

Desert View Power

Phase I Environmental Site Assessment

Desert View Power 62-300 Gene Welmas Drive Mecca, CA

29 January 2013



Signatures



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ERM Project No. 0184733

29 January 2013

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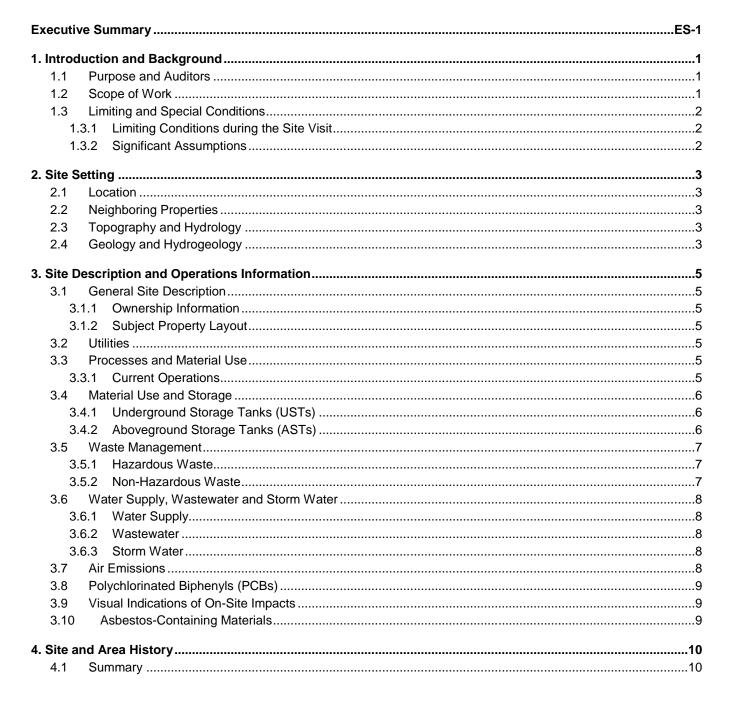
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Executive Summary





Summary

Environmental Resources Management (ERM) conducted a Phase I Environmental Site Assessment (ESA) of the Desert View Power facility located at 62-300 Gene Welmas Drive in the City of Mecca, California (The "subject property" or "site"). The Phase I ESA was conducted in accordance with the scope and limitations of ASTM Standard E 1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. A site visit was conducted on 3 January 2013 by Mr. Kevin Bryan of ERM. The subject property is occupied by Desert View Power and is comprised of 103.8 acres. The subject property is developed with the main power plant in the central-southern portion of the subject property. A paved access road runs north-south from the power plant to the northern subject property boundary. The remaining portions of the subject property are unpaved and used for temporary stock piling and handling of raw materials and furnace top (fly-ash) and bottom ash (shipped off site for various beneficial re-uses). A truck scale and two driver operated truck dumps are located immediately to the northeast of the power plant complex.

Desert View Power operates a 47-megawatt (MW) biomass-fueled electric power plant on the site. Electricity generated on-site is sold to the Imperial Irrigation District (IID) and San Diego Gas and Electric (SDG&E) under long term power purchase agreements. The power plant essentially combusts biomass consisting of mainly wood waste from agricultural, construction and demolition activities to generate heat, through a circulating fluidized bed which is used to generate super-heated steam to turn turbines and generate electricity. Ancillary operations at the subject property include administrative functions and a confined space entry training facility, which Desert View Power allows on an as needed basis for the benefit of local fire and law enforcement and other first responder emergency services.

The site was undeveloped desert scrub, until commencement of the development of the site with the current power plant configuration in 1989. Construction was completed, and the power plant fully on line by 1992. According to site representatives, there have been no significant changes in operations since 1992. Topographic maps dated back to 1904 indicate that the site has always been described as tribal land ("Indian Reservation").

Based on the data obtained during the site visit, the environmental database review, and interviews with persons familiar with the site and its history, the following environmental conditions were identified at the site:

Recognized Environmental Conditions (RECs)

No RECs were identified in connection with the subject property.

Historical Recognized Environmental Conditions (HRECs)

No HRECs were identified in connection with the subject property.

Other Potential Environmental Issues

No other potential environmental issues were identified in connection with the subject property.

1. Introduction and Background





1.1 Purpose and Auditors

ERM completed a Phase I Environmental Site Assessment (ESA) of the Desert View Power facility located at 62-300 Gene Welmas Drive in the City of Mecca, Riverside County, California (the "subject property" or the "site"). The environmental assessment was performed in anticipation of a financial transaction involving the site.

The site visit was performed on 3 January 2013 by ERM assessor, Mr. Kevin Bryan. ERM was accompanied on the site visit by Mr. Kit Blessing, Desert View Power's on-site supervisor.

1.2 Scope of Work

This environmental assessment was conducted in conformance with ERM's proposal dated 13 December 2012 and with the requirements of American Society for Testing and Materials (ASTM) Standard E 1527-05; Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and the standards for conducting all appropriate inquiries set forth by the United States Environmental Protection Agency (USEPA) at 40 Code of Federal Regulations (CFR) Part 312.

The assessment was conducted to evaluate and identify conditions indicative of releases and threatened releases of hazardous substances and petroleum products on, at, in or to the subject property. ERM's Phase I ESA sought to gather information regarding: (1) current and past property users and occupancies; (2) current and past users of hazardous substances and petroleum products; (3) waste management and disposal activities that could have caused a release or threatened release of hazardous substances; (4) current and past corrective actions and response activities to address past and on-going releases of hazardous substances at the subject property; (5) engineering controls at the subject property; (6) institutional controls at the subject property; and (7) properties adjoining or located near the subject property that have environmental conditions that could have resulted in conditions indicative of releases or threatened releases of hazardous substances to the subject property.

The scope of this Phase I ESA included:

- An on-site inspection of the subject property to evaluate current conditions and identify areas of potential concern;
- A review of subject property and site area history through interviews and a review of various historical sources as referenced in Section 4.3 below;
- Observation of adjacent properties and the local area to evaluate the potential for adverse environmental impact to the subject property;
- Interviews/research of local city/county, tribal, state, and federal records, including contracting of Environmental Data Resources, Inc. (EDR) to identify regulatory listed sites as required in the regulatory records review section of the ASTM standard for Phase I ESAs, where available; and
- Interviews and/or requests for information from the User and subject property owner, as deemed appropriate by the Environmental Professional.

1.3 Limiting and Special Conditions

1.3.1 Limiting Conditions during the Site Visit

No significant limitations were encountered during the site visit.

1.3.2 Significant Assumptions

No significant assumptions have been made.

2. Site Setting





2.1 Location

The site is located at 62-300 Gene Welmas Drive, Mecca, Riverside County, California on tribal land owned by the Cabazon Band of Mission Indians (CBMI). The site itself is leased from the CBMI under a lease approved by the Bureau of Indian Affairs (BIA), which expires in 2031. The location of the subject property and the physiographic features of the surrounding area are shown on Figure 1, developed from the United States Geological Survey (USGS) 7.5-minute quadrangle for Mecca, California, dated 1972.

2.2 Neighboring Properties

Land use in the vicinity of the site is primarily vacant desert scrub. The abutting properties and nearby land uses include:

- North: Vacant desert scrub and Western Environmental, a non-hazardous materials recycling business. A
 small Indian-owned used-tire processing business is also located to the north of the Desert View Power facility
 known as First Nation Recovery, Inc. An underground pipeline (described by the National Pipeline Mapping
 System as a non-highly volatile liquid (non-HVL) pipeline) is located north of the site.
- East: Desert scrub.
- South: Desert Scrub, a railroad and Highway 111 (which runs northwest-southeast in the immediate vicinity of the site.
- West: The railroad and Highway 111, beyond which are desert scrub and a fruit orchard.

The closest residences are located 0.3 mile east-southeast of the site. None of the above referenced facilities are listed on the appended environmental database report reviewed by ERM.

2.3 Topography and Hydrology

The site is located at an approximate elevation of 120 feet below mean sea level (BMSL). The site and surrounding properties are flat and near level, with a gentle slope down to the south.

According to the environmental database report, the site is not located within the 100-year or 500-year flood zones. Desert View Power personnel reported no occurrences of flooding at the site. The environmental database report indicates that there are no federally designated wetlands located at the Site. No areas of the site observed by ERM exhibited wetland-like conditions (such as common wetland vegetation).

2.4 Geology and Hydrogeology

ERM obtained local geological and hydrological information from on-line United States Geological Survey (USGS) resources.

The site is located in the Coachella Valley, an alluvial lowland that extends southeastward from the San Gorgonio Pass region to the north end of the Salton Sea. The lowland is traversed by multiple strands of the San Andreas Fault, and is punctuated by localized compressional squeeze-ups that form dome-shaped hills of uplifted sand and gravel. Geology underlying the site is composed of over 700 feet of alluvial deposits composed of interbedded silt, sand and gravel.

Based on surface topography and regional groundwater studies in the Coachella Valley, groundwater is on the order of 250 feet below ground surface in the site area, with a general southerly flow. Perched groundwater may exist locally at shallower depth, as well as during wetter periods, associated with local washes and ephemeral storm water flow.

It is important to note that groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells. Confirmation of specific geologic and hydrogeologic factors affecting groundwater flow beneath the Subject Property is beyond the scope of this Phase I ESA.

3. Site Description and Operations Information





3.1 General Site Description

3.1.1 Ownership Information

Tribal records and the site's lease indicate the site is composed of a single 103.8-acre parcel of land. The subject property is not recorded on Riverside County records and is located with the tribal lands of the CBMI. A Site Layout and Area Map is provided as Figure 2.

3.1.2 Subject Property Layout

The subject property is developed with the main power plant in the central-southern portion of the site. A paved access road runs north-south from the power plant to the northern site boundary. The remaining portions of the site are unpaved and used for stock piling of raw materials (described below) and furnace fly ash (shipped off site for various beneficial re-uses). A truck scale and two truck dumps are located northeast of the power plant complex.

3.2 Utilities

Electricity is self-generated and The Gas Company provides natural gas supply (used infrequently for furnace start up only). Process water is provided by two on-site wells, both 600 feet in depth with groundwater at 275 feet below ground surface. Potable water is provided from bottled sources.

Sanitary wastewater is stored in aboveground tanks, as discussed further, below.

3.3 Processes and Material Use

3.3.1 Current Operations

Desert View Power operates a 47-megawatt (MW) biomass-fueled electric power plant on the site. Electricity generated on site is sold to San Diego Gas and Electric (SDG&E) and Imperial Irrigation District under long term power purchase agreements.

The power plant essentially combusts biomass to generate heat, which utilizes a circulating fluidized bed to generate super-heated steam to turn turbines and generate electricity. The general process is summarized as follows:

- Biomass is transported to the site by truck and is composed of landfill-diverted wood waste, manufacturing and construction wood wastes, landscape and right-of-way trimmings, used pallets, used boxes and other wood.
- The biomass is screened and graded, and transported by a conveyor belt system to day-silos. The mix is fed to a furnace for combustion.
- Off-gas from the combustion is passed through a cyclone and in turn through a superheater, where water is
 converted to steam, and used to turn turbines to generate power. The plant uses two Combustion Engineering
 circulating fluidized bed boilers to generate steam to drive a single ABB turbine generator.
- Emissions are controlled through ammonia injection (to control NOx emissions), a limestone feed (to control SOx emissions) and a baghouse on each boiler (to control particulate emissions).

Ancillary operations at the site include administrative functions and a confined space entry training facility, which Desert View Power allows on an as-needed basis for the benefit of local fire and law enforcement and other first responder emergency services. Associated instruction is provided by the agencies undertaking the training (generally Riverside County emergency agencies) and not by Desert View Power itself. ERM understands Desert View Power's role is limited to providing the physical training facility only, which is composed of a number of engineered confined spaces, on a portion of the site away from the power plant. ERM notes that none of the confined spaces are associated with on-site processes.

3.4 Material Use and Storage

Chemicals used and stored at the site include the following:

- Sulfuric acid is stored in a 700-gallon polyethylene double-walled aboveground storage tank (AST) and a 2,500-gallon polyethylene double walled AST. The sulfuric acid is fed to the cooling tower and the brine concentrator systems via pumps and is used to control the pH level of the water.
- Sodium hypochlorite is stored in a 2,500-gallon polyethylene double-walled AST and is used to control bacterial
 growth in the cooling water.
- Chlorine is stored in a 2,000-gallon (approximately 15,000-pound) plastic AST located adjacent to the boilers and used to treat boiler blow down water.
- Ammonia stored in a 12,000-gallon AST. The ammonia system itself, which includes both the AST and remaining portions of the system, contains 55,800 pounds.
- Approximately 2,000-3,000 gallons of various lube oils for turbines and vehicles are stored in 55-gallon drums and ASTs. Turbine lube oil is stored in a 3,040-gallon AST located adjacent to the turbines. Hydraulic oil and various lube oils are stored in approximately seven 120- to 150-gallon ASTs in the plant lubrication and rolling stock area.
- Diesel is stored in a 3,000-gallon AST, in two 120-gallon portable tanks and within two integral fire-pump tanks (50 and 500 gallons).
- Gasoline is stored in a 50-gallon portable tank in the rolling stock area.

Materials handling and storage at the site was observed by ERM to be good, with appropriate labeling and no signs of spills or releases.

3.4.1 Underground Storage Tanks (USTs)

The EDR report did not identify current or historical USTs at the subject property. According to site representatives and consistent with ERM's diligence, no current or historical USTs have been operated at the site.

3.4.2 Aboveground Storage Tanks (ASTs)

According to facility personnel and based on observations during the site visit, there are numerous ASTs and in-process tanks located at the subject property. ASTs at the site include the following:

- One in-process, 12,000-gallon ammonia AST for NOx control on the boiler emissions. According to on-site documents, up to 9,840 gallons of ammonia are stored in the AST.
- Five ASTs between 7,200 gallons and 63,700 gallons in capacity used to store condensate, chilled water and service water for the boilers.
- Four water treatment chemical ASTs (BL-1283, BL-1513, Calcium chloride and sulfuric acid) between 400 and 5,000 gallons in capacity.

- Three cooling tower chemical tanks (CL-4802, Sulfuric acid and sodium hypochlorite) of 900-, 1,700- and 2,500 gallons in capacity.
- Two oil tanks in the turbine area: one hydraulic oil AST, 130-gallon capacity; and a 3,040-gallon turbine lube oil AST.
- Two 480-gallon used oil ASTs and two 120-gallon lube oil tanks in the plant lubrication area.
- Five 120- to 150-gallon hydraulic, lube and transmission oil ASTs located in the rolling stock maintenance area.
- Three diesel ASTs (100-, 150- and 3,000 gallons) and one gasoline AST (50 gallons), located in the rolling stock maintenance area.
- Two 1,200-gallon hydraulic oil tanks, a 574,000-gallon water tank, a 32,200-gallon wastewater tank, a 3,000-gallon ammonia tank and the two diesel fire pump tanks are variously located at the site.

Based on ERM's site reconnaissance, no evidence of spills or releases from the above ASTs were identified and filling and dispensing practices appear to be sound. Secondary containment is provided beneath 55-gallon drums utilizing spill containment pallets and the petroleum storage tanks, with the remaining double-walled tanks located within the paved plant area.

3.5 Waste Management

3.5.1 Hazardous Waste

According to the environmental database report reviewed by ERM, Colmac Energy is registered as a small quantity generator (SQG) of hazardous waste, with generator number CAL000072900. However, according to site representatives and based on ERM's review, it appears that the facility rarely generates federally regulated hazardous waste. Hazardous waste generation in the past has included off-specification, aged or surplus organics, which represents waste solvents generated in a parts washer by the maintenance department and minimal volumes of laboratory-derived waste.

The environmental database report does not list violations against Colmac and according to site representatives, no hazardous waste violations have been received by the site.

Site representatives indicated that they are not aware of notices of potential responsibility (potential responsibly party - PRP) for off-site disposal issues. A full PRP review was beyond the scope of ERM's diligence.

3.5.2 Non-Hazardous Waste

Non-hazardous waste generated at the site includes the following:

- Used oil and lube are stored in 55-gallon drums or in one of two used oil AST's and removed from the site for recycling and fuel blending by PSC, a registered waste contractor.
- Residual ash is segregated into top ash (fly ash) and bottom ash from the furnaces and sampled/characterized to confirm that it is not hazardous waste. The fly ash is then temporarily stockpiled onsite in a temporary perimeter berm also utilized as a fire access road. This material is removed from the site by road and construction contractors for use as a concrete additive and road stabilization materials on an as needed basis. The bottom ash is currently removed from the site for use as alternative daily cover (ADC) at a local Imperial County (Allied/Republic) landfill.
- Papers, cans, and bottles are removed from the site on a regular basis by PSC for recycling.
- Sanitary waste solids generated from the treatment of sanitary wastewater, is removed from the site on an as needed basis by a registered waste contractor.

- General trash is stored in a dumpster located next to the office building and is removed on a weekly basis by a registered waste contractor.
- Universal waste, including fluorescent light bulbs, is segregated and removed from the site on an as-needed basis for recycling. Scrap metal is separated when infrequently generated and collected on removed by various contractors on an as-needed basis dependent upon price.

No staining of soils or pavement was noted in the solid waste storage areas. ERM did not observe evidence of solid waste disposal on the subject property.

3.6 Water Supply, Wastewater and Storm Water

3.6.1 Water Supply

Desert View Power operates two on-site water supply wells, which supply process water to the site. The wells are approximately 600 feet in depth, with groundwater extracted from approximately 275 feet below ground surface.

The wells are operated under the terms of the lease agreement, which allows for the removal of up to 640 ac/feet annually.

3.6.2 Wastewater

Wastewater generated at the site is limited to sanitary wastewater, which is not regulated. Sanitary wastewater is treated on-site in an aboveground system, which includes primary and secondary aerobic treatment, and removal of the solids. The treated liquid effluent is separated and used on site for dust suppression