 1/4 3 0	P	State: 511 / EPA/Other: NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11A.) CONTAMINATED SOIL PCN. 22424

K. Handling Codes for Wastes Listed Above
a. D3 | b.
c. | d.

15. Special Handling Instructions and Additional Information
GLOVES GOGGLES AND PROTECTIVE CLOTHING

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Printed/Typed Name | Signature | Month Day Year: 10 14 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year: 10 16 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Nolley Maddox II | Signature | Month Day Year: 10 17 91

GENERATOR

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

90141726

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Department of Health Services
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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address 4. Generator's Phone ( )	A. State Manifest Document Number: 90141727 B. State Generator's ID
5. Transporter 1 Company Name / 6. US EPA ID Number	C. State Transporter's ID: 103421 D. Transporter's Phone
7. Transporter 2 Company Name / 8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address: UNITED STATES OF IDAHO INC. 10. US EPA ID Number	G. State Facility's ID H. Facility's Phone: (208) 384-1500

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	001	TA	49480	P	State 611 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	
11A.) CONTAMINATED SOIL PCN. 2284A	a. 03	b.
	c.	d.

15. Special Handling Instructions and Additional Information: GLOVES, GOGGLES AND PROTECTIVE CLOTHING

16.

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Printed/Typed Name	Signature	Month	Day	Year
			10	

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Collin Fillingame		05	10	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
NANCY MADARIETA	Nancy Madariet	05	10	91

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(Rev. 9-88) Previous editions are obsolete.

GREEN: HAULER RETAINS

GENERATOR

TRANSPORTER

FACIL

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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law.
CAK101010[illegible]			

3. Generator's Name and Mailing Address
Mountain View Country Club
2121 Mountain View Drive
[illegible] CA [illegible]
4. Generator's Phone (51[illegible]

A. State Manifest Document Number 90141730
B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID 105012
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID (714) 923-9[illegible]
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility's ID
LOYLD SAFE SERVICES INC. RUSSELL CAN 2000 [illegible] CA [illegible]		H. Facility's Phone (209) 384-1[illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-RCRA Hazardous Waste Solid; (RQ)	004		13/120		State EPA/Other
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
11A.) CONTAMINATED SOIL PCB. 2252A

K. Handling Codes for Wastes Listed Above
a. [illegible] b.
c. d.

15. Special Handling Instructions and Additional Information
GLOVES GOGGLES AND PROTECTIVE CLOTHING

16.

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Printed/Typed Name	Signature	Month Day Year
[illegible]	[illegible]	[illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
TIM BOYNE	[illegible]	6[illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month Day Year
MANNY [illegible]	[illegible]	6/13/[illegible]

GENERATOR

TRANSPORTER

FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

90141730

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Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAD982517393			

3. Generator's Name and Mailing Address
Mountain View Country Club
2121 Mountain View Drive
Corona, CA 91720
4. Generator's Phone (714) 737-9798

A. State Manifest Document Number 88385249

B. State Generator's ID

5. Transporter 1 Company Name ENVIR INVESTIGATION & ACTION INC
6. US EPA ID Number CAD982517393
C. State Transporter's ID 10502
D. Transporter's Phone (714) 923-4355

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
ENVIROSAFE SERVICES INC.
MISSILLE BASE ROAD
GRANDVIEW, IDAHO 83624
10. US EPA ID Number IDD073114654
G. State Facility's ID
H. Facility's Phone (208) 384-1500

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-RCRA Hazardous Waste Solid, (NONE)	001	DA	00001	P	State 611 EPA/Other NONE
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
11A.) CONTAMINATED SOIL PCN. 2242A

K. Handling Codes for Wastes Listed Above
a. 03 b.
c. d.

15. Special Handling Instructions and Additional Information 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; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month Day Year
		03 19 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
Richard Pellicano	Richard Pellicano	03 19 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space
9. Envirosafe Services of Idaho, Inc.

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month Day Year
NANCY MADARIETA	Nancy Madariet	03 20 91

GENERATOR

TRANSPORTER

FACI

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATION

USE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

88385249

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

GREEN: HAULER RETAINS

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *(Form designed for use on elite (12-pitch typewriter).*

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAC000532838 | Manifest Document No.: 000002

2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Mountain View Country Club
2121 Mountain View Drive
Corona, CA 91720
4. Generator's Phone (714) 737-9798

A. State Manifest Document Number: 88385250
B. State Generator's ID:

5. Transporter 1 Company Name: ENVIR[illegible]TION & ACTION INC | 6. US EPA ID Number: CAD982517393
C. State Transporter's ID:
D. Transporter's Phone: (714) 923-4555

7. Transporter 2 Company Name | 8. US EPA ID Number
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address
ENVIROSAFE SERVICES INC.
MISSILLE BASE ROAD
GRANDVIEW, IDAHO 83624
10. US EPA ID Number: IDD073111465
G. State Facility's ID:
H. Facility's Phone: (208) 384-1500

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-RCRA Hazardous Waste Solid; (NONE)	1	B A	1	P	State 111 EPA/Other
b.					State NONE EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
11A.) CONTAMINATED SOIL PCN. 2282A

K. Handling Codes for Wastes Listed Above
a. | b.
c. D3 | d.

15. Special Handling Instructions and Additional Information
GLOVES GOOGLES 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.

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Printed/Typed Name | Signature | Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space
9. Envirosafe Services Boise, Ohio.

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: NANCY MADARIEN | Signature: Nancy Madarien | Month Day Year: 10 23 91

Do Not Write Below This Line

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

GREEN: HAULER RETAINS

88385250

GENERATOR

TRANSPORTER

FACIL

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIO[illegible]
[illegible]NSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-755

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *(Form designed for use on elite (12-pitch typewriter).*

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address	A. State Manifest Document Number: 90030158
4. Generator's Phone ( )	B. State Generator's ID
5. Transporter 1 Company Name / 6. US EPA ID Number	C. State Transporter's ID / D. Transporter's Phone
7. Transporter 2 Company Name / 8. US EPA ID Number	E. State Transporter's ID / F. Transporter's Phone
9. Designated Facility Name and Site Address / 10. US EPA ID Number	G. State Facility's ID / H. Facility's Phone (408) 941-1200

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.					State / 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
	a. D3 / b.
	c. / d.

15. Special Handling Instructions and Additional Information

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; **OR**, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Collin Fillmore		03	12	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
No discrepancy shipping data omitted 3-12-91
Notified Lou Fittipaldi 3-14-91 @ 5:30

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Dale Cameron		03	14	91

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATION NSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

90030158

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

GREEN: HAULER RETAINS

"ENVIRONMENTAL TESTING"

CA DOHS Certification #1224

June 3, 1991

Client P.O.# N/A

Client Job# 075

Client:
EIA
1032 W. Brooks
Ontario, CA 91762

Project:
Mountain View Country Club

Date sampled: 05/24/91
Date submitted: 05/24/91
Date analyzed: 06/03/91

Sample: Soil

Method of Extraction: Purge and Trap - EPA Method 5030

Method of Analysis: EPA Method 8015 - Total Petroleum Hydrocarbons - Gasoline

Lab#	Field#	Conc. (mg/kg)	Detection Limit (mg/kg)
91-375-S	RC-2E	ND	10
91-376-S	RC-2W	ND	10

AMERICAN ENVIRONMENTAL LABORATORIES

Cyrus D. Namini
Laboratory Coordinator/President

CDN:dcr/A91-1566

• 1071 N. Batavia St.
Orange, CA 92667
714/282-5640
800/464-AEL1
FAX: 714/282-5644

AMERICAN ENVIRONMENTAL LABORATORIES
1071 N. BATAVIA ST.
ORANGE, CA 92667
714/282-5640 • 1-800-464-AEL-1
FAX: 714/282-5644

CHAIN OF CUSTODY RECORD

CONTACT PERSON/PROJECT NAME: Dave Littleford, Mountain View CC
CLIENT'S NAME AND ADDRESS: Environmental Investigation & Action
SAMPLERS (SIGNATURE):

LAB NUMBER	FIELD NUMBER	DATE	TIME	TYPE OF SAMPLING	DESCRIPTION	NUMBER OF CONTAINERS	ANALYSES REQUIRED: 8015 (Gas)	ANALYSES REQUIRED: 8020	REMARKS
91-375-S	RC-2E	5/24	2:50	Grab	Soil	1	X	X	
91-376-S	RC-2W	5/24	2:45	Grab	Soil	1	X	X	

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)
[signature]	5/24/91	5:00 pm	[signature]
[signature]	5/24/91	6:30	[signature]

SAMPLE(S) CONDITION (PLEASE CHECK): [X] CHILLED [ ] SEALED

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)

CONTAINER IN GOOD CONDITION? yes

pace INCORPORATED
THE ASSURANCE OF QUALITY

REPORT OF LABORATORY ANALYSIS

Environmental Investigation & Action
1032 Brooks Street
Ontario, CA 91762

April 12, 1991
PACE Project Number: 710404506

Attn: Mr. Dave Littlefield

Mountain View Club

PACE Sample Number:			75 0008360	75 0008378	75 0008386
Date Collected:			04/04/91	04/04/91	04/04/91
Date Received:			04/04/91	04/04/91	04/04/91
Parameter	Units	MDL	West #1	West #2	East #1
ORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Petroleum Hydrocarbons	mg/kg	10	269	ND	ND
TPH/GAS BY EPA METHOD 8015 MODIFIED					
Date Analyzed			04/04/91	04/04/91	04/04/91
Gasoline	mg/kg	100	437	-	-
Gasoline	mg/kg	2.0	-	ND	3.5

PACE Sample Number:			75 0008394	75 0008408
Date Collected:			04/04/91	04/04/91
Date Received:			04/04/91	04/04/91
Parameter	Units	MDL	South #1	North #1
ORGANIC ANALYSIS				
INDIVIDUAL PARAMETERS				
Total Petroleum Hydrocarbons	mg/kg	10	ND	ND
TPH/GAS BY EPA METHOD 8015 MODIFIED				
Date Analyzed			04/04/91	04/04/91
Gasoline	mg/kg	2.0	ND	ND

MDL Method Detection Limit
ND Not detected at or above the MDL.

The data contained in this report were obtained using EPA or other approved methodologies. All analyses were performed by me or under my supervision.

Wasfi Y. Attalla, Ph.D.
Laboratory Director

30 Hughes Street
Alton Business Park Suite 206
Irvine, CA 92718
TEL: 714-380-9559
FAX: 714-380-9832

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REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL RECOVERIES
TPH

PROJECT #	: 710404.506	CLIENT NAME	: E.I.A.
SAMPLE #	: 00737	BATCH #	: 134
INSTRUMENT ID #	: HP 5890-A	MATRIX	: Soil
ANALYST	: N. Abadeer	Q.C. DATE	: 04/04/91

COMPOUNDS NAME	METHOD BLANK	SPIKE CONC.	SAMPLE CONC.	%SPIKE RECOV.	%S.DUP RECOV.	DEV.
GASOLINE	ND	400.0	ND	101%	94%	7%

SUPERVISOR SIGNATURE: [signature] DATE: 4/12/91

30 Hughes Street
Alton Business Park Suite 206
Irvine, CA 92718
TEL: 714-380-9559
FAX: 714-380-9832

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REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL RECOVERIES
TOTAL PETROLEUM HYDROCARBONS
METHOD 418.1

PROJECT # : 410404.506
SAMPLE # : 75 00839.4
ANALYST : V. Williams
CLIENT NAME : E.I.A.
MATRIX : Soil
Q.C. DATE : 04/08/91

COMPOUNDS NAME	METHOD BLANK	%SPIKE RECOV.	%S.DUP RECOV.	DEV.
TPH	ND	100%	108%	7%

SUPERVISOR SIGNATURE: [signature] DATE: 4/12/91

30 Hughes Street
Alton Business Park Suite 206
Irvine, CA 92718
TEL: 714-380-9559
FAX: 714-380-9832

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CHAIN OF CUSTODY

CLIENT Environmental Investigation & Action Inc. JOB NUMBER

PROJECT NAME AND ADDRESS Mountain View Country Club — Corona

PROJECT MANAGER Dave Littlefield SAMPLER(S) Rick Patterson

ENVIRONMENTAL INVESTIGATION AND ACTION, INC.

ENVIRONMENTAL MANAGEMENT COMPANY
1032 BROOKS STREET • ONTARIO, CA 91762
800-765-3687 • (714) 467-4949 • FAX (714) 467-1908

SAMPLE ID	DATE	TIME	COMP/ GRAB	NUMBER OF CONTAINERS	SAMPLE DESCRIPTION	AN	
West #1	4/4/91	10:00 AM	Grab	1 836.0	Soil	8015 (Gasoline)/418.1	
West #2	"	"	Grab	1 37.8	"	"	
East #1	"	"	Grab	1 38.6	"	"	
South #1	"	"	Grab	1 39.4	"	"	
North #1	"	10:30 AM	Grab	1 40.2	"	"	

RELINQUINSHED BY	DATE/TIME	RECEIVED BY
S Rodriguez	4/4/91 10:31	4/4/91
	4/4/91 11:30	4/4/91
		4/4/91

NOTES:

pace INCORPORATED
THE ASSURANCE OF QUALITY

REPORT OF LABORATORY ANALYSIS

PURGEABLE FUELS
By EPA Method 8015 Modified

DATE ANALYZED	: 03/21/91	CLIENT NAME	: E.I.A.
DATE RECEIVED	: 03/21/91	ADDRESS	: 1900 S. Proforma Ave., #A Ontario, CA 91761
PACE PROJECT #	: 710321.503		
MATRIX	: Soil	TELEPHONE	: (714) 767-4949
PROJECT NAME	: Mountain View Country Club	ATTENTION	: Richard Pellicano

PACE SAMPLE NUMBER	# 00636	# 00637		MDL
CLIENT SAMPLE NUMBER	# 1 24 ft.	# 2 23.6 ft.		mg/kg
FUELS/GASOLINE	27.90	34.46		2.00
FB (SS)	84%	86%		
DILUTION FACTOR	1	1		

MDL: Method Detection Limit
ND: Not detected at or above the MDL
SS: Spike Surrogate

The data contained in this report were obtained using EPA or other approved methodologies. All analyses were performed by me or under my direct supervision.

DATA REVIEWED BY

WASFI Y. ATTALLA, Ph.D.
Regional Director, So. Ontario, CA 91761

pace INCORPORATED
THE ASSURANCE OF QUALITY

REPORT OF LABORATORY ANALYSIS

TOTAL PETROLEUM HYDROCARBONS
METHOD 418.1

DATE ANALYZED : 03/21/91
DATE RECEIVED : 03/21/91
PACE PROJECT # : 710321.503
MATRIX : Soil
PROJECT NAME : Mountain View Country Club

CLIENT NAME : E.I.A.
ADDRESS : 1900 S. Proforma Ave., #A Ontario, CA 91761
TELEPHONE : (714) 767-4949
ATTENTION : Richard Pellicano

PACE SAMPLE # :	# 00636	# 00637		MDL
CLIENT SAMPLE # :	# 1 24 ft.	# 2 23.6 ft.		mg/kg
Total Petroleum Hydrocarbons	61	108		10
Dilution Factor	1	1		

MDL: Method Detection Limit
ND: Not detected at or above the MDL

The data contained in this report were obtained using EPA or other approved methodologies. All analyses were performed by me or under my direct supervision.

DATA REVIEWED BY

WASFI Y. ATTALLA, Ph.D.
Regional Director, So. Ontario, CA 91761

pace INCORPORATED
THE ASSURANCE OF QUALITY

REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL RECOVERIES
TPH

PROJECT #	: 710321.503	CLIENT NAME	: E.I.A.
SAMPLE #	: 00601	BATCH #	: 127
INSTRUMENT ID #	: HP 5890-A	MATRIX	: Soil
ANALYST	: N. Abadeer	Q.C. DATE	: 03/21/91

COMPOUNDS NAME	METHOD BLANK	SPIKE CONC.	SAMPLE CONC.	%SPIKE RECOV.	%S.DUP RECOV.	DEV.
GASOLINE	ND	12584E3	ND	104%	112%	7%

SUPERVISOR SIGNATURE: [signature] DATE: 4/5/91

30 Hughes Street
Alton Business Park Suite 206
Irvine, CA 92718
TEL: 714-380-9559

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CHAIN OF CUSTODY

ORGANIZATION	SAMPLER	ANALYSIS						
E.T.A.	Richard Pellicano							
PROJECT NO.	PROJECT NAME: Mountain View Country Club	8015, mod	418.1					REMARKS

STATION ID	DATE	TIME	MATRIX	COMP/ GRAB	# OF CONT.							
#1 24ft	3/18/91	10:30	Soil	G	1	X	X					
#2 23.6ft	3/18/91	10:40	Soil	G	1	X	X					

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME	NOTES:
[signature]	3:30 3/21/91	W. Hatch	3/21/91 3:30 PM	Rm Temp

BACTERIOLOGY
WATER TESTING
HAZARDOUS WASTE TESTING
CALIF. DHS CERTIFIED

LABORATORIES
3215 CHICAGO AVENUE, RIVERSIDE

E.S. BABCOCK & SONS, INC.
ESTABLISHED 1906

714/684-1881
FAX 714/684-9738

P.O. BOX 432
RIVERSIDE, CA 92502

12/18/90

To: Env. Investigation & Action
1900 S.Proforma Ave., Unit A
Ontario, CA 91761
Attn: Dave Littlefield

Lab No.	901129-148
Invoice No.	66191

Sample Marked:
Mountain View
Country Club
Soil @ 6 ft.

Submitted	Sampled
T.B. 11/29/90 12:45	

Chain of Custody on file: Y

Parameter Name	Results	Parameter Name	Results
CA LUFT Procedure		EPA 8020/Volatile Aromatics	
Total Volatile Petroleum		·Benzene	ND µg/kg
Hydrocarbons (Gasoline)*	500 mg/kg	·Toluene	ND µg/kg
Practical Quantitation Limit	10 mg/kg	·Ethyl Benzene	1500 µg/kg
* Often called "8015"		·Xylenes (total)	33000 µg/kg
		Practical Quantitation Limit	5 µg/kg

ND = None Detected at PQL.

Date analysis completed: 12/11/90

Notes:

cc:

Edward S. Babcock & Sons, Inc.

Allison Mackey

Edward S. Babcock & Sons, Inc
3215 Chicago Avenue
Riverside, CA 92507

(714) 684-1881

CHAIN OF CUSTODY RECORD

ENVIERMENTAL Investigation & Actem

Lab #s: 901129-148 Invoice No. 16191

Project No.	Project Name / Location
	mountain view country club

Samplers: (signature)

Description	Sampled Date	Sampled Time	Determination Requested: 8015 (gas)	Determination Requested: 8020	Number of Containers	Condition of Sample: Sealed	Condition of Sample: Chilled	Condition of Sample: Preserved	Remarks
Soil At 6 Ft.			X	X	1	N	N		

Relinquished By:	Date/Time	Received By:	Relinquished By:	Date/Time	Received By:
Jim Bygg	11/29/90 12:45				
Relinquished By:	**Date/Time**	**Received By:**	**Received For Lab By:**	**Date / Time**	
			C. Ayine	11/29/90 1245	

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5427 East La Palma Avenue • Anaheim, California 92807 • (714) 693-1026 • Fax: (714) 693-1034

ENVIRONMENTAL INVESTIGATION & ACTION INC. FILE# 71360
19000 SO. PROFORMA AVE #A
ONTARIO, CA. 91761

11/02/90

Attn: RICHARD STALEY
800/765/3687

MOUNTAIN VIEW COUNTRY CLUB

Sample #: 0299164901 Collector: Client
Received: 10/26/90 Sampling Date & Time: 10/26/90, 1445
Type: SOIL Method: GRAB

I.D.: SOIL AT 2 FEET

=========CONSTITUENT==========	====METHOD=====	==RESULT==	===UNIT===
TOTAL PETROLEUM HYDROCARBONS	EPA 418.1	ND <5.0	MG/KG
EPA 8015		*	
GASOLINE	EPA 8015	9.2	MG/KG

Sample #: 0299164902 Collector: Client
Received: 10/26/90 Sampling Date & Time: 10/26/90, 1455
Type: SOIL Method: GRAB

I.D.: SOIL AT 6 FEET

TOTAL PETROLEUM HYDROCARBONS	EPA 418.1	430	MG/KG
EPA 8015		*	
GASOLINE	EPA 8015	10,000	MG/KG

Respectfully submitted,

Shahid Noori

Shahid Noori, Manager Chemical Lab

[ND = None Detected; (G) = Grab; MDL = Minimum Detection Limit]

02991649

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FILE NO.: 71360
LABORATORY NO.: 029916490

CHAIN OF CUSTODY RECORD

Client name: Mountain View Country Club
Job number:
Project name:
Project manager: Richard Staley
Sampler(s): Richard Staley

Sample number	Date sampled	Time sampled	Type Composite or Grab	Sample description	Number of containers	Analyses required: 418.1	Analyses required: 8015 modified	Analyses required	Analyses required	Analyses required	Analyses required	Analyses required	Remarks
Mountain View 1	10/25	2:45	G	Soil	1	X	X						
Mountain View 2	Same	2:55	Same	Same	1	X	X						
Dup													

	Signature	Company	Date	Time
Relinquished by	[signature]	EIA	10-24-90	1:00
Received by	Carol Wilkes	Smith-Emery Co	10-26-90	1:00
Relinquished by				
Received by				
Relinquished by				
Received by				

RECEIVED
JUL 31 1991
RIVERSIDE CO.
HEALTH DEPT.
Environmental Health
HAZARDOUS MATERIALS

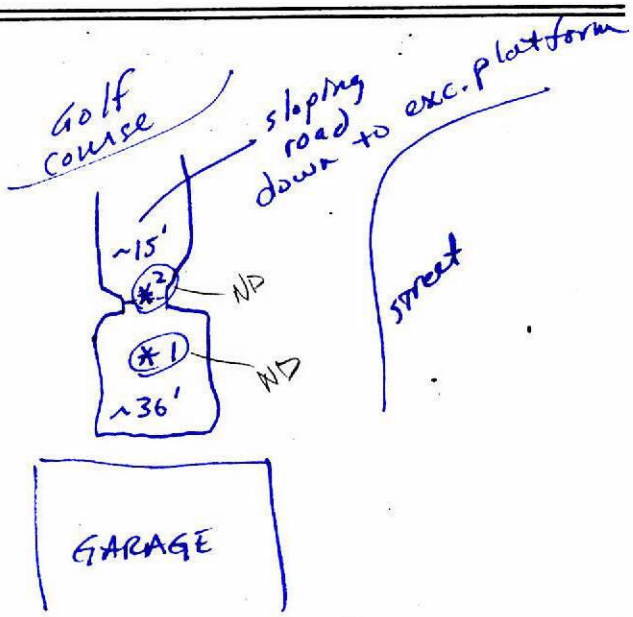
COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH SERVICES DIVISION
HAZARDOUS MATERIALS BRANCH

FIELD LOG

Date 5-24-91

FACILITY Mt. View C.C.
ADDRESS 2121 Mt. View Dr
CONTACT PERSON
HEALTH PERSONNEL S. Boltinghouse
PLAN CHECK NUMBER 91-109
CITY Corona
TELEPHONE
FIRE PERSONNEL None

2:03 Arrive on-site
Dave Littlefield on-site ready to sample.
Hole is significantly deeper than it was last visit. Dave has expanded hole to the west (northwest) toward the Golf Course
Hole is 36' deep & very narrow, with an access road cut down to allow deeper digging



2 samples taken in bottom of excavation.

W.11 run 8015M or 418.1, whichever one was picking up the most contamination AND 8020.

Leave site 3:05

COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH SERVICES DIVISION
HAZARDOUS MATERIALS BRANCH

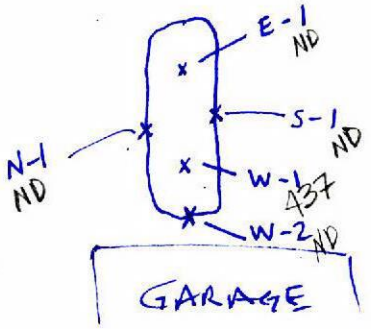
FIELD LOG

Date 4-4-91

FACILITY Mountain View Country Club
PLAN CHECK NUMBER 91-109
ADDRESS 2121 Mtn. View Dr.
CITY CORONA
CONTACT PERSON
TELEPHONE
HEALTH PERSONNEL S. Boltinghouse.
FIRE PERSONNEL NONE

FORD 45465

9:05 Arrive on-site Dave Littlefield & assistant getting ready for soil sampling. 5 soil samples taken using drive hammer. 2 in bottom: E-1, W-1 and 3 sides: W-2, N-1, & S-1.



Samples will be taken to PACE laboratories to run 8015 M & 418.1

FORD 45477

10:50 Leave site.

* Sampling techniques were good, no problems w/ methodology.

office Ford. 45498

COUNTY OF RIVERSIDE
DEPARTMENT OF HEALTH

E.J. GALLAGHER, M.D., M.P.H., M.A.
DIRECTOR OF HEALTH

Phone:

4065 COUNTY CIRCLE DR. RIVERSIDE, CA. 92503
(Mailing Address-P.O. Box 7600 Riverside, CA. 92513-7600)
FAX (714) 358-4529

March 19, 1991

Dave Littlefield
Environmental Investigation and Action
1032 Brooks St.
Ontario, CA 91762

RE: Soil Sampling Protocol

Dear Mr. Littlefield:

After observing the soil sampling which took place at Mountain View Country Club in Corona on Monday, March 18, 1991, this office asks that your company re-evaluate its soil sampling protocol. The crew which were on-site at the Country Club used very contaminated leather gloves, they had no decontamination equipment to clean the equipment between samples, they used a hand auger to remove the soil, and they had no ice in the ice chest inwhich the samples were placed.

Our office feels that a hand auger is not appropriate for use in the collection of soil samples because there is no way to get an undisturbed sample of the soil. We suggest that the samples be collected at the time of excavation from the backhoe bucket, or taken using a drive sampler which retains undisturbed soil samples in stainless steel or brass sleeves. If sleeves are utilized, the soil does not need to be transferred into other containers, but the ends of the sleeves should be covered with Teflon sheeting or aluminum foil, capped with plastic slip covers, labelled, and wrapped with tape. The soil samples shall be placed **immediately** in a chilled ice chest which contains a sufficient amount of ice to chill the samples until they arrive at the laboratory.

I feel I was most accommodating for your company's lack of preparedness at the Country Club, but I would like to express that I will not have this attitude in the future. If you have any questions, please do not hesitate to call me at (714) 358-5055.

Sincerely,

Sharon Boltinghouse
Sharon Boltinghouse
Hazardous Materials Specialist

cc: Brian Farkas (Mountain View Country Club) March 20, 1991

CINDRA ROWELL, B.S.N., M.B.A.
DEPUTY DIRECTOR OF HEALTH
PERSONAL HEALTH SERVICES

JOHN FANNING, R.E.H.S., M.P.A.
DEPUTY DIRECTOR OF HEALTH
ENVIRONMENTAL HEALTH SERVICES

R.L. NEIL, M.D., M.P.H.
ASST. DIRECTOR OF HEALTH

H.C. HOLK, D.V.M., M.P.H.
DEPUTY DIRECTOR OF HEALTH
SPECIAL SERVICES

E.R. COYNE, M.S.
DEPUTY DIRECTOR OF HEALTH
SUPORT SERVICES

HEALTH CENTERS

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COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH SERVICES DIVISION
HAZARDOUS MATERIALS BRANCH

Page ___ of ___

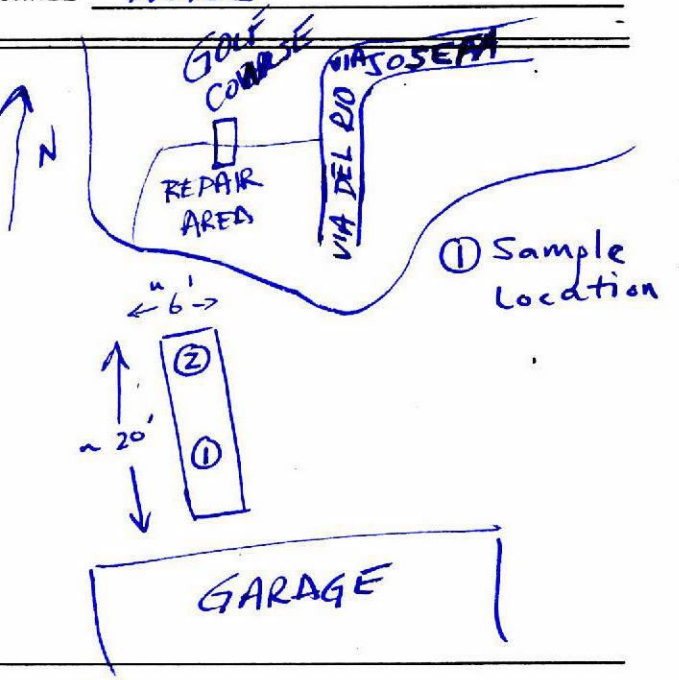
FIELD LOG

Date 3-18-91

FACILITY Mountain View C.C.
PLAN CHECK NUMBER
ADDRESS
CITY
CONTACT PERSON EIA -
TELEPHONE
HEALTH PERSONNEL S. Boltinghouse
FIRE PERSONNEL None

10:05 on-site Rich from EIA & Darren from EIA on-site. Taking soil samples from hand auger bucket & transferring into glass jar.

Sample #2 23.6' BGS
Sample #1 24.0' BGS



Samples will be analyzed for TPH using 418.1 and 8015 Mod. (should be taken to SMith Emery according to Rich.)

11:00 leave site

Note: I did mention to Rick that I will be talking to Dave Littlefield about poor sampling techniques - and advise that they use drive sampler in the future if they want me to accept soil sample results.

COUNTY OF RIVERSIDE
DEPARTMENT OF HEALTH

E.J. GALLAGHER, M.D., M.P.H., M.A.
DIRECTOR OF HEALTH

Phone:

4065 COUNTY CIRCLE DR. RIVERSIDE, CA. 92503
(Mailing Address-P.O. Box 7600 Riverside, CA. 92513-7600)
FAX (714) 358-4529

February 27, 1991

Case #92-109

Country Club Manager
Mountain View Country Club
2121 Mountain View Drive
Corona, CA 91720

Dear Owner/Operator:

The purpose of this letter is to inform you that The County of Riverside, Department of Health, Environmental Health Services Division, Hazardous Materials Management Branch has entered into an agreement with the State of California Water Resources Control Board to oversee the cleanup and mitigation of contaminated sites resulting from the unauthorized release of hazardous substances from underground storage tanks. The cleanup of these sites is necessary to protect the public from exposure from hazardous chemicals.

The oversight program developed by the State and administered by the County is funded by State and Federal monies and is subject to reimbursement by the responsible parties for each specific site. The County will account for time and materials expended at each cleanup site. On a routine basis, the State will be provided with the amounts detailing the time and expenses. The State will then invoice the responsible party for all direct and indirect cost associated with the cleanup of the site.

Enclosed you will find the Notice of Reimbursement. This is the formal notification concerning the reimbursement requirements for the responsible questions, contact this office as soon as possible at (714) 358-5055.

Sincerely,

Sharon Boltinghouse

Sharon Boltinghouse
Hazardous Materials Specialist

SB:cjm

CINDRA ROWELL, B.S.N., M.B.A.
DEPUTY DIRECTOR OF HEALTH
PERSONAL HEALTH SERVICES

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ATTACHMENT "FOUR B" TO
EXHIBIT "B" TO
WATER RESOURCES CONTROL BOARD
STANDARD AGREEMENT NO. 8-115-550-2

County of Riverside
Department of Health

State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program

Notice of Reimbursement

Site Code 92-109

Date First Reported 10/25/90

Site Name Mountain View Country Club

Substance 12036

Address 2121 Mountain View Drive

Petroleum (X)Yes ( )No

City/State/Zip Corona, CA 91720

The following information has been provided to:

Responsible Party Contact Person Manager of Mountain View Country Club

Responsible Party Contact Company Mountain View Country Club

Address 2121 Mountain View Drive

City/State/Zip Corona, CA 91720

Whereas the federal Petroleum Leaking Underground Storage Tank Trust Fund provides funding to pay the local and state agency administrative and oversight costs associated with the cleanup of releases from underground storage tanks; and Whereas the Legislature has authorized funds to pay the local and state agency administrative and oversight costs associated with the cleanup of releases from underground storage tanks; and Whereas the direct and indirect costs of overseeing removal or remedial action at the above site are funded, in whole or in part, from the federal Trust Fund; and Whereas the above individual(s) or entity(ies) have been identified as the party or parties responsible for investigation and cleanup of the above site; YOU ARE HEREBY NOTIFIED that pursuant to Title 42 of the United States Code, Section 6991b(h)(6) and Section 25360 of the Health and Safety Code, the above Responsible Party or Parties shall reimburse the State Water Resources Control Board not more than 150 percent of the total amount of site specific oversight costs actually incurred while overseeing the cleanup of the above underground storage tank site, and the above Responsible Party or Parties shall make full payment of such costs within 30 days of receipt of a detailed invoice from the State Water Resources Control Board.

Contract Project Director:

Linda Bancheck

Signature

(714) 358-5055
Telephone Number

Date 2-27-91

STANDARD FORM UST03(7/90)

COUNTY OF RIVERSIDE
DEPARTMENT OF HEALTH

E.J. GALLAGHER, M.D., M.P.H., M.A.
DIRECTOR OF HEALTH

Phone:

4065 COUNTY CIRCLE DR. RIVERSIDE, CA. 92503
(Mailing Address-P.O. Box 7600 Riverside, CA. 92513-7600)
FAX (714) 358-4529

February 27, 1991

CERTIFIED MAIL
case # 92-109

Country Club Manager
Mountain View Country Club
2121 Mountain View Drive
Corona, CA 91720

Dear Owner/Operator:

It has come to the attention of this office that an unauthorized release has occurred from underground storage tanks under your control. The resulting soil and/or groundwater contamination must be handled accordingly.

You are requested to conduct a subsurface investigation of the contamination and submit these results in a technical report to this office. This report must contain, at a minimum, the following information:

1. The delineation of the vertical and lateral extent of the contamination in the soil and as the impact on groundwater.

2. The hydrogeologic characterization of the soil and unconsolidated materials underlying and adjacent to the site.

3. The technical report must be prepared by a qualified professional who is registered as a civil engineer or certified as a geologist in the State of California.

4. Prior to any work starting at the site, a work plan must be submitted and approved by this office.

CINDRA ROWELL, B.S.N., M.B.A.
DEPUTY DIRECTOR OF HEALTH
PERSONAL HEALTH SERVICES

JOHN FANNING, R.E.H.S., M.P.A.
DEPUTY DIRECTOR OF HEALTH
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5. You and your contractors(s) shall have all appropriate licenses and permits to perform this work, such as a C-57 for well drilling, County of Riverside well permits, South Coast Air Quality Management District permits, etc. Copies of these documents should be available for inspection by County personnel on request.

6. This report must be submitted to this office by March 27, 1991.

Should you have any questions concerning this matter, please contact me at (714) 358-5055.

Sincerely,

Sharon Boltinghouse

Sharon Boltinghouse
Hazardous Materials
Management Specialist

SB:cjm

cc:RWQCB

APPENDIX E

Site Photographs

F.2 - G_3SoilWorks Phase II Environmental Site Assessment

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G3SoilWorks

GEOLOGY · GEOTECH · GROUNDWATER

Phase II A Environmental Assessment

The Trails, TTM37519, TTM37501
TTM37502, TTM37503 and TTM37504
Corona, California

Prepared For:

Blue River Development
48900 Milmont Dr.
Fremont, CA 94538

By:
G3SoilWorks, Inc.
Project No. 1-4002-B

May 10, 2019

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Phase II A Environmental Assessment
The Trails, TTM37519, TTM37501
TTM37502, TTM37503 and TTM37504
Corona, California

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Appendix A – Laboratory Analytical Report
Appendix B – RECDEH-ECP Correction Sheet

1.0 INTRODUCTION

Oxbow Partners, a subsidiary of Blue River Development is proposing to use Fifty two (52) acres of the Mountain View Country Club, 2121 Mountain View drive (Site) for residential use as part of the proposed Trails Residential Development. This report has been prepared to address the past use of this Site relative to the Recognized Environmental Concerns (RECs) chlorinated pesticides (8081A), organic phosphorus pesticides (8141A), and herbicides (8151A). The analytical laboratory testing of samples in this study was performed by a State licensed facility. The Laboratory Report is attached as Appendix A.

1.1 Background

On November 30, 2015, G3 completed a preliminary Phase I ESA for the 52 acre site being proposed for residential use. The Phase I ESA report identified the former location of one 250-gallon diesel and one 500-gallon gasoline above ground storage tanks (ASTs). No documentation on the permitting, installation, inspection, removal, disposal, or any regulatory agency compliance status of the ASTs was available. Therefore, the recommendation was made to complete a Phase II ESA in the immediate vicinity of the ASTs.

On February 3, 2016, the Phase II ESA for the Site was completed at the request of the client, Mr. Thomas Grabiel, in response to the recommendations made in the preliminary Phase I ESA. This Phase II assessment investigated the two ASTs of concern. The findings of this Phase II ESA concluded the two ASTs of concern did not produce any environmental impact to the Site.

In response to the completion of the Phase I and Phase II ESAs prepared by G3, a correction was sheet was issued stating the RECDEH-ECP required an additional Phase II ESA be completed to sample for historical pesticide and herbicide use at the golf course fairway greens, drainage basins, and irrigation ponds in within the limits of the proposed 52 acre residential development. This correction sheet is included in Appendix B.

1.2 Objective

The objective of this Phase II ESA is to sample the site for the possible presence of herbicides, organic phosphorus pesticides, and chlorinated pesticides in response to the correction sheet requests issued by the attached RECDH-ECP.

1.2 Scope of Work / Authorization

On April 10, 2019 G3 was authorized to perform a second Phase II ESA for the proposed Trails Residential Development located at 2121 Mountain View drive (former site of the Mountain View Country Club and Golf Course) by. The scope of work for this Phase II ESA was prepared and authorized based on the correction sheet in which the RECDEH-ECP required a Phase II ESA be performed that evaluates for historical pesticide and herbicide use at the golf course fairway greens, drainage basins, and irrigation ponds within the limits of the proposed 52 acre residential development.

The scope of work for this secondary Phase II ESA included the sampling of representative soils, the proper containment and transport to a certified laboratory to test for the following:

- Chlorinated pesticides 8081
- Organic phosphorus pesticides 8141
- Herbicides 8151

2.0 Physical Setting

The Site is total of approximately 52 acres of an undeveloped property are located at 2121 Mountainview Drive in the western portion of the city of Corona, California. The 52 acres is comprised of abandoned golf course greens, fairways, and clubhouse as part of the former Mountain View Country Club. The abandoned clubhouse had burned down and was subsequently demolished, leaving only the concrete pad. A corrugated storage shed used for golf cart storage and maintenance still exists next to the club house pad. Other features include low spots from surface drainage flows and an irrigation pond.

2.1 Geography

The greens, fairways, and clubhouse of the former Mountain View Country Club are located at 2121 Mountainview Drive (Site) in the western portion of the city of Corona, California. The Site is situated on the order of 640 feet above mean sea level (MSL) on the northeastern flank of the Santa Ana Mountains, east adjacent the Prado Gap and northwest adjacent the northern Corona-Temescal Valley exit. The terrain of the Site gently slopes northward with minor undulation and is generally bound on the north by the CA 91 freeway and Santa Ana River. A Site Location Map is included as Figure 1.

2.2 Geology / Hydrology

The Site is located in the transition between alluvial-fan deposits emanating from the northeastern flanks of the Santa Ana Mountains and the northwestern end of the Corona-Temescal Valley and the axial channel deposits placed by the Santa Ana River. The Site is east of the Prado Gap, a gap created by the Santa Ana River which separates the northern Santa Ana Mountains from the Chino Hills. The Santa Ana Mountains, Coronoa-Temescal Valley, and Chino Hills are part of the Peninsular Ranges Geomorphic Province. This province is comprised of northwest-southeast trending mountain ranges and sediment-filled basins located in southwestern California.

The alluvial-fan deposits the Site is built upon are essentially a set of minor to moderate sized drainages that flow northwesterly and confluence west of the intersection of 91 and Serfas Club Drive. Due to urban development associated with construction of the CA 91 freeway and channelization of the Santa Ana River, the drainages the Site is built upon are not believed to serve as tributaries to the Santa Ana River.

Review of published geologic maps indicate the materials underlying the Site are comprised of Quaternary young axial channel deposits (Qya_a) that inter-fingers with Quaternary very old alluvial-fan deposits ($Qvof_g$). The Qya_a materials are characterized as comprising of

consolidated silt, sand, and gravel deposits and the $Qvof_g$ materials are characterized as moderately to well consolidated silt, sand, gravel, and conglomerate.

2.0 SOIL SAMPLING AND ANALYSIS

2.1 Soil Sampling.

For this investigation, the 52 acres proposed for residential development have been divided into six areas. In each of these six areas or zones, multiple soil samples were obtained and developed into one representative composite sample. The six areas / zones included five zones representing greens and fairways (designated Zone 1, Zone 2, Zone 3, Zone 4, and Zone 5 - Figure 2). The sixth area, Zone DR, considers and represents drainage areas, sumps and irrigation ponds. The sampled locations for Zone DR are shown on Figure 3.

On April 15, 2019, a representative from G3SoilWorks walked the entirety of the Site to collect samples from each of the designated zones. The zones designated Zone 1, Zone 2, Zone 3, Zone 4, and Zone 5 were each sampled in five different locations within their respective zone. The sampling locations are shown on Figure 2. The sampling was performed in accordance with appropriate guidelines and all samples were of similar volume.

The area designated Zone DR included 9 sample locations at various sumps, drainage areas, and irrigation ponds throughout the proposed 52-acre development. The 9 locations sampled are shown on Figure 3. These locations were identified based on their relatively low lying elevations and presence of active or dried drainage channels.

The excavated soils were transferred to new, clean and rinsed poly buckets – one for each sampling site. These samples were then composited in the field by thorough blending of equal quantities from each area. The resultant blended / composited sample is considered representative of the overall site conditions for each area / zone. These composited samples were immediately transferred to special clean sample jars provided by the laboratory for each area, sealed in accordance with chain of custody protocol, and then placed on ice in a cooler for delivery to the laboratory.

2.2 Transport to Laboratory

The samples were delivered to the analytical laboratory the same day of sampling. The composited soil transferred to the lab in 8oz jars were tested for organic phosphorous pesticides (8141A) and herbicides (8151A). The composited soil transferred to the lab in 4oz jars were tested for chlorinated pesticides (8081A). The jars were immediately sealed and then stored in cooler filled with ice until delivered to the lab for testing.

The Chain of Custody is included in the Laboratory Report in Appendix A.

2.3 Analytical Results

The laboratory results have been tabulated on Table 1 to include the respective six zones and have been broken into columns to include the Analyte and respective results. Also shown on this table are the shallow soil screening limits as identified by the Regional Water

Quality Control (RWQCB) Board's the EPA's regional soil screening levels. The Table 1 includes a reporting limit and minimum detection limit as identified by the laboratory. The reporting limit was exceeded in four cases (Zone 1 – Chlordane / DDE, Zone 4 – DDE and Zone DR – DDE) but the results are below the establish regulatory thresholds shown on Table 1.

The laboratory analytical results indicated several recognized chlorinated pesticides (8081A) and herbicides (8151A) were present within the limits of the site. A summary of the concentrations of these herbicides and pesticides is provided on Table 1. The following list provides a summary description and list of properties of the chlorinated pesticides and herbicides present within the Site's limits:

- DDT: An odorless, colorless crystalline chlorinated pesticide. DDT was first available for public consumption beginning in 1945 in the US. The substance was banned in 1972 due to the harmful effects it has on humans and wildlife. DDT is highly hydrophobic and nearly water insoluble and is immobile in most soils. However, it is very soluble in organic fats. The half-life of DDT is estimated to be on the order of 2-15 years in the environment. Routes of loss and degradation include runoff, volatilization, photolysis and biodegradation (aerobic and anaerobic). These processes generally occur only very slowly. Breakdown products in the soil environment are DDE and DDD, which are also highly persistent and have similar chemical and physical properties. "In the soil, DDT biodegrades to DDE under unflooded (generally aerobic) conditions and to DDD under flooded (generally anaerobic) conditions (ATSDR, 2002)."
- DDE: is a daughter product that results from the breakdown of DDT in the soil environment. DDE is white, odorless, tasteless chlorinated pesticide. DDE had no commercial use in the US. "DDE strongly adsorbs to soil particles, especially in moist soils. As a result of strong binding to soil, DDE tends to remain on the surface layer of soil with little leaching into the. lower soil layers and ground water (ATSDR, 2002). DDE is known to photodegrade and biodegrade on soil surfaces or when adsorbed to sediment (Baker and Applegate, 1970;Lichtenstein and Schultz, 1959; Miller and Zepp, 1979, all as cited in ATSDR, 2002). However, only limited data are available on degradation rates. One study found that the soil half-life of DDE ranged from 151 to 271 days in thirteen countries, while in a fourteenth country, where the soil was extremely acidic, the half-life was greater than 672 days (ATSDR, 2002) Because DDE is fairly insoluble in water (see Exhibit 5-1), it is transported in runoff water principally by adsorption to particulate matter (ATSDR, 2002). In water, DDE may photodegrade or biodegrade. When exposed to sunlight, DDE undergoes photoisomerization. Direct photolysis of DDE results in a water half-life of about 1 day in the summer and 6 days in 5-12 EPA – OGWDW Regulatory Determinations Support Document for CCL 2 June 2008 the winter (ATSDR, 2002). However, as a hydrophobic organochlorine, DDE can persist for long periods of time in aquatic sediments and in the tissue of aquatic biota (USGS, 2000). "

- DDD: is a daughter product that results from the breakdown of DDT in the soil. DDD is a white, odorless, tasteless chlorinated pesticide. DDD saw limited commercial use as a pesticide in the US and was banned in 1972.
- Chlordane (Technical): is a chlorinated pesticide that first saw commercial use in 1947. The substance was banned in 1978 by the EPA due to associate risk of cancer. The EPA considers technical chlordane to be composed of 60% octacholor-4,7-methanotetrahydroindane (the cis and trans isomers) and 40% related compounds. Chlordane is known to leave residue in human and animal fat tissues. Technical Chlordane has been found to have an environmental half-life on the order of 20 years. Chlordane has a low vapor pressure and volatilizes slowly into the air of structures built above Chlordane contaminated soil.
- Dinoseb: is an herbicide in the dinitrophenol family. Dinoseb first became commercially available in 1945 to be used for weed control on soybean, fruits, nuts, and citrus crops. Dinoseb was withdrawn from the market in 1986 due to evidence implicating it increased birth defect risks and male sterility. Dinoseb has an environmental half-life on the order of 20 to 30 days.
- 2-4-D (Glyphosate) was first registered for use in the US in 1974 and is one of the most widely used herbicides. Glyphosate is a non-selective herbicide that prevents plants from making certain proteins necessary for growth. Pure Glyphosate has been found to have low toxicity in humans and indicate it is unlikely carcinogenic. The environmental half-life of glyphosate has been found to be on the order of 78 days.
- 2,4,5-TP (Silvex): is a water soluble white acidic power that is not registered for current use in the US. In 1985 the EPA terminated all registrations for use of this herbicide.

The Analytical Laboratory Report is included in Appendix A.

2.4 Conclusions

The Phase I ESA issued by G3 identified the possible presence of RECs associated with historic use of environmentally persistent pesticides and herbicides. Based on this Phase 11A study, trace levels of DDT, DDE, DDD, Chlordane (technical), Dinoseb, and 2,4,5-TP (Silvex) have been identified within the soil matrix onsite. Glyphosate 2-4-D was also present within the soil matrix at the site. The levels identified are all below the shallow soil screening limits as identified by the Regional Water Quality Control (RWQCB) Board's the EPA's regional soil screening levels relative limits.

It is expected that these levels will continue to decline by ongoing slow natural degradation processes and be diluted / dispersed and degraded by the proposed grading activities associated with the proposed development.

Based on the findings of this study, the environmental risks associated with the target hazards evaluated are considered very low to remote and do no present meaningful or material risks related to proposed use for this site.

2.5 Recommendations

Based on the above conclusion, no further additional soil sampling or study is recommended.

3.0 CLOSURE

This report has been prepared for the sole benefit and exclusive use of the Blue River Development as it pertains to the proposed development parcels TTM37519, TTM37501, TTM37502, TTM37503, and TTM37504 located at 2121 Mountain View Drive, Corona, California. Our services have been performed in accordance with applicable state and local ordinances and generally accepted practices in the geosciences. No other warranty, either express or implied, is made.

Our work was performed with the standard of care utilized by other similar and competent professionals operating on similar projects. It is also subject to other limitations as described herein. No other warranty - expressed or implied is made. It is specifically not a warranty of fitness for any particular purpose or in place of appropriate diligence and care, nor should it be construed to imply that there is no associated risk – rather that the described risks are in the bounds explained, and properly understood, considered, and accounted for, should be generally acceptable to most people and ordinary use.

We thank you for providing us the opportunity to be of service. If you have any questions or require additional information, please do not hesitate to call the undersigned.

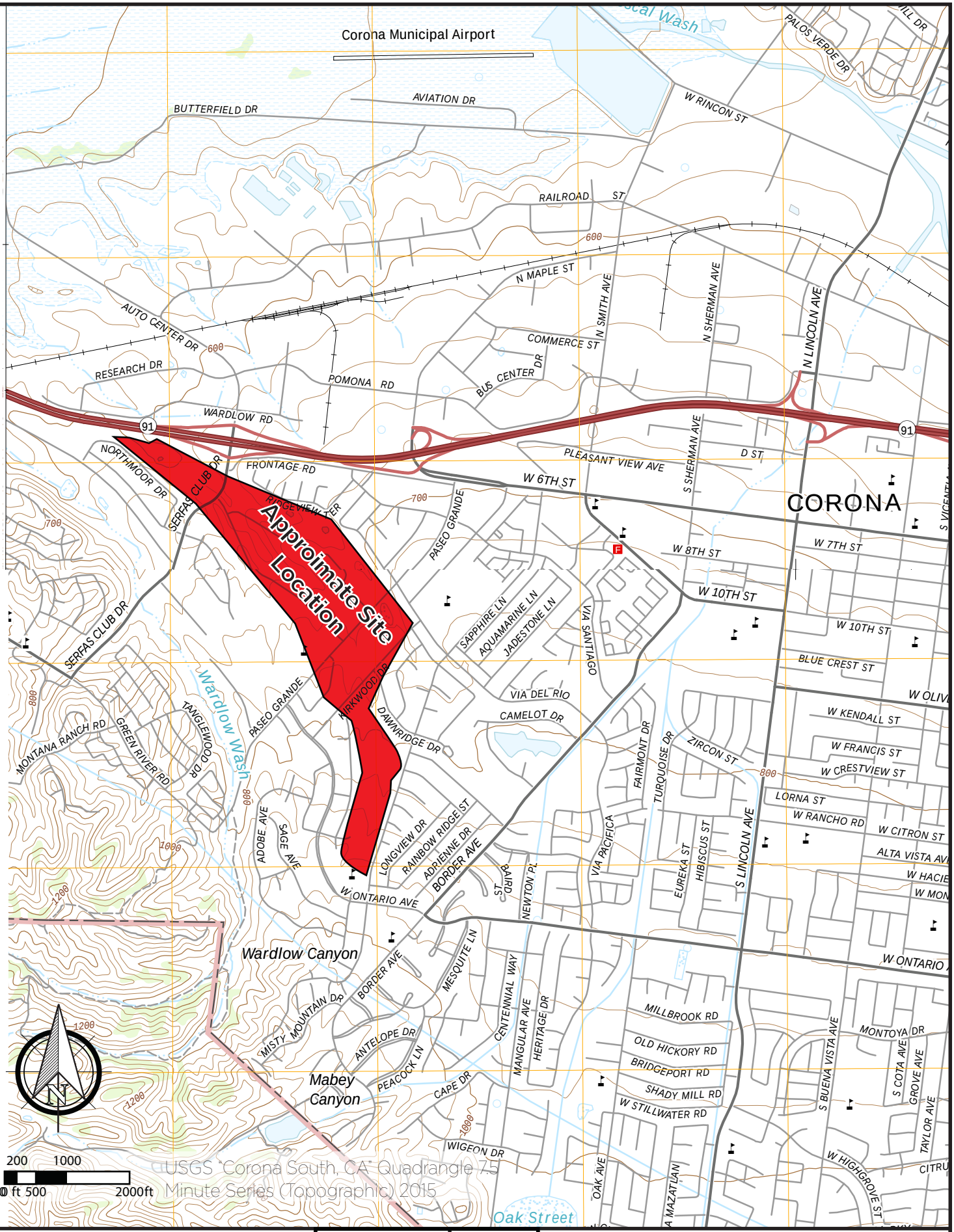
G3SoilWorks, Inc.

By: _____
Douglas Stout
Staff Geologist

By: _____
Steve Strickler, P.E.
CEO

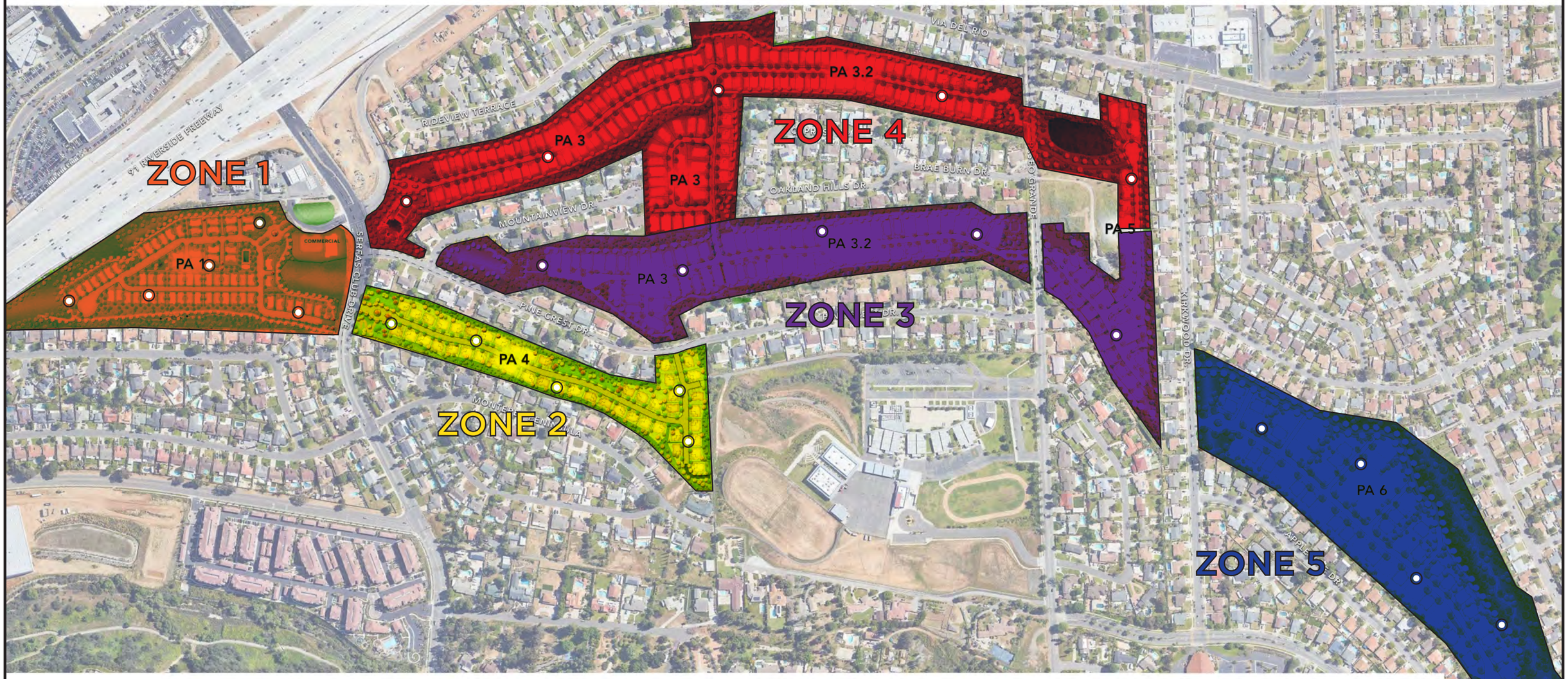


FIGURES



Site Location Map	P.N. 1-4002-B	May 2019	
Mountain View Country Club.	Cornoa, CA	Fig. 1	

G3SoilWorks
350 Fischer Ave. Front
Costa Mesa, CA 92626
Phone: (714) 668 5600
www.G3SoilWorks.com



Sampling Location

NORTH

URBAN ARENA

Sampling Locations		P.N. 1-4002-B	May 2019
Mountain View Country Club	Corona, CA		Fig. 2

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350 Fischer Ave. Front
Costa Mesa, CA 92626
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Zone DR Sampling Locations	P.N. 1-4002-B	May 2019	G3SoilWorks
Mountain View Country Club	Corona, CA	Fig. 3	

350 Fischer Ave. Front
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TABLES

Zone 1

Analyte	Result	RL	MDL	Unit	Method	RWQCB Limit (soil)*	EPA Limit (soil)**
DDD	2.4	5	1.5	ug/kg	8081A	2300ppb	1900ppb
DDE	60	5	1.5	ug/kg	8081A	1600ppb	2000ppb
DDT	2.1	5	1.5	ug/kg	8081A	1600ppb	1900ppb
Chlordane (technical)	110	50	10	ug/kg	8081A	440ppb	1700 ppb
Organic Phosphorus Pesticides	ND	N/A	N/A	N/A	8141A	N/A	N/A
Dinoseb	12	50	5.1	ug/kg	8151A	N/A	63000ppb
2-4-D	ND	100	14	ug/kg	8151A	N/A	N/A
2,4,5-TP (Silvex)	ND	10	2.3	ug/kg	8151A	N/A	510000ppb

Zone 2

Analyte	Result	RL	MDL	Unit	Method	RWQCB Limit (soil)*	EPA Limit (soil)**
DDD	ND	5	1.5	ug/kg	8081A	2300ppb	1900ppb
DDE	ND	5	1.5	ug/kg	8081A	1600ppb	2000ppb
DDT	ND	5	1.5	ug/kg	8081A	1600ppb	1900ppb
Chlordane (technical)	19	50	10	ug/kg	8081A	440ppb	1700 ppb
Organic Phosphorus Pesticides	ND	N/A	N/A	N/A	8141A	N/A	N/A
Dinoseb	10	50	5.1	ug/kg	8151A	N/A	63000ppb
2-4-D	ND	100	14	ug/kg	8151A	N/A	N/A
2,4,5-TP (Silvex)	ND	10	2.3	ug/kg	8151A	N/A	510000ppb

Zone 3

Analyte	Result	RL	MDL	Unit	Method	RWQCB Limit (soil)*	EPA Limit (soil)**
DDD	ND	5	1.5	ug/kg	8081A	2300ppb	1900ppb
DDE	2.2	5	1.5	ug/kg	8081A	1600ppb	2000ppb
DDT	ND	5	1.5	ug/kg	8081A	1600ppb	1900ppb
Chlordane (technical)	ND	50	10	ug/kg	8081A	440ppb	1700 ppb
Organic Phosphorus Pesticides	ND	N/A	N/A	N/A	8141A	N/A	N/A
Dinoseb	9	50	5.1	ug/kg	8151A	N/A	63000ppb
2-4-D	ND	100	14	ug/kg	8151A	N/A	N/A
2,4,5-TP (Silvex)	ND	10	2.3	ug/kg	8151A	N/A	510000ppb

Zone 4

Analyte	Result	RL	MDL	Unit	Method	RWQCB Limit (soil)*	EPA Limit (soil)**
DDD	ND	5	1.5	ug/kg	8081A	2300ppb	1900ppb
DDE	7	5	1.5	ug/kg	8081A	1600ppb	2000ppb
DDT	ND	5	1.5	ug/kg	8081A	1600ppb	1900ppb
Chlordane (technical)	47	50	10	ug/kg	8081A	440ppb	1700 ppb
Organic Phosphorus Pesticides	ND	N/A	N/A	N/A	8141A	N/A	N/A
Dinoseb	11	50	5.1	ug/kg	8151A	N/A	63000ppb
2-4-D	ND	100	14	ug/kg	8151A	N/A	N/A
2,4,5-TP (Silvex)	ND	10	2.3	ug/kg	8151A	N/A	510000ppb

Zone 5

Analyte	Result	RL	MDL	Unit	Method	RWQCB Limit (soil)*	EPA Limit (soil)**
DDD	ND	5	1.5	ug/kg	8081A	2300ppb	1900ppb
DDE	ND	5	1.5	ug/kg	8081A	1600ppb	2000ppb
DDT	ND	5	1.5	ug/kg	8081A	1600ppb	1900ppb
Chlordane (technical)	ND	50	10	ug/kg	8081A	440ppb	1700 ppb
Organic Phosphorus Pesticides	ND	N/A	N/A	N/A	8141A	N/A	N/A
Dinoseb	ND	50	5.1	ug/kg	8151A	N/A	63000ppb
2-4-D	ND	100	14	ug/kg	8151A	N/A	N/A
2,4,5-TP (Silvex)	ND	10	2.3	ug/kg	8151A	N/A	510000ppb

Zone DR

Analyte	Result	RL	MDL	Unit	Method	RWQCB Limit (soil)*	EPA Limit (soil)**
DDD	ND	5	1.5	ug/kg	8081A	2300ppb	1900ppb
DDE	10	5	1.5	ug/kg	8081A	1600ppb	2000ppb
DDT	ND	5	1.5	ug/kg	8081A	1600ppb	1900ppb
Chlordane (technical)	31	50	10	ug/kg	8081A	440ppb	1700 ppb
Organic Phosphorus Pesticides	ND	N/A	N/A	N/A	8141A	N/A	N/A
Dinoseb	18	50	5.1	ug/kg	8151A	N/A	63000ppb
2-4-D	20	100	14	ug/kg	8151A	N/A	N/A
2,4,5-TP (Silvex)	3	10	2.3	ug/kg	8151A	N/A	510000ppb

* - Limit based on Regional Water Quality Control Board (RWQCB) Shallow Soil Screening Levels
** - Limit based on EPA's Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) November 2018
RL - Reporting Limit
MDL - Method Detection Limit
ND - Not Detected
N/A - Not Applicable

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APPENDIX A
Laboratory Analytical Report

eurofins | Environment Testing TestAmerica



ANALYTICAL REPORT

Eurofins TestAmerica, Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-238900-1
Client Project/Site: Mountain View Golf Course

For:
G3SoilWorks, Inc.
350 Fischer Ave
Costa Mesa, California 92626

Attn: Erik Haaker

Authorized for release by:
5/1/2019 12:52:17 PM

Danielle Roberts, Senior Project Manager
(949)260-3249
danielle.roberts@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: G3SoilWorks, Inc.
Project/Site: Mountain View Golf Course

Job ID: 440-238900-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-238900-1	MVGC Z1	Solid	04/15/19 12:05	04/15/19 14:48
440-238900-2	MVGC Z2	Solid	04/15/19 12:39	04/15/19 14:48
440-238900-3	MVGC Z3	Solid	04/15/19 13:05	04/15/19 14:48
440-238900-4	MVGC Z4	Solid	04/15/19 13:46	04/15/19 14:48
440-238900-5	MVGC Z5	Solid	04/15/19 14:18	04/15/19 14:48
440-238900-6	MVGC DR	Solid	04/15/19 13:22	04/15/19 14:48

Case Narrative

Client: G3SoilWorks, Inc.
Project/Site: Mountain View Golf Course

Job ID: 440-238900-1

Job ID: 440-238900-1

Laboratory: Eurofins TestAmerica, Irvine

Narrative

Job Narrative
440-238900-1

Comments
No additional comments.

Receipt
The samples were received on 4/15/2019 2:48 PM; the samples arrived in good condition. The temperature of the cooler at receipt was 15.0º C.

GC Semi VOA
Method(s) 8081A: The following samples have clear evidence of the presence of chlordane based on the presence of cis and trans chlordane; however, the chlordane peaks in the sample do not closely match the laboratory's Technical Chlordane standard: MVGC Z1 (440-238900-1), MVGC Z2 (440-238900-2), MVGC Z4 (440-238900-4) and MVGC DR (440-238900-6). As a result, there is increased quantitative uncertainty associated with this result.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Subcontract non-Sister
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: G3SoilWorks, Inc.
Project/Site: Mountain View Golf Course

Job ID: 440-238900-1

Client Sample ID: MVGC Z1 — Lab Sample ID: 440-238900-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	2.4	J	5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDE	60		5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	2.1	J p	5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	110		50	10	ug/Kg	1		8081A	Total/NA
cis-Chlordane	9.6	p	5.0	2.0	ug/Kg	1		8081A	Total/NA
trans-Chlordane	8.7		5.0	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: MVGC Z2 — Lab Sample ID: 440-238900-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlordane (technical)	19	J	49	9.8	ug/Kg	1		8081A	Total/NA

Client Sample ID: MVGC Z3 — Lab Sample ID: 440-238900-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	2.2	J	5.0	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: MVGC Z4 — Lab Sample ID: 440-238900-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	7.0		5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	47	J	50	10	ug/Kg	1		8081A	Total/NA
cis-Chlordane	2.6	J p	5.0	2.0	ug/Kg	1		8081A	Total/NA
trans-Chlordane	2.5	J	5.0	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: MVGC Z5 — Lab Sample ID: 440-238900-5

No Detections.

Client Sample ID: MVGC DR — Lab Sample ID: 440-238900-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	10		5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	31	J	50	9.9	ug/Kg	1		8081A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MVGC Z1
Lab Sample ID: 440-238900-1
Date Collected: 04/15/19 12:05
Matrix: Solid
Date Received: 04/15/19 14:48

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**2.4**	**J**	5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
4,4'-DDE	**60**		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
4,4'-DDT	**2.1**	**J p**	5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
Aldrin	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
alpha-BHC	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
beta-BHC	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
Chlordane (technical)	**110**		50	10	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
cis-Chlordane	**9.6**	**p**	5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
delta-BHC	ND		10	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
Dieldrin	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
Endosulfan I	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
Endosulfan II	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
Endrin	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
Endrin ketone	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
Heptachlor	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
Methoxychlor	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
Toxaphene	ND		200	50	ug/Kg		04/16/19 15:30	04/17/19 19:10	1
trans-Chlordane	**8.7**		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*61*		*21 - 117*	*04/16/19 15:30*	*04/17/19 19:10*	*1*
Tetrachloro-m-xylene	*61*		*28 - 115*	*04/16/19 15:30*	*04/17/19 19:10*	*1*

Client Sample ID: MVGC Z2
Lab Sample ID: 440-238900-2
Date Collected: 04/15/19 12:39
Matrix: Solid
Date Received: 04/15/19 14:48

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
4,4'-DDE	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
4,4'-DDT	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
Aldrin	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
alpha-BHC	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
beta-BHC	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
Chlordane (technical)	**19**	**J**	49	9.8	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
cis-Chlordane	ND		4.9	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
delta-BHC	ND		9.8	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
Dieldrin	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
Endosulfan I	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
Endosulfan II	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
Endosulfan sulfate	ND		9.8	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
Endrin	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
Endrin aldehyde	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
Endrin ketone	ND		4.9	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
gamma-BHC (Lindane)	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:25	1

Client Sample ID: MVGC Z2

Lab Sample ID: 440-238900-2

Date Collected: 04/15/19 12:39

Matrix: Solid

Date Received: 04/15/19 14:48

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		4.9	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
Heptachlor epoxide	ND		4.9	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
Methoxychlor	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
Toxaphene	ND		200	49	ug/Kg		04/16/19 15:30	04/17/19 19:25	1
trans-Chlordane	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*54*		*21 - 117*	*04/16/19 15:30*	*04/17/19 19:25*	*1*
Tetrachloro-m-xylene	*61*		*28 - 115*	*04/16/19 15:30*	*04/17/19 19:25*	*1*

Client Sample ID: MVGC Z3

Lab Sample ID: 440-238900-3

Date Collected: 04/15/19 13:05

Matrix: Solid

Date Received: 04/15/19 14:48

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
4,4'-DDE	**2.2**	**J**	5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
4,4'-DDT	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
Aldrin	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
alpha-BHC	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
beta-BHC	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
Chlordane (technical)	ND		50	10	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
cis-Chlordane	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
delta-BHC	ND		10	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
Dieldrin	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
Endosulfan I	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
Endosulfan II	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
Endrin	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
Endrin ketone	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
Heptachlor	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
Methoxychlor	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
Toxaphene	ND		200	50	ug/Kg		04/16/19 15:30	04/17/19 19:40	1
trans-Chlordane	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*49*		*21 - 117*	*04/16/19 15:30*	*04/17/19 19:40*	*1*
Tetrachloro-m-xylene	*52*		*28 - 115*	*04/16/19 15:30*	*04/17/19 19:40*	*1*

Client Sample ID: MVGC Z4

Lab Sample ID: 440-238900-4

Date Collected: 04/15/19 13:46

Matrix: Solid

Date Received: 04/15/19 14:48

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
4,4'-DDE	**7.0**		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:54	1

Client Sample ID: MVGC Z4
Lab Sample ID: 440-238900-4
Date Collected: 04/15/19 13:46
Matrix: Solid
Date Received: 04/15/19 14:48

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
Aldrin	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
alpha-BHC	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
beta-BHC	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
Chlordane (technical)	**47**	**J**	50	10	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
cis-Chlordane	**2.6**	**J p**	5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
delta-BHC	ND		10	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
Dieldrin	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
Endosulfan I	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
Endosulfan II	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
Endrin	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
Endrin ketone	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
Heptachlor	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
Methoxychlor	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
Toxaphene	ND		200	50	ug/Kg		04/16/19 15:30	04/17/19 19:54	1
trans-Chlordane	**2.5**	**J**	5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*40*		*21 - 117*	*04/16/19 15:30*	*04/17/19 19:54*	*1*
Tetrachloro-m-xylene	*48*		*28 - 115*	*04/16/19 15:30*	*04/17/19 19:54*	*1*

Client Sample ID: MVGC Z5
Lab Sample ID: 440-238900-5
Date Collected: 04/15/19 14:18
Matrix: Solid
Date Received: 04/15/19 14:48

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
4,4'-DDE	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
4,4'-DDT	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
Aldrin	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
alpha-BHC	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
beta-BHC	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
Chlordane (technical)	ND		49	9.9	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
cis-Chlordane	ND		4.9	2.0	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
delta-BHC	ND		9.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
Dieldrin	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
Endosulfan I	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
Endosulfan II	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
Endosulfan sulfate	ND		9.9	2.0	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
Endrin	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
Endrin aldehyde	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
Endrin ketone	ND		4.9	2.0	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
gamma-BHC (Lindane)	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
Heptachlor	ND		4.9	2.0	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
Heptachlor epoxide	ND		4.9	2.0	ug/Kg		04/16/19 15:30	04/17/19 20:09	1

Client Sample ID: MVGC Z5
Lab Sample ID: 440-238900-5
Date Collected: 04/15/19 14:18
Matrix: Solid
Date Received: 04/15/19 14:48

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
Toxaphene	ND		200	49	ug/Kg		04/16/19 15:30	04/17/19 20:09	1
trans-Chlordane	ND		4.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*51*		*21 - 117*	*04/16/19 15:30*	*04/17/19 20:09*	*1*
Tetrachloro-m-xylene	*58*		*28 - 115*	*04/16/19 15:30*	*04/17/19 20:09*	*1*

Client Sample ID: MVGC DR
Lab Sample ID: 440-238900-6
Date Collected: 04/15/19 13:22
Matrix: Solid
Date Received: 04/15/19 14:48

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
4,4'-DDE	**10**		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
4,4'-DDT	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
Aldrin	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
alpha-BHC	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
beta-BHC	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
Chlordane (technical)	**31**	**J**	50	9.9	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
cis-Chlordane	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
delta-BHC	ND		9.9	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
Dieldrin	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
Endosulfan I	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
Endosulfan II	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
Endosulfan sulfate	ND		9.9	2.0	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
Endrin	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
Endrin ketone	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
Heptachlor	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
Methoxychlor	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
Toxaphene	ND		200	50	ug/Kg		04/16/19 15:30	04/17/19 20:24	1
trans-Chlordane	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*37*		*21 - 117*	*04/16/19 15:30*	*04/17/19 20:24*	*1*
Tetrachloro-m-xylene	*43*		*28 - 115*	*04/16/19 15:30*	*04/17/19 20:24*	*1*

Surrogate Summary

Client: G3SoilWorks, Inc.
Project/Site: Mountain View Golf Course

Job ID: 440-238900-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	DCB2 (21-117)	TCX2 (28-115)										
440-238900-1	MVGC Z1	61	61										
440-238900-2	MVGC Z2	54	61										
440-238900-3	MVGC Z3	49	52										
440-238900-4	MVGC Z4	40	48										
440-238900-5	MVGC Z5	51	58										
440-238900-6	MVGC DR	37	43										
440-239000-A-1-A MS	Matrix Spike	52	58										
440-239000-A-1-B MSD	Matrix Spike Duplicate	49	56										
LCS 440-540670/2-A	Lab Control Sample	70	66										
MB 440-540670/1-A	Method Blank	79	76										

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene

Method Summary

Client: G3SoilWorks, Inc.
Project/Site: Mountain View Golf Course

Job ID: 440-238900-1

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	TAL IRV
8141A	SW846 8141A Organophosphorus Pesiticides	SW846	
8151	SW846 8151 Herbicide	SW846	
3546	Microwave Extraction	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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TAL IRV = Eurofins TestAmerica, Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: G3SoilWorks, Inc.
Project/Site: Mountain View Golf Course

Job ID: 440-238900-1

Client Sample ID: MVGC Z1
Date Collected: 04/15/19 12:05
Date Received: 04/15/19 14:48

Lab Sample ID: 440-238900-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.04 g	2 mL	540670	04/16/19 15:30	EGC	TAL IRV
Total/NA	Analysis	8081A		1			540912	04/17/19 19:10	D1D	TAL IRV

Client Sample ID: MVGC Z2
Date Collected: 04/15/19 12:39
Date Received: 04/15/19 14:48

Lab Sample ID: 440-238900-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.24 g	2 mL	540670	04/16/19 15:30	EGC	TAL IRV
Total/NA	Analysis	8081A		1			540912	04/17/19 19:25	D1D	TAL IRV

Client Sample ID: MVGC Z3
Date Collected: 04/15/19 13:05
Date Received: 04/15/19 14:48

Lab Sample ID: 440-238900-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.03 g	2 mL	540670	04/16/19 15:30	EGC	TAL IRV
Total/NA	Analysis	8081A		1			540912	04/17/19 19:40	D1D	TAL IRV

Client Sample ID: MVGC Z4
Date Collected: 04/15/19 13:46
Date Received: 04/15/19 14:48

Lab Sample ID: 440-238900-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.04 g	2 mL	540670	04/16/19 15:30	EGC	TAL IRV
Total/NA	Analysis	8081A		1			540912	04/17/19 19:54	D1D	TAL IRV

Client Sample ID: MVGC Z5
Date Collected: 04/15/19 14:18
Date Received: 04/15/19 14:48

Lab Sample ID: 440-238900-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.17 g	2 mL	540670	04/16/19 15:30	EGC	TAL IRV
Total/NA	Analysis	8081A		1			540912	04/17/19 20:09	D1D	TAL IRV

Client Sample ID: MVGC DR
Date Collected: 04/15/19 13:22
Date Received: 04/15/19 14:48

Lab Sample ID: 440-238900-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.08 g	2 mL	540670	04/16/19 15:30	EGC	TAL IRV
Total/NA	Analysis	8081A		1			540912	04/17/19 20:24	D1D	TAL IRV

Laboratory References:

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TAL IRV = Eurofins TestAmerica, Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 440-540670/1-A
Matrix: Solid
Analysis Batch: 540912

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 540670

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
4,4'-DDE	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
4,4'-DDT	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
Aldrin	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
alpha-BHC	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
beta-BHC	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
Chlordane (technical)	ND		50	10	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
cis-Chlordane	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
delta-BHC	ND		10	1.5	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
Dieldrin	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
Endosulfan I	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
Endosulfan II	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
Endrin	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
Endrin ketone	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
Heptachlor	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
Methoxychlor	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
Toxaphene	ND		200	50	ug/Kg		04/16/19 15:30	04/17/19 17:28	1
trans-Chlordane	ND		5.0	1.5	ug/Kg		04/16/19 15:30	04/17/19 17:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*79*		*21 - 117*	*04/16/19 15:30*	*04/17/19 17:28*	*1*
Tetrachloro-m-xylene	*76*		*28 - 115*	*04/16/19 15:30*	*04/17/19 17:28*	*1*

Lab Sample ID: LCS 440-540670/2-A
Matrix: Solid
Analysis Batch: 540912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 540670

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	13.3	9.87		ug/Kg		74	59 - 118
4,4'-DDE	13.3	9.30		ug/Kg		70	55 - 115
4,4'-DDT	13.3	10.6		ug/Kg		79	60 - 131
Aldrin	13.3	9.04		ug/Kg		68	53 - 115
alpha-BHC	13.3	8.82		ug/Kg		66	57 - 115
beta-BHC	13.3	9.48		ug/Kg		71	58 - 115
cis-Chlordane	13.3	9.37		ug/Kg		70	56 - 115
delta-BHC	13.3	9.24	J	ug/Kg		69	52 - 115
Dieldrin	13.3	9.53		ug/Kg		71	57 - 115
Endosulfan I	13.3	7.82		ug/Kg		59	56 - 115
Endosulfan II	13.3	8.46		ug/Kg		63	60 - 117
Endosulfan sulfate	13.3	8.96	J	ug/Kg		67	60 - 115
Endrin	13.3	9.28		ug/Kg		70	61 - 120
Endrin aldehyde	13.3	8.69		ug/Kg		65	54 - 115
Endrin ketone	13.3	9.23		ug/Kg		69	54 - 119
gamma-BHC (Lindane)	13.3	8.03		ug/Kg		60	56 - 115

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 440-540670/2-A
Matrix: Solid
Analysis Batch: 540912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 540670

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Heptachlor	13.3	9.09		ug/Kg		68	52 - 115
Heptachlor epoxide	13.3	9.55		ug/Kg		72	59 - 115
Methoxychlor	13.3	12.0		ug/Kg		90	60 - 133
trans-Chlordane	13.3	9.52		ug/Kg		71	38 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*70*		*21 - 117*
Tetrachloro-m-xylene	*66*		*28 - 115*

Lab Sample ID: 440-239000-A-1-A MS
Matrix: Solid
Analysis Batch: 540912

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 540670

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	ND		13.3	7.87		ug/Kg		59	10 - 150
4,4'-DDE	13		13.3	18.0		ug/Kg		38	10 - 150
4,4'-DDT	ND		13.3	10.3		ug/Kg		77	13 - 141
Aldrin	ND		13.3	7.58		ug/Kg		57	10 - 150
alpha-BHC	ND		13.3	6.96		ug/Kg		52	12 - 125
beta-BHC	ND		13.3	7.69		ug/Kg		58	10 - 150
cis-Chlordane	ND		13.3	7.63		ug/Kg		57	10 - 150
delta-BHC	ND		13.3	7.06	J	ug/Kg		53	12 - 130
Dieldrin	5.7		13.3	10.3		ug/Kg		35	10 - 150
Endosulfan I	ND		13.3	6.23		ug/Kg		47	10 - 150
Endosulfan II	ND		13.3	6.42		ug/Kg		48	10 - 150
Endosulfan sulfate	ND		13.3	6.89	J	ug/Kg		52	10 - 150
Endrin	ND		13.3	7.41		ug/Kg		56	10 - 150
Endrin aldehyde	ND		13.3	6.21		ug/Kg		47	10 - 131
Endrin ketone	ND		13.3	7.31		ug/Kg		55	10 - 134
gamma-BHC (Lindane)	ND		13.3	6.03		ug/Kg		45	20 - 119
Heptachlor	ND		13.3	7.45		ug/Kg		56	10 - 150
Heptachlor epoxide	ND		13.3	7.54		ug/Kg		57	10 - 150
Methoxychlor	ND		13.3	10.6		ug/Kg		80	10 - 150
trans-Chlordane	ND		13.3	7.73		ug/Kg		58	10 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*52*		*21 - 117*
Tetrachloro-m-xylene	*58*		*28 - 115*

Lab Sample ID: 440-239000-A-1-B MSD
Matrix: Solid
Analysis Batch: 540912

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 540670

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	ND		13.0	7.16		ug/Kg		55	10 - 150	9	26
4,4'-DDE	13		13.0	16.6		ug/Kg		28	10 - 150	8	40
4,4'-DDT	ND		13.0	9.91		ug/Kg		76	13 - 141	4	26
Aldrin	ND		13.0	7.22		ug/Kg		55	10 - 150	5	26

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 440-239000-A-1-B MSD
Matrix: Solid
Analysis Batch: 540912

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 540670

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
alpha-BHC	ND		13.0	6.56		ug/Kg		50	12 - 125	6	18
beta-BHC	ND		13.0	7.60		ug/Kg		58	10 - 150	1	33
cis-Chlordane	ND		13.0	7.16		ug/Kg		55	10 - 150	6	40
delta-BHC	ND		13.0	6.60	J	ug/Kg		51	12 - 130	7	35
Dieldrin	5.7		13.0	9.70		ug/Kg		31	10 - 150	6	28
Endosulfan I	ND		13.0	5.86		ug/Kg		45	10 - 150	6	32
Endosulfan II	ND		13.0	5.99		ug/Kg		46	10 - 150	7	25
Endosulfan sulfate	ND		13.0	6.44	J	ug/Kg		50	10 - 150	7	35
Endrin	ND		13.0	6.86		ug/Kg		53	10 - 150	8	27
Endrin aldehyde	ND		13.0	5.74		ug/Kg		44	10 - 131	8	33
Endrin ketone	ND		13.0	6.87		ug/Kg		53	10 - 134	6	40
gamma-BHC (Lindane)	ND		13.0	5.71		ug/Kg		44	20 - 119	5	24
Heptachlor	ND		13.0	7.05		ug/Kg		54	10 - 150	6	28
Heptachlor epoxide	ND		13.0	7.06		ug/Kg		54	10 - 150	7	25
Methoxychlor	ND		13.0	10.5		ug/Kg		81	10 - 150	1	34
trans-Chlordane	ND		13.0	7.24		ug/Kg		56	10 - 150	7	36

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*49*		*21 - 117*
Tetrachloro-m-xylene	*56*		*28 - 115*

GC Semi VOA

Prep Batch: 540670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-238900-1	MVGC Z1	Total/NA	Solid	3546	
440-238900-2	MVGC Z2	Total/NA	Solid	3546	
440-238900-3	MVGC Z3	Total/NA	Solid	3546	
440-238900-4	MVGC Z4	Total/NA	Solid	3546	
440-238900-5	MVGC Z5	Total/NA	Solid	3546	
440-238900-6	MVGC DR	Total/NA	Solid	3546	
MB 440-540670/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-540670/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-239000-A-1-A MS	Matrix Spike	Total/NA	Solid	3546	
440-239000-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 540912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-238900-1	MVGC Z1	Total/NA	Solid	8081A	540670
440-238900-2	MVGC Z2	Total/NA	Solid	8081A	540670
440-238900-3	MVGC Z3	Total/NA	Solid	8081A	540670
440-238900-4	MVGC Z4	Total/NA	Solid	8081A	540670
440-238900-5	MVGC Z5	Total/NA	Solid	8081A	540670
440-238900-6	MVGC DR	Total/NA	Solid	8081A	540670
MB 440-540670/1-A	Method Blank	Total/NA	Solid	8081A	540670
LCS 440-540670/2-A	Lab Control Sample	Total/NA	Solid	8081A	540670
440-239000-A-1-A MS	Matrix Spike	Total/NA	Solid	8081A	540670
440-239000-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8081A	540670

Definitions/Glossary

Client: G3SoilWorks, Inc.
Job ID: 440-238900-1
Project/Site: Mountain View Golf Course

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Accreditation/Certification Summary

Client: G3SoilWorks, Inc. Job ID: 440-238900-1
Project/Site: Mountain View Golf Course

Laboratory: Eurofins TestAmerica, Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	CA ELAP 2706	06-30-19

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte

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WORK ORDER NUMBER: 19-04-1490

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: TestAmerica

Client Project Name: Mountain View Golf Course / 44018825

Attention: Danielle Roberts
17461 Derian Avenue, Suite 100
Irvine, CA 92614-5845

Approved for release on 04/26/2019 by:
Richard Villafania
Project Manager

ResultLink ▸

Email your PM ▸

Eurofins Calscience (Calscience) certifies that the test results provided in this report meet all NELAC Institute requirements for parameters for which accreditation is required or available. Any exceptions to NELAC Institute requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 19-04-1490

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Work Order Narrative

Work Order: 19-04-1490 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 04/18/19. They were assigned to Work Order 19-04-1490.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Sample Summary

Client:	TestAmerica 17461 Derian Avenue, Suite 100 Irvine, CA 92614-5845	Work Order:	19-04-1490
		Project Name:	Mountain View Golf Course / 44018825
		PO Number:	
		Date/Time Received:	04/18/19 10:00
		Number of Containers:	6
Attn:	Danielle Roberts		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
MVGC Z1 (440-238900-1)	19-04-1490-1	04/15/19 12:05	1	Solid
MVGC Z2 (440-238900-2)	19-04-1490-2	04/15/19 12:39	1	Solid
MVGC Z3 (440-238900-3)	19-04-1490-3	04/15/19 13:05	1	Solid
MVGC Z4 (440-238900-4)	19-04-1490-4	04/15/19 13:46	1	Solid
MVGC Z5 (440-238900-5)	19-04-1490-5	04/15/19 14:18	1	Solid
MVGC DR (440-238900-6)	19-04-1490-6	04/15/19 13:22	1	Solid

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Analytical Report

TestAmerica
17461 Derian Avenue, Suite 100
Irvine, CA 92614-5845

Date Received: 04/18/19
Work Order: 19-04-1490
Preparation: EPA 3545
Method: EPA 8141A
Units: mg/kg

Project: Mountain View Golf Course / 44018825

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MVGC Z1 (440-238900-1)	**19-04-1490-1-A**	**04/15/19 12:05**	**Solid**	**GC 68**	**04/22/19**	**04/25/19 15:33**	**190422L14**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Demeton-o/s	ND	0.49	0.28	1.00	
Azinphos Methyl	ND	0.49	0.22	1.00	
Bolstar	ND	0.49	0.17	1.00	
Chlorpyrifos	ND	0.49	0.16	1.00	
Coumaphos	ND	0.49	0.15	1.00	
Diazinon	ND	0.49	0.16	1.00	
Dichlorvos	ND	0.49	0.27	1.00	
Disulfoton	ND	0.49	0.15	1.00	
Ethoprop	ND	0.49	0.16	1.00	
Fensulfothion	ND	0.49	0.18	1.00	
Fenthion	ND	0.49	0.18	1.00	
Merphos	ND	0.49	0.19	1.00	
Methyl Parathion	ND	0.49	0.21	1.00	
Mevinphos	ND	0.49	0.24	1.00	
Naled	ND	3.9	1.7	1.00	
Phorate	ND	0.49	0.22	1.00	
Ronnel	ND	0.49	0.15	1.00	
Stirophos	ND	2.0	0.59	1.00	
Tokuthion	ND	0.49	0.16	1.00	
Trichloronate	ND	0.49	0.15	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Tributylphosphate	72	20-154	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica
17461 Derian Avenue, Suite 100
Irvine, CA 92614-5845

Date Received: 04/18/19
Work Order: 19-04-1490
Preparation: EPA 3545
Method: EPA 8141A
Units: mg/kg

Project: Mountain View Golf Course / 44018825

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MVGC Z2 (440-238900-2)	**19-04-1490-2-A**	**04/15/19 12:39**	**Solid**	**GC 68**	**04/22/19**	**04/25/19 21:06**	**190422L14**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Demeton-o/s	ND	0.50	0.28	1.00	
Azinphos Methyl	ND	0.50	0.22	1.00	
Bolstar	ND	0.50	0.18	1.00	
Chlorpyrifos	ND	0.50	0.16	1.00	
Coumaphos	ND	0.50	0.15	1.00	
Diazinon	ND	0.50	0.16	1.00	
Dichlorvos	ND	0.50	0.27	1.00	
Disulfoton	ND	0.50	0.15	1.00	
Ethoprop	ND	0.50	0.16	1.00	
Fensulfothion	ND	0.50	0.18	1.00	
Fenthion	ND	0.50	0.18	1.00	
Merphos	ND	0.50	0.19	1.00	
Methyl Parathion	ND	0.50	0.21	1.00	
Mevinphos	ND	0.50	0.24	1.00	
Naled	ND	4.0	1.7	1.00	
Phorate	ND	0.50	0.22	1.00	
Ronnel	ND	0.50	0.15	1.00	
Stirophos	ND	2.0	0.59	1.00	
Tokuthion	ND	0.50	0.17	1.00	
Trichloronate	ND	0.50	0.15	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Tributylphosphate	87	20-154	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica
17461 Derian Avenue, Suite 100
Irvine, CA 92614-5845

Date Received: 04/18/19
Work Order: 19-04-1490
Preparation: EPA 3545
Method: EPA 8141A
Units: mg/kg

Project: Mountain View Golf Course / 44018825

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MVGC Z3 (440-238900-3)	**19-04-1490-3-A**	**04/15/19 13:05**	**Solid**	**GC 68**	**04/22/19**	**04/25/19 21:53**	**190422L14**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Demeton-o/s	ND	0.48	0.27	1.00	
Azinphos Methyl	ND	0.48	0.22	1.00	
Bolstar	ND	0.48	0.17	1.00	
Chlorpyrifos	ND	0.48	0.16	1.00	
Coumaphos	ND	0.48	0.14	1.00	
Diazinon	ND	0.48	0.15	1.00	
Dichlorvos	ND	0.48	0.26	1.00	
Disulfoton	ND	0.48	0.15	1.00	
Ethoprop	ND	0.48	0.16	1.00	
Fensulfothion	ND	0.48	0.17	1.00	
Fenthion	ND	0.48	0.18	1.00	
Merphos	ND	0.48	0.18	1.00	
Methyl Parathion	ND	0.48	0.20	1.00	
Mevinphos	ND	0.48	0.23	1.00	
Naled	ND	3.8	1.7	1.00	
Phorate	ND	0.48	0.22	1.00	
Ronnel	ND	0.48	0.15	1.00	
Stirophos	ND	1.9	0.57	1.00	
Tokuthion	ND	0.48	0.16	1.00	
Trichloronate	ND	0.48	0.15	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Tributylphosphate	81	20-154	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica
17461 Derian Avenue, Suite 100
Irvine, CA 92614-5845

Date Received: 04/18/19
Work Order: 19-04-1490
Preparation: EPA 3545
Method: EPA 8141A
Units: mg/kg

Project: Mountain View Golf Course / 44018825

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MVGC Z4 (440-238900-4)	**19-04-1490-4-A**	**04/15/19 13:46**	**Solid**	**GC 68**	**04/22/19**	**04/25/19 22:41**	**190422L14**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Demeton-o/s	ND	0.49	0.28	1.00	
Azinphos Methyl	ND	0.49	0.22	1.00	
Bolstar	ND	0.49	0.17	1.00	
Chlorpyrifos	ND	0.49	0.16	1.00	
Coumaphos	ND	0.49	0.15	1.00	
Diazinon	ND	0.49	0.16	1.00	
Dichlorvos	ND	0.49	0.27	1.00	
Disulfoton	ND	0.49	0.15	1.00	
Ethoprop	ND	0.49	0.16	1.00	
Fensulfothion	ND	0.49	0.18	1.00	
Fenthion	ND	0.49	0.18	1.00	
Merphos	ND	0.49	0.19	1.00	
Methyl Parathion	ND	0.49	0.21	1.00	
Mevinphos	ND	0.49	0.24	1.00	
Naled	ND	3.9	1.7	1.00	
Phorate	ND	0.49	0.22	1.00	
Ronnel	ND	0.49	0.15	1.00	
Stirophos	ND	2.0	0.59	1.00	
Tokuthion	ND	0.49	0.16	1.00	
Trichloronate	ND	0.49	0.15	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Tributylphosphate	72	20-154	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica
17461 Derian Avenue, Suite 100
Irvine, CA 92614-5845

Date Received: 04/18/19
Work Order: 19-04-1490
Preparation: EPA 3545
Method: EPA 8141A
Units: mg/kg

Project: Mountain View Golf Course / 44018825

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MVGC Z5 (440-238900-5)	**19-04-1490-5-A**	**04/15/19 14:18**	**Solid**	**GC 68**	**04/22/19**	**04/25/19 23:29**	**190422L14**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Demeton-o/s	ND	0.50	0.28	1.00	
Azinphos Methyl	ND	0.50	0.22	1.00	
Bolstar	ND	0.50	0.18	1.00	
Chlorpyrifos	ND	0.50	0.16	1.00	
Coumaphos	ND	0.50	0.15	1.00	
Diazinon	ND	0.50	0.16	1.00	
Dichlorvos	ND	0.50	0.27	1.00	
Disulfoton	ND	0.50	0.15	1.00	
Ethoprop	ND	0.50	0.16	1.00	
Fensulfothion	ND	0.50	0.18	1.00	
Fenthion	ND	0.50	0.18	1.00	
Merphos	ND	0.50	0.19	1.00	
Methyl Parathion	ND	0.50	0.21	1.00	
Mevinphos	ND	0.50	0.24	1.00	
Naled	ND	4.0	1.7	1.00	
Phorate	ND	0.50	0.22	1.00	
Ronnel	ND	0.50	0.15	1.00	
Stirophos	ND	2.0	0.59	1.00	
Tokuthion	ND	0.50	0.17	1.00	
Trichloronate	ND	0.50	0.15	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Tributylphosphate	67	20-154	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica
17461 Derian Avenue, Suite 100
Irvine, CA 92614-5845

Date Received: 04/18/19
Work Order: 19-04-1490
Preparation: EPA 3545
Method: EPA 8141A
Units: mg/kg

Project: Mountain View Golf Course / 44018825

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MVGC DR (440-238900-6)	**19-04-1490-6-A**	**04/15/19 13:22**	**Solid**	**GC 68**	**04/22/19**	**04/26/19 01:04**	**190422L14**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Demeton-o/s	ND	0.49	0.28	1.00	
Azinphos Methyl	ND	0.49	0.22	1.00	
Bolstar	ND	0.49	0.17	1.00	
Chlorpyrifos	ND	0.49	0.16	1.00	
Coumaphos	ND	0.49	0.15	1.00	
Diazinon	ND	0.49	0.16	1.00	
Dichlorvos	ND	0.49	0.27	1.00	
Disulfoton	ND	0.49	0.15	1.00	
Ethoprop	ND	0.49	0.16	1.00	
Fensulfothion	ND	0.49	0.18	1.00	
Fenthion	ND	0.49	0.18	1.00	
Merphos	ND	0.49	0.19	1.00	
Methyl Parathion	ND	0.49	0.21	1.00	
Mevinphos	ND	0.49	0.23	1.00	
Naled	ND	3.9	1.7	1.00	
Phorate	ND	0.49	0.22	1.00	
Ronnel	ND	0.49	0.15	1.00	
Stirophos	ND	1.9	0.58	1.00	
Tokuthion	ND	0.49	0.16	1.00	
Trichloronate	ND	0.49	0.15	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Tributylphosphate	90	20-154	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica
17461 Derian Avenue, Suite 100
Irvine, CA 92614-5845

Date Received: 04/18/19
Work Order: 19-04-1490
Preparation: EPA 3545
Method: EPA 8141A
Units: mg/kg

Project: Mountain View Golf Course / 44018825

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-973-423**	**N/A**	**Solid**	**GC 68**	**04/22/19**	**04/25/19 17:55**	**190422L14**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Demeton-o/s	ND	0.50	0.29	1.00	
Azinphos Methyl	ND	0.50	0.23	1.00	
Bolstar	ND	0.50	0.18	1.00	
Chlorpyrifos	ND	0.50	0.17	1.00	
Coumaphos	ND	0.50	0.15	1.00	
Diazinon	ND	0.50	0.16	1.00	
Dichlorvos	ND	0.50	0.28	1.00	
Disulfoton	ND	0.50	0.15	1.00	
Ethoprop	ND	0.50	0.17	1.00	
Fensulfothion	ND	0.50	0.18	1.00	
Fenthion	ND	0.50	0.19	1.00	
Merphos	ND	0.50	0.19	1.00	
Methyl Parathion	ND	0.50	0.21	1.00	
Mevinphos	ND	0.50	0.24	1.00	
Naled	ND	4.0	1.7	1.00	
Phorate	ND	0.50	0.22	1.00	
Ronnel	ND	0.50	0.16	1.00	
Stirophos	ND	2.0	0.60	1.00	
Tokuthion	ND	0.50	0.17	1.00	
Trichloronate	ND	0.50	0.15	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Tributylphosphate	99	20-154	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica
17461 Derian Avenue, Suite 100
Irvine, CA 92614-5845

Date Received: 04/18/19
Work Order: 19-04-1490
Preparation: EPA 8151A
Method: EPA 8151A
Units: ug/kg

Project: Mountain View Golf Course / 44018825

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MVGC Z1 (440-238900-1)	**19-04-1490-1-A**	**04/15/19 12:05**	**Solid**	**GC 40**	**04/18/19**	**04/22/19 16:02**	**190418L12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Dalapon	ND	250	73	1.00	
Dicamba	ND	10	1.2	1.00	
MCPP	ND	10000	3100	1.00	
MCPA	ND	10000	2000	1.00	
Dichlorprop	ND	100	17	1.00	
2,4-D	ND	100	14	1.00	
2,4,5-TP (Silvex)	ND	10	2.3	1.00	
2,4,5-T	ND	10	1.1	1.00	
2,4-DB	ND	100	16	1.00	
Dinoseb	12	50	5.1	1.00	J

Surrogate	Rec. (%)	Control Limits	Qualifiers
2,4-Dichlorophenylacetic acid	92	44-146	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MVGC Z2 (440-238900-2)	**19-04-1490-2-A**	**04/15/19 12:39**	**Solid**	**GC 40**	**04/18/19**	**04/22/19 16:25**	**190418L12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Dalapon	ND	250	73	1.00	
Dicamba	ND	10	1.2	1.00	
MCPP	ND	10000	3200	1.00	
MCPA	ND	10000	2100	1.00	
Dichlorprop	ND	100	17	1.00	
2,4-D	ND	100	14	1.00	
2,4,5-TP (Silvex)	ND	10	2.3	1.00	
2,4,5-T	ND	10	1.1	1.00	
2,4-DB	ND	100	16	1.00	
Dinoseb	10	50	5.1	1.00	J

Surrogate	Rec. (%)	Control Limits	Qualifiers
2,4-Dichlorophenylacetic acid	89	44-146	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica
17461 Derian Avenue, Suite 100
Irvine, CA 92614-5845

Date Received: 04/18/19
Work Order: 19-04-1490
Preparation: EPA 8151A
Method: EPA 8151A
Units: ug/kg

Project: Mountain View Golf Course / 44018825

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MVGC Z3 (440-238900-3)	**19-04-1490-3-A**	**04/15/19 13:05**	**Solid**	**GC 40**	**04/18/19**	**04/22/19 16:48**	**190418L12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Dalapon	ND	250	73	1.00	
Dicamba	ND	10	1.2	1.00	
MCPP	ND	10000	3200	1.00	
MCPA	ND	10000	2100	1.00	
Dichlorprop	ND	100	17	1.00	
2,4-D	ND	100	14	1.00	
2,4,5-TP (Silvex)	ND	10	2.3	1.00	
2,4,5-T	ND	10	1.1	1.00	
2,4-DB	21	100	16	1.00	J
Dinoseb	9.0	50	5.1	1.00	J

Surrogate	Rec. (%)	Control Limits	Qualifiers
2,4-Dichlorophenylacetic acid	86	44-146	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MVGC Z4 (440-238900-4)	**19-04-1490-4-A**	**04/15/19 13:46**	**Solid**	**GC 40**	**04/18/19**	**04/22/19 17:11**	**190418L12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Dalapon	ND	250	72	1.00	
Dicamba	ND	10	1.2	1.00	
MCPP	ND	10000	3100	1.00	
MCPA	ND	10000	2000	1.00	
Dichlorprop	ND	100	17	1.00	
2,4-D	ND	100	14	1.00	
2,4,5-TP (Silvex)	ND	10	2.3	1.00	
2,4,5-T	ND	10	1.1	1.00	
2,4-DB	ND	100	16	1.00	
Dinoseb	11	50	5.1	1.00	J

Surrogate	Rec. (%)	Control Limits	Qualifiers
2,4-Dichlorophenylacetic acid	94	44-146	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica
17461 Derian Avenue, Suite 100
Irvine, CA 92614-5845

Date Received: 04/18/19
Work Order: 19-04-1490
Preparation: EPA 8151A
Method: EPA 8151A
Units: ug/kg

Project: Mountain View Golf Course / 44018825

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MVGC Z5 (440-238900-5)	**19-04-1490-5-A**	**04/15/19 14:18**	**Solid**	**GC 40**	**04/18/19**	**04/22/19 15:39**	**190418L12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Dalapon	ND	250	73	1.00	
Dicamba	ND	10	1.2	1.00	
MCPP	ND	10000	3100	1.00	
MCPA	ND	10000	2000	1.00	
Dichlorprop	ND	100	17	1.00	
2,4-D	ND	100	14	1.00	
2,4,5-TP (Silvex)	ND	10	2.3	1.00	
2,4,5-T	ND	10	1.1	1.00	
2,4-DB	ND	100	16	1.00	
Dinoseb	ND	50	5.1	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2,4-Dichlorophenylacetic acid	80	44-146	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MVGC DR (440-238900-6)	**19-04-1490-6-A**	**04/15/19 13:22**	**Solid**	**GC 40**	**04/18/19**	**04/22/19 17:34**	**190418L12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Dalapon	ND	250	73	1.00	
Dicamba	ND	10	1.2	1.00	
MCPP	ND	10000	3100	1.00	
MCPA	ND	10000	2000	1.00	
Dichlorprop	ND	100	17	1.00	
2,4-D	20	100	14	1.00	J
2,4,5-TP (Silvex)	3.0	10	2.3	1.00	J
2,4,5-T	ND	10	1.1	1.00	
2,4-DB	ND	100	16	1.00	
Dinoseb	18	50	5.1	1.00	J

Surrogate	Rec. (%)	Control Limits	Qualifiers
2,4-Dichlorophenylacetic acid	92	44-146	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica
17461 Derian Avenue, Suite 100
Irvine, CA 92614-5845

Date Received: 04/18/19
Work Order: 19-04-1490
Preparation: EPA 8151A
Method: EPA 8151A
Units: ug/kg

Project: Mountain View Golf Course / 44018825

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-033-1656**	**N/A**	**Solid**	**GC 40**	**04/18/19**	**04/22/19 10:17**	**190418L12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Dalapon	ND	250	73	1.00	
Dicamba	ND	10	1.2	1.00	
MCPP	ND	10000	3200	1.00	
MCPA	ND	10000	2100	1.00	
Dichlorprop	ND	100	17	1.00	
2,4-D	ND	100	14	1.00	
2,4,5-TP (Silvex)	ND	10	2.3	1.00	
2,4,5-T	ND	10	1.1	1.00	
2,4-DB	ND	100	16	1.00	
Dinoseb	ND	50	5.1	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2,4-Dichlorophenylacetic acid	80	44-146	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

TestAmerica
17461 Derian Avenue, Suite 100
Irvine, CA 92614-5845

Date Received: 04/18/19
Work Order: 19-04-1490
Preparation: EPA 3545
Method: EPA 8141A

Project: Mountain View Golf Course / 44018825

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MVGC Z2 (440-238900-2)	**Sample**	**Solid**	**GC 68**	**04/22/19**	**04/25/19 21:06**	**190422S14**
MVGC Z2 (440-238900-2)	**Matrix Spike**	**Solid**	**GC 68**	**04/22/19**	**04/25/19 19:30**	**190422S14**
MVGC Z2 (440-238900-2)	**Matrix Spike Duplicate**	**Solid**	**GC 68**	**04/22/19**	**04/25/19 20:18**	**190422S14**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Azinphos Methyl	ND	4.000	3.795	95	3.675	92	30-130	3	0-30	
Bolstar	ND	4.000	3.262	82	3.216	80	30-130	1	0-30	
Chlorpyrifos	ND	4.000	3.114	78	3.070	77	30-130	1	0-30	
Coumaphos	ND	4.000	3.338	83	3.431	86	30-130	3	0-30	
Diazinon	ND	4.000	3.168	79	3.047	76	30-130	4	0-30	
Disulfoton	ND	4.000	3.290	82	2.782	70	30-130	17	0-30	
Ethoprop	ND	4.000	3.424	86	3.159	79	30-130	8	0-30	
Fensulfothion	ND	4.000	3.541	89	3.445	86	30-130	3	0-30	
Fenthion	ND	4.000	3.224	81	3.158	79	30-130	2	0-30	
Merphos	ND	4.000	3.200	80	3.045	76	30-130	5	0-30	
Methyl Parathion	ND	4.000	3.494	87	3.480	87	30-130	0	0-30	
Phorate	ND	4.000	3.415	85	3.239	81	30-130	5	0-30	
Ronnel	ND	4.000	2.852	71	2.915	73	30-130	2	0-30	
Stirophos	ND	4.000	3.084	77	3.046	76	30-130	1	0-30	
Tokuthion	ND	4.000	3.016	75	2.930	73	30-130	3	0-30	
Trichloronate	ND	4.000	2.930	73	2.929	73	30-130	0	0-30	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

TestAmerica
17461 Derian Avenue, Suite 100
Irvine, CA 92614-5845

Date Received: 04/18/19
Work Order: 19-04-1490
Preparation: EPA 8151A
Method: EPA 8151A

Project: Mountain View Golf Course / 44018825

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MVGC Z5 (440-238900-5)	**Sample**	**Solid**	**GC 40**	**04/18/19**	**04/22/19 15:39**	**190418S12**
MVGC Z5 (440-238900-5)	**Matrix Spike**	**Solid**	**GC 40**	**04/18/19**	**04/22/19 11:03**	**190418S12**
MVGC Z5 (440-238900-5)	**Matrix Spike Duplicate**	**Solid**	**GC 40**	**04/18/19**	**04/22/19 11:26**	**190418S12**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
2,4-D	ND	400.0	378.0	94	323.0	81	32-146	16	0-37	
2,4,5-T	ND	40.00	30.00	75	27.00	68	27-147	11	0-37	
2,4-DB	ND	400.0	417.0	104	357.0	89	31-151	16	0-42	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

TestAmerica
17461 Derian Avenue, Suite 100
Irvine, CA 92614-5845

Date Received: 04/18/19
Work Order: 19-04-1490
Preparation: EPA 3545
Method: EPA 8141A

Project: Mountain View Golf Course / 44018825

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-973-423	**LCS**	**Solid**	**GC 68**	**04/22/19**	**04/25/19 18:43**	**190422L14**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Azinphos Methyl	4.000	3.538	88	30-150	10-170	
Bolstar	4.000	3.323	83	42-150	24-168	
Chlorpyrifos	4.000	3.094	77	44-128	30-142	
Coumaphos	4.000	3.993	100	40-142	23-159	
Diazinon	4.000	3.340	84	38-146	20-164	
Disulfoton	4.000	3.706	93	39-153	20-172	
Ethoprop	4.000	4.313	108	39-141	22-158	
Fensulfothion	4.000	3.146	79	31-163	9-185	
Fenthion	4.000	3.248	81	37-145	19-163	
Merphos	4.000	3.359	84	39-135	23-151	
Methyl Parathion	4.000	3.501	88	45-153	27-171	
Phorate	4.000	3.691	92	48-162	29-181	
Ronnel	4.000	2.833	71	44-122	31-135	
Stirophos	4.000	3.135	78	33-141	15-159	
Tokuthion	4.000	3.018	75	44-128	30-142	
Trichloronate	4.000	2.942	74	35-137	18-154	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

TestAmerica	Date Received: 04/18/19
17461 Derian Avenue, Suite 100	Work Order: 19-04-1490
Irvine, CA 92614-5845	Preparation: EPA 8151A
	Method: EPA 8151A
Project: Mountain View Golf Course / 44018825	Page 2 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
095-01-033-1656	**LCS**	**Solid**	**GC 40**	**04/18/19**	**04/22/19 10:40**	**190418L12**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
2,4-D	400.0	302.0	76	49-127	
2,4,5-T	40.00	26.00	65	31-145	
2,4-DB	400.0	273.0	68	48-132	

RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 19-04-1490 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 8141A	EPA 3545	669	GC 68	1
EPA 8151A	EPA 8151A	669	GC 40	1

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Glossary of Terms and Qualifiers

Work Order: 19-04-1490 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

Eurofins TestAmerica, Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Roberts, Danielle C	Carrier Tracking No(s):	COC No: 440-137217.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: danielle.roberts@testamericainc.com	State of Origin: California	Page: Page 1 of 1
Company: Eurofins Calscience LLC		Accreditations Required (See note): State Program - California		Job #: 440-238900-1
Address: 7440 Lincoln Way, ,	Due Date Requested: 4/22/2019			
City: Garden Grove	TAT Requested (days):			
State, Zip: CA, 92841				
Phone: 714-895-5494(Tel) 714-894-7501(Fax)	PO #:			
Email:	WO #: 19-04-1490			
Project Name: Mountain View Golf Course	Project #: 44018825			
Site: Summerly Discharge	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUB (Eurofins-8141)/ Eurofins-8141	SUB (Eurofins-8151)/ Eurofins-8151	Total Number of containers	Special Instructions/Note:
			Preservation Code							
MVGC Z1 (440-238900-1)	4/15/19	12:05 Pacific		Solid			X	X	1	Eurofins-8141, Eurofins-8151
MVGC Z2 (440-238900-2)	4/15/19	12:39 Pacific		Solid			X	X	1	Eurofins-8141, Eurofins-8151
MVGC Z3 (440-238900-3)	4/15/19	13:05 Pacific		Solid			X	X	1	Eurofins-8141, Eurofins-8151
MVGC Z4 (440-238900-4)	4/15/19	13:46 Pacific		Solid			X	X	1	Eurofins-8141, Eurofins-8151
MVGC Z5 (440-238900-5)	4/15/19	14:18 Pacific		Solid			X	X	1	Eurofins-8141, Eurofins-8151
MVGC DR (440-238900-6)	4/15/19	13:22 Pacific		Solid			X	X	1	Eurofins-8141, Eurofins-8151

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	A. Renney	4/17/19 1700	TA IRV		4/18/19 10:00	EC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

(Fedex)

Ver: 01/16/2019

1490

Do Not Lift Using This T

Part # 159469-434 RIT2 EXP 01/20

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ORIGIN ID:DTHA (949) 261-1022
TESTAMERICA-IRVINE/SAMPLE CONTROL

17461 DERIAN AVE
SUITE 100
IRVINE, CA 92614
UNITED STATES US

SHIP DATE: 17APR19
ACTWGT: 23.45 LB
CAD: 616730/CAFE3211

BILL SENDER

TO SHIPPING/RECEIVING
EUROFINS CALSCIENCE LLC
7440 LINCOLN WAY

GARDEN GROVE CA 92841
(714) 895-5494 REF: 8440-163806
PO: YES

551C1/97ES/104C

FedEx Express

J181111180950101

THU - 18 APR 10:30A
PRIORITY OVERNIGHT

TRK# 0201 4538 3730 5909

92 APVA

92841
CA-US SNA

eurofins | Calscience

WORK ORDER NUMBER: 19-04-1490

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: TA, Irvine

DATE: 04/18/2019

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: -0.2°C); Temperature (w/o CF): 3.0 °C (w/ CF): 2.8 °C; ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 836

CUSTODY SEAL:

Cooler ☑ Present and Intact ☐ Present but Not Intact ☐ Not Present ☐ N/A Checked by: 836

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1053

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☐	☑	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☐	☐	☑
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Acid/base preserved samples - pH within acceptable range	☐	☐	☑
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB ☐ 125PB**znna** (pH__9)

☐ 250AGB ☐ 250CGB ☐ 250CGB**s** (pH__2) ☐ 250PB ☐ 250PB**n** (pH__2) ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s** (pH__2) ☐ 500PB

☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** (pH__2) ☐ 1AGB**s** (O&G) ☐ 1PB ☐ 1PB**na** (pH__12) ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☑ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (___) ☐ EnCores® (___) ☐ TerraCores® (___) ☐ _____ ☐ _____ ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, Labeled/Checked by: 1053

s = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH Reviewed by: [illegible]

eurofins | Calscience

Subcontractor Analysis Report

Work Order: 19-04-1490 Page 1 of 1

One or more samples in this work order have tests that were subcontracted. The subcontract report(s) follows.

For subcontracted tests, please reference the laboratory information noted below.

Eurofins TestAmerica, Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: DOUG STOUT	Lab PM: Roberts, Danielle C	Carrier Tracking No(s):	COC No: 440-163694-29833.2
Client Contact: Erik Haaker	Phone:	E-Mail: danielle.roberts@testamericainc.com		Page: Page 1 OF 1
Company: G3SoilWorks, Inc.				Job #: 4002
Address: 350 Fischer Ave	Due Date Requested: 4/24/19			
City: Costa Mesa	TAT Requested (days): ASAP			
State, Zip: CA, 92626				
Phone: 714-668-5600	PO #: Pay by Credit Card			
Email: ehaaker@g3soilworks.com	WO #:			
Project Name: Soil	Project #: 44018825			
Site: MOUNTAIN VIEW GOLF COURSE	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8081A - Standard 8081A Pesticide list	8141	8151	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
MVGC Z1 4oz	4/15/19	1205	C	S							
MVGC Z1 8oz		1205									
MVGC Z2 4oz		1239									
MVGC Z2 8oz		1239									
MVGC Z3 4oz		1305									
MVGC Z3 8oz		1305									
MVGC Z4 4oz		1346									
MVGC Z4 8oz		1346									
MVGC Z5 4oz		1418									
MVGC Z5 8oz		1418									
MVGC DR 4oz & 8oz		1322									

4/15/19

440-238900 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
(Doug Stout)	4/15/19 1448	G3SW		4/15/19 1448	TA-IRV
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 14.4/15.0° IR88 on ice

Ver: 01/16/2019

5/1/2019

Login Sample Receipt Checklist

Client: G3SoilWorks, Inc.

Job Number: 440-238900-1

Login Number: 238900
List Number: 1
Creator: Bonta, Lucia F

List Source: Eurofins TestAmerica, Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX B
RECDEH-ECP Correction Sheet

Pending Review	Development Review / Transportation	Kevin Tsang	12/04/2018
Assignment Pending	Park and Open Space / Park and Open Space	Phayvanh Nanthavongdouangsy	12/04/2018
Cleared - Recommend Approval	Waste Resources / Waste Resources	Kinika Hesterly	12/04/2018
Assignment Pending	Cultural / Planning	Heather Thomson	12/04/2018
Corrections	Environmental Health / Environmental Health	Matt Riha	12/04/2018

Corrections:

General Correction General

DEH Corrections:

1) Address the following for Environmental Cleanup Program (ECP):

- A Phase I ESA update that includes all of SP00397 (TTM37519, TTM37501, TTM37502, TTM37503 and TTM37504) should be submitted to our department

o A missing TTM and several APNS where not in the phase I ESA, included:
TTM37501: 102-050-003, 102-112-008, and 102-160-003 (Only 102-050-004 was included in the report)
TTM37502: 102-050-008 (the map contains only this apn)

- Concur with G3SoilWorks recommendation to complete a limited Phase II ESA to evaluate potential impacts of the diesel and gasoline ASTs in Area D.
- RECDEH-ECP will require that the phase II ESA include the sampling for historical pesticide and herbicide use at the gold course fairway greens, including drainage basins and irrigation ponds.

2) Provide a current water and sewer Will Serve letter from the purveyor.

Corrective Action: N/A

Pending Review	Transportation / Transportation	Benjie Cho	12/04/2018

No record of triage, but received PWQMP1 thru BB on 11/21/18. PWQMP is being reviewed by Trans with approx. 2 week review period and comments will be issued to the engineer. PHYDRO1 will be reviewed by Flood Control due to large facility sizes. No workflow will be added to other related TTM or TPM, since the WQMP is a combined WQMP for all projects. BEC.

Cleared - Recommend Approval	Paleontology / Planning	Dan Walsh	12/04/2018

PRIMP REQUIRED PRIOR TO GRADING

Pending Review	Flood Control / Flood Control	Anthony Garcia	12/04/2018
Corrections	Grading / Transportation	Sam Gonzalez	12/04/2018

Corrections:

General Correction General

GRADING CORRECTIONS

Corrective Action: CORRECTIONS: TTM37501 Submittal 1
DATE: 12/06/2018
Contact person: Sam D. Gonzalez
PH: (951) 955-1866
EMAIL: sdgonzal@rivco.org

The Grading Division has reviewed the submitted exhibit for TTM37501. The review was performed on electronic submittal using Bluebeam software. For Grading Division Comments, please see Bluebeam Session ID: 118-961-652. In order to review the comments Bluebeam software is required. A viewer version of Bluebeam is available as a free download here:
http://www.bluebeam.com/us/products/free-viewer/

F.3 - Mountain View Phase II Environmental Assessment

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G3SoilWorks

GEOLOGY · GEOTECH · GROUNDWATER

Phase II Environmental Assessment Above Ground Fuel Tank Soil Sampling Report

Mountain View Country Club
2121 Mountain View Drive

Prepared For:

Oxbow Investment Holdings, LLC
2392 Morse Avenue
Irvine, CA 92614

By:
G3SoilWorks, Inc.
Project No. 1-4002-B

February 3, 2016

350 Fischer Ave. Front ◆ Costa Mesa, CA 92626 ◆ P: 714 668 5600 ◆ www.G3SoilWorks.com

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Phase II Environmental Assessment
Above Ground Fuel Tank Soil Sampling
Report
Mountain View Country Club
2121 Mountain View Drive
Corona California

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2.1 Geography....1
2.2 Geology....2
2.0 SOIL SAMPLING AND ANALYSIS....2
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Figure 2 – Soil Boring Location Map

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Appendix A – Boring Log
Appendix B – Laboratory Analytical Report

1.0 INTRODUCTION

On November 30, 2015, G3SoilWorks (G3) prepared a Phase I Environmental Assessment (ESA) for the Mountain View Country Club House (Site). During the completion of the Phase I ESA report, the former location of one 250-gallon diesel and one 500-gallon gasoline aboveground storage tanks (ASTs) were identified. However, no documentation on the permitting, installation, inspection, removal, disposal, or any regulatory agency compliance status of the ASTs was available. Therefore, the recommendation was made to complete a Phase II ESA in the immediate vicinity of the ASTs. The location of the Site is shown on Figure 1, Site Location Map and the location of the ASTs is shown on Figure 2 Boring Location Map.

1.1 Objective

Based on the recommendation in the Phase I ESA for an additional Phase II ESA investigation in the immediate vicinity of the two ASTs, the activities presented in this report were completed.

The objective of the activities is to evaluate the potential impact of the former diesel and gasoline ASTs on the subsurface soils beneath the Site.

1.2 Scope of Work

The soil sampling activities presented in this report were completed in response to Phase I ESA recommendations and in general accordance with the scope of work presented in G3's Master Services Agreement (MSA) Attachment A, AST Sampling, dated December 14, 2015 and authorized by Oxbow Investment Holdings, LLC

2.0 Physical Setting

The Site is a total of approximately 105 acres, 80 acres are located in the County of Riverside and 25 acres are in the city of Corona. A total of 52 acres in four areas of the golf course are proposed for development. The 52 acres have been divided into four areas, A, B, C, and D. Area A is located east of the intersection of Applegate Dr. and Kirkwood Dr. Area B is located SW of the intersection of Serfas Club Dr. and CA 91 off-ramp. Area C is located west of the intersection of Via Del Rio and Kirkwood Dr. Area D, the location of the former clubhouse, is located at 2121 Mountain View Dr. in the County of Riverside, California. Areas A through D are shown on Figure 1 Site Location Map.

The Site is currently an undeveloped vacant property which was occupied by a golf course from the early 1960s to as late as 2009. The fairways and putting greens were disked and since have been minimally maintained for weed abatement and brush control. The abandoned clubhouse burned and the building was subsequently demolished leaving only the concrete pad. The corrugated storage shed used for golf cart storage and maintenance still exists next to the club house pad.

2.1 Geography

The Site is located approximately 640 feet above mean sea level (MSL) and generally slopes upwards towards the south. The Site is situated east of Santa Ana River Canyon, which separates the Chino Hills and the Santa Ana Mountains. This places the Site, approximately, in

the west portion of the city of Corona and northwest portion of the county of Riverside. A Site Location Map is included as Figure 1.

2.2 Geology

The Site is located set in a transition zone between the alluvial fan associated with Wardlow Wash and alluvial deposits associated with the Santa Ana River. The Site is east of the Santa Ana River Canyon, which separates the northern Santa Ana Mountains from the Chino Hills. Wardlow Wash runs to the southwest of the Site. The canyon is the result of erosion forces of the Santa Ana River. The Santa Ana Mountains and Chino Hills are part of the Peninsular Ranges Geomorphic Province. This province is comprised of northwest-southeast trending mountain ranges and sediment-filled basins located in southwestern California.

The materials underlying the Site are comprised of older, elevated, dissected alluvial gravel, sand, and silt. The sediments were transported from the Santa Ana Mountains with some contribution from the Santa Ana River and Wardlow Wash. The uppermost portion of the alluvial fan has been modified by grading associated with development, and includes areas covered by artificial fill.

2.0 SOIL SAMPLING AND ANALYSIS

In preparation for initiating the assessment activities a boring location was marked and Underground Service Alert (USA) was notified to identify utilities on the site.

2.1 Soil Sampling.

On January 15, 2016, one soil boring was completed adjacent to the concrete containment for the former above ground storage tanks.

The boring was completed to a depth of approximately 12 feet below ground surface (bgs). During drilling, soil samples were collected at a depth of approximately 2 foot depth intervals. The location of the boring is shown on Figure 2 Site Location Map.

The soil borings were completed by hydraulically advancing a steel probe using Direct Push technology (a limited access Geoprobe unit). During drilling, continuous core soil samples were collected from the acetate sleeves cut at the individual sample intervals. Soil samples were collected at a depths of approximately 2, 4, 6, 8, 10, and 12 feet bgs. The acetate sleeves were sealed with Teflon film, capped, and labeled. A portion of each soil sample was screened with a photo ionization detector (PID) for volatile organic compounds (VOCs). Based on the results of the screening, three samples were selected for analysis. The sample screening results indicated no concentrations of VOCs in any of the samples. Therefore, the three shallowest samples (from depths of 2, 4, and 6 feet bgs) were selected. Groundwater was not encountered in the boring, therefore, no groundwater sample was collected.

Soil samples to be analyzed for VOCs were prepared in accordance with U.S. EPA Method 5035 using disposable laboratory provided samplers. Each sample consisted of three aliquots of soil weighing approximately 5 grams, each preserved in 40 milliliter VOA vials. All the soil samples were labeled, placed on ice, and delivered to a State certified laboratory

under chain-of-custody documentation.

During drilling, the recovered soil samples were described in general accordance with the Uniform Soil Classification System (USCS) by our field geologist. A copy of the Boring Log is provided in Appendix A.

Before each use, all drilling and sampling equipment was cleaned, double rinsed with tap water, and final rinsed with distilled water, to reduce the potential for cross contamination. Geoprobe holes were backfilled with hydrated bentonite and finished to match the adjacent surface.

2.2 Laboratory Analyses

A summary of the soil samples analyzed and the analytical methods used is presented below.

- Samples collected at depths of 2, 4, and 6 feet bgs from the boring were analyzed for Total Petroleum Hydrocarbons (TPH) with carbon chain distribution (CC) and Volatile Organic Compounds (VOCs) using EPA method 8260B.
- The other samples collected were archived and are being held by the analytical laboratory.

2.3 Analytical Results

The laboratory analytical results indicated no reported concentrations of TPH or VOCs above the method-reporting limit in any of the soil samples analyzed. The soil sample analytical results for selected fuel, fuel additive, and oil range hydrocarbons are shown in Table 1. The complete Laboratory Analytical Report is presented in Appendix B.

2.4 Conclusions

Based on the above analytical results, there was no apparent impact by the former ASTs on the Site.

2.4 Recommendations

Based on the above conclusion, no further additional soil sampling is recommended.

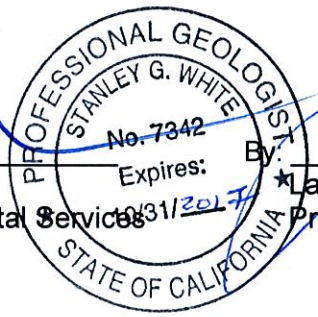
3.0 CLOSURE

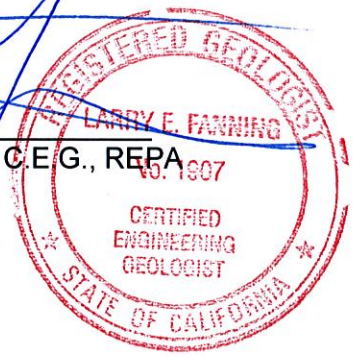
This report has been prepared for the sole benefit and exclusive use of the Oxbow Investment Holdings, LLC as it pertains to the subject Property located at 2121 Mountain View Drive, Corona, California. Our services have been performed in accordance with applicable state and local ordinances and generally accepted practices in the geosciences. No other warranty, either express or implied, is made.

G3SoilWorks, Inc. (G3) is not responsible or liable for any claims or damages associated with the accuracy or completeness of information provided by others. Reliance on this report by third parties is at the third parties' sole risk. Site exploration identifies actual subsurface conditions only at those points where samples are taken, at the time when they are taken. Data derived through sampling and analytical testing are extrapolated by geoscientists who then render an opinion about overall subsurface conditions. Actual

conditions in areas not sampled may differ from predictions. This report should not be regarded as a guarantee that no further contamination, beyond that which was detected in our investigation, is present beneath the property. In the event that changes in the nature of the property occur, or additional, relevant information about the property is brought to our attention, the conclusions and recommendations contained in this report may not be valid unless these changes and the additional relevant information are reviewed and the conclusions of this report are modified or verified in writing.

G3SoilWorks, Inc.

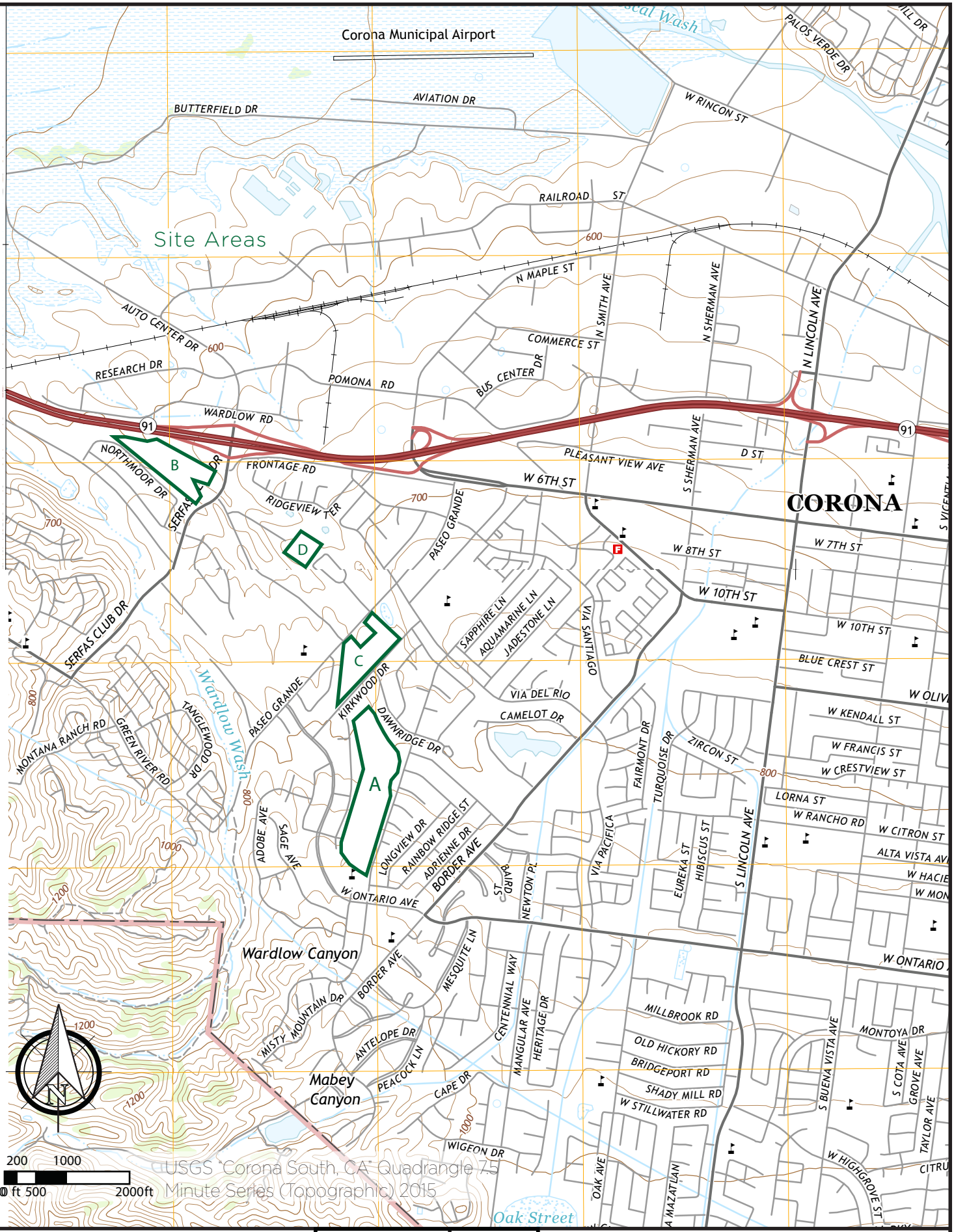




By: _____ By: _____
Stanley G White, P.G. Larry Fanning, P.G., C.E.G., REPA
Director of Environmental Services President

SGW/dlr

FIGURES



Site Location Map - Areas A,B,C,D	Job No. 1-4002	Oct. 2015	
2121 Mountain View Dr.	Cornoa, CA	Fig. 1	

G3SoilWorks
350 Fischer Ave. Front
Costa Mesa, CA 92626
Phone: (714) 668 5600
www.G3SoilWorks.com



Boring Location Map		Job No. 1-4002	Nov. 2015
Aerial	Corona, CA		Fig. 2

G3SoilWorks
350 Fischer Ave. Front
Costa Mesa, CA 92626
Phone: (714) 668 5600
www.G3SoilWorks.com

TABLES

TABLE 1
Selected Soil Sample
Fuel, Fuel Additives, and Oil Analytical Results

Sample Number		B1@2	B1@4	B1@6
Units		mg/Kg	mg/Kg	mg/Kg
Analytes	PQL	Results	Results	Results
TPH Gasoline Range Organics (C6 to C10)	0.50	ND	ND	ND
TPH Diesel Range Organics (C10 to C28)	10.0	ND	ND	ND
TPH Oil Range Organics (C28+)	50.0	ND	ND	ND
Benzene	2.00	ND	ND	ND
Ethylbenzene	2.00	ND	ND	ND
Methyl tert-butyl ether (MTBE)	5.00	ND	ND	ND
Toluene (Methyl benzene)	2.00	ND	ND	ND
Total Xylenes	4.00	ND	ND	ND

mg/Kg = milligram per Kilogram

PQL = Practical Quantitive Limit
ND = not detected above the PQL

APPENDIX A
BORING LOG

GEOTECHNICAL BORING LOG

PROJECT NO.	1-4002-B	PROJECT NAME	Mountain View Country Club		
DATE STARTED	1/15/16	GROUND ELEV.		BORING DESIG.	B-1
DATE FINISHED	1/15/16	GW DEPTH (FT)		LOGGED BY	SW / DS
DRILLER	Strongarm	DRIVE WT.		NOTE	
TYPE OF DRILL RIG	Geoprobe	DROP			

DEPTH (feet)	ELEV.	LITHOLOGY	GROUP SYMBOL	GEOTECHNICAL DESCRIPTION	WELL DETAIL	REMARKS
				Artificial Fill (Af)		PID (ppm)
			CL	@2' Silty CLAY, red brown, trace fine to medium sand, 1/4" gravels, stiff, dry.		0
			ML	@4' Fine to medium sandy SILT, red brown, medium dense, dry.		0
5				**Alluvium (Qa)**		
			SM	@6' Silty fine to medium SAND, red brown, medium dense, dry.		0
			SM	@8' Silty fine to medium SAND, red brown, medium dense, damp.		0
10			SM	@10' Silty Fine to medium SAND, red brown, medium dense, damp.		0
			ML	@12' Fine to medium sandy SILT, red brown, medium dense, damp.		0
				Total Depth: 12'.		
				No groundwater encountered during drilling.		
				Backfilled with hydrated bentonite chips.		

SAMPLE TYPES:
- R RING (DRIVE) SAMPLE
- S SPT (SPLIT SPOON) SAMPLE
- B BULK SAMPLE
- T TUBE SAMPLE

Water Seepage
MAX - Max. Density/Opt. Moist.
DS - Direct Shear
GS - Grain Size Analysis
EI - Expansion Index
CONS - Consolidation

G3SoilWorks
350 Fischer Ave. Front
Costa Mesa, CA 92626
Phone: (714) 668 5600
www.G3SoilWorks.com

APPENDIX B
LABORATORY ANALYTICAL REPORT

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

Ordered By

G 3 Soil Works
350 Fisher Avenue
Costa Mesa, CA 92626-

Telephone (714)668-5600
Attn Stan White

Number of Pages 6
Date Received 01/15/2016
Date Reported 01/22/2016

Job Number	Ordered	Client
66806	01/15/2016	G3SOIL

Project ID: 1-4002-B
Project Name: Mt. View Country Club
Site: 2121 Mountain View

Enclosed are the results of analyses on 3 samples analyzed as specified on attached chain of custody.

Wendy Lu
Organics Supervisor

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.

AMERICAN SCIENTIFIC LABORATORIES, LLC
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Page ____ Of ____

COC# № 70211 GLOBAL ID _____ E REPORT: ☐ PDF ☐ EDF ☐ EDD ASL JOB# 66806

Company: G3 SOIL WORKS		Report To: STAN WHITE	ANALYSIS REQUESTED
Address: 350 FISCHER	Project Name: MT. VIEW COUNTRY CLUB	Address:	VOC 8260B, TPH SD15 CL
COSTA MESA	Site Address: 2121 MOUNTAIN VIEW	Invoice To:	
Telephone: Fax:		Address:	
Special Instruction:	Project ID: 1-4002-B		
E-mail: SWHITE@G3SOILWORKS.COM	Project Manager: STAN WHITE	P.O.#:	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Container(s) Type	Matrix	Preservation	Remarks
	342055	B1E2	1-15-16	09:16	3 1	VOA TUBE	SOIL		
	342056	B1E4		09:16					
	342057	B1E6		09:19					
		B1E8		09:19					HOLD
		B1E10		09:25					HOLD
		B1E12	↓	09:28	↓	↓	↓		HOLD

Collected By:	Date	Time	Relinquished By:	Date 1-15-16	Time 13:30
Relinquished By:	Date	Time	Received For Laboratory	Date 1-15-16	Time 13:35
Received By:	Date	Time	Condition of Sample:		

TAT ☒ Normal ☐ Rush

CHAIN OF CUSTODY RECORD

White - Report, Yellow - Laboratory, Pink - Client

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
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ANALYTICAL RESULTS

Ordered By

G 3 Soil Works
350 Fisher Avenue
Costa Mesa, CA 92626-

Telephone: (714)668-5600
Attn: Stan White

Site

2121 Mountain View

Page: **2**

Project ID: 1-4002-B
Project Name: Mt. View Country Club

ASL Job Number	Submitted	Client
66806	01/15/2016	G3SOIL

Method: 8015B, TPH DROs and OROs (Diesel and Oil Range Organics)

QC Batch No: S1P-011816

Our Lab I.D.		342055	342056	342057		
Client Sample I.D.		B1@2	B1@4	B1@6		
Date Sampled		01/15/2016	01/15/2016	01/15/2016		
Date Prepared		01/18/2016	01/18/2016	01/18/2016		
Preparation Method						
Date Analyzed		01/18/2016	01/18/2016	01/18/2016		
Matrix		Soil	Soil	Soil		
Units		mg/Kg	mg/Kg	mg/Kg		
Dilution Factor		1	1	1		
Analytes	**PQL**	**Results**	**Results**	**Results**		
TPH DROs (C10 to C28)	10.0	ND	ND	ND		
TPH OROs (C28+)	50.0	ND	ND	ND		

Our Lab I.D.		342055	342056	342057		
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.		
Surrogate Percent Recovery						
Chlorobenzene	70-120	91	92	95		

QUALITY CONTROL REPORT

QC Batch No: S1P-011816

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Diesel	100	97	3.0	75-120	<20					

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ANALYTICAL RESULTS

Ordered By

G 3 Soil Works
350 Fisher Avenue
Costa Mesa, CA 92626-

Telephone: (714)668-5600
Attn: Stan White

Site

2121 Mountain View

Page: **3**

Project ID: 1-4002-B
Project Name: Mt. View Country Club

ASL Job Number	Submitted	Client
66806	01/15/2016	G3SOIL

Method: 8260B, Volatile Organic Compounds

QC Batch No: S1B-011816

Our Lab I.D.		342055	342056	342057		
Client Sample I.D.		B1@2	B1@4	B1@6		
Date Sampled		01/15/2016	01/15/2016	01/15/2016		
Date Prepared		01/18/2016	01/18/2016	01/18/2016		
Preparation Method						
Date Analyzed		01/18/2016	01/18/2016	01/18/2016		
Matrix		Soil	Soil	Soil		
Units		ug/kg	ug/kg	ug/kg		
Dilution Factor		1	1	1		
Analytes	**PQL**	**Results**	**Results**	**Results**		
Acetone	50.0	ND	ND	ND		
Benzene	2.00	ND	ND	ND		
Bromobenzene (Phenyl bromide)	10.0	ND	ND	ND		
Bromochloromethane (Chlorobromomethane)	10.0	ND	ND	ND		
Bromodichloromethane (Dichlorobromomethane)	10.0	ND	ND	ND		
Bromoform (Tribromomethane)	50.0	ND	ND	ND		
Bromomethane (Methyl bromide)	30.0	ND	ND	ND		
2-Butanone (MEK, Methyl ethyl ketone)	50.0	ND	ND	ND		
n-Butylbenzene	10.0	ND	ND	ND		
sec-Butylbenzene	10.0	ND	ND	ND		
tert-Butylbenzene	10.0	ND	ND	ND		
Carbon disulfide	10.0	ND	ND	ND		
Carbon tetrachloride (Tetrachloromethane)	10.0	ND	ND	ND		
Chlorobenzene	10.0	ND	ND	ND		
Chloroethane	30.0	ND	ND	ND		
2-Chloroethyl vinyl ether	50.0	ND	ND	ND		
Chloroform (Trichloromethane)	10.0	ND	ND	ND		
Chloromethane (Methyl chloride)	30.0	ND	ND	ND		
4-Chlorotoluene (p-Chlorotoluene)	10.0	ND	ND	ND		
2-Chlorotoluene (o-Chlorotoluene)	10.0	ND	ND	ND		
1,2-Dibromo-3-chloropropane (DBCP)	50.0	ND	ND	ND		
Dibromochloromethane	10.0	ND	ND	ND		
1,2-Dibromoethane (EDB, Ethylene dibromide)	10.0	ND	ND	ND		
Dibromomethane	10.0	ND	ND	ND		
1,2-Dichlorobenzene (o-Dichlorobenzene)	10.0	ND	ND	ND		
1,3-Dichlorobenzene (m-Dichlorobenzene)	10.0	ND	ND	ND		
1,4-Dichlorobenzene (p-Dichlorobenzene)	10.0	ND	ND	ND		
Dichlorodifluoromethane	30.0	ND	ND	ND		
1,1-Dichloroethane	10.0	ND	ND	ND		

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Project ID: 1-4002-B
Project Name: Mt. View Country Club

ASL Job Number	Submitted	Client
66806	01/15/2016	G3SOIL

Method: 8260B, Volatile Organic Compounds

QC Batch No: S1B-011816

Our Lab I.D.		342055	342056	342057		
Client Sample I.D.		B1@2	B1@4	B1@6		
Date Sampled		01/15/2016	01/15/2016	01/15/2016		
Date Prepared		01/18/2016	01/18/2016	01/18/2016		
Preparation Method						
Date Analyzed		01/18/2016	01/18/2016	01/18/2016		
Matrix		Soil	Soil	Soil		
Units		ug/kg	ug/kg	ug/kg		
Dilution Factor		1	1	1		
Analytes	**PQL**	**Results**	**Results**	**Results**		
1,2-Dichloroethane	10.0	ND	ND	ND		
1,1-Dichloroethene (1,1-Dichloroethylene)	10.0	ND	ND	ND		
cis-1,2-Dichloroethene	10.0	ND	ND	ND		
trans-1,2-Dichloroethene	10.0	ND	ND	ND		
1,2-Dichloropropane	10.0	ND	ND	ND		
1,3-Dichloropropane	10.0	ND	ND	ND		
2,2-Dichloropropane	10.0	ND	ND	ND		
1,1-Dichloropropene	10.0	ND	ND	ND		
cis-1,3-Dichloropropene	10.0	ND	ND	ND		
trans-1,3-Dichloropropene	10.0	ND	ND	ND		
Ethylbenzene	2.00	ND	ND	ND		
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	30.0	ND	ND	ND		
2-Hexanone	50.0	ND	ND	ND		
Isopropylbenzene	10.0	ND	ND	ND		
p-Isopropyltoluene (4-Isopropyltoluene)	10.0	ND	ND	ND		
MTBE	5.00	ND	ND	ND		
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	50.0	ND	ND	ND		
Methylene chloride (Dichloromethane, DCM)	50.0	ND	ND	ND		
Naphthalene	10.0	ND	ND	ND		
n-Propylbenzene	10.0	ND	ND	ND		
Styrene	10.0	ND	ND	ND		
1,1,1,2-Tetrachloroethane	10.0	ND	ND	ND		
1,1,2,2-Tetrachloroethane	10.0	ND	ND	ND		
Tetrachloroethene (Tetrachloroethylene)	10.0	ND	ND	ND		
Toluene (Methyl benzene)	2.00	ND	ND	ND		
1,2,3-Trichlorobenzene	10.0	ND	ND	ND		
1,2,4-Trichlorobenzene	10.0	ND	ND	ND		
1,1,1-Trichloroethane	10.0	ND	ND	ND		
1,1,2-Trichloroethane	10.0	ND	ND	ND		
Trichloroethene (TCE)	10.0	ND	ND	ND		
Trichlorofluoromethane	10.0	ND	ND	ND		
1,2,3-Trichloropropane	10.0	ND	ND	ND		
1,2,4-Trimethylbenzene	10.0	ND	ND	ND		
1,3,5-Trimethylbenzene	10.0	ND	ND	ND		
Vinyl acetate	50.0	ND	ND	ND		

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ANALYTICAL RESULTS

Project ID: 1-4002-B
Project Name: Mt. View Country Club

ASL Job Number	Submitted	Client
66806	01/15/2016	G3SOIL

Method: 8260B, Volatile Organic Compounds

QC Batch No: S1B-011816

Our Lab I.D.		342055	342056	342057		
Client Sample I.D.		B1@2	B1@4	B1@6		
Date Sampled		01/15/2016	01/15/2016	01/15/2016		
Date Prepared		01/18/2016	01/18/2016	01/18/2016		
Preparation Method						
Date Analyzed		01/18/2016	01/18/2016	01/18/2016		
Matrix		Soil	Soil	Soil		
Units		ug/kg	ug/kg	ug/kg		
Dilution Factor		1	1	1		
Analytes	**PQL**	**Results**	**Results**	**Results**		
Vinyl chloride (Chloroethene)	30.0	ND	ND	ND		
o-Xylene	2.00	ND	ND	ND		
m- & p-Xylenes	4.00	ND	ND	ND		

Our Lab I.D.		342055	342056	342057		
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.		
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	112	112	112		
Dibromofluoromethane	70-120	94	97	95		
Toluene-d8	70-120	99	99	100		

QUALITY CONTROL REPORT

QC Batch No: S1B-011816

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	106	107	<1	75-120	15					
Chlorobenzene	119	120	<1	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	90	88	2.2	75-120	15					
MTBE	118	119	<1	75-120	15					
Toluene (Methyl benzene)	120	120	<1	75-120	15					
Trichloroethene (TCE)	103	104	<1	75-120	15					

AMERICAN SCIENTIFIC LABORATORIES, LLC
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ANALYTICAL RESULTS

Ordered By

G 3 Soil Works
350 Fisher Avenue
Costa Mesa, CA 92626-

Telephone: (714)668-5600
Attn: Stan White

Site

2121 Mountain View

Page: **6**

Project ID: 1-4002-B
Project Name: Mt. View Country Club

ASL Job Number	Submitted	Client
66806	01/15/2016	G3SOIL

Method: 8260B, TPH GROs(Gasoline Range Organics)

QC Batch No: S1B-011816

Our Lab I.D.		342055	342056	342057		
Client Sample I.D.		B1@2	B1@4	B1@6		
Date Sampled		01/15/2016	01/15/2016	01/15/2016		
Date Prepared		01/18/2016	01/18/2016	01/18/2016		
Preparation Method						
Date Analyzed		01/18/2016	01/18/2016	01/18/2016		
Matrix		Soil	Soil	Soil		
Units		ug/kg	ug/kg	ug/kg		
Dilution Factor		1	1	1		
Analytes	**PQL**	**Results**	**Results**	**Results**		
TPH GROs (C6 to C10)	500	ND	ND	ND		

Our Lab I.D.		342055	342056	342057		
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.		
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	112	112	112		
Dibromofluoromethane	70-120	94	97	95		
Toluene-d8	70-120	99	99	100		

QUALITY CONTROL REPORT

QC Batch No: S1B-011816

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	106	107	<1	75-120	15					
Chlorobenzene	119	120	<1	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	90	88	2.2	75-120	15					
MTBE	118	119	<1	75-120	15					
Toluene (Methyl benzene)	120	120	<1	75-120	15					
Trichloroethene (TCE)	103	104	<1	75-120	15					

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F.4 - G_3SoilWorks Phase II Environmental Site Assessment Clarification

G3SoilWorks

GEOLOGY · GEOTECH · GROUNDWATER

Mr. Thomas Grabiel
OXBOW Partners
2392 Morse Ave
Irvine, CA 92614

January 3, 2024
Project No. 1-4002-A

Subject: **PHASE II A ENVIRONMENTAL SITE ASSESSMENT REPORT CLARIFICATION**
Mountain View Country Club
2121 Mountain View Drive
Riverside County, California

Dear Mr. Grabiel:

G3SoilWorks (G3) is pleased to submit the following clarification to our Phase II A Environmental Report dated May 10, 2019.

Soil samples were obtained from six (6) designated zones: Zone 1, Zone 2, Zone 3, Zone 4, Zone 5 and Zone DR. In each of these zones, multiple soil samples were obtained from the upper six inches and developed into a representative sample. The soil samples therefore represent the upper 6 inches of site soils.

We appreciate the opportunity to be of service to you. If you should have any questions or comments regarding this report, please feel to call anytime.

Respectfully submitted,
G3SoilWorks, Inc.

By: _____
Steve E. Strickler, P.E., G.E. GE 2265
CEO / Principal Geotechnical Engineer

REGISTERED PROFESSIONAL ENGINEER
STEVEN E. STRICKLER
GEOTECHNICAL
STATE OF CALIFORNIA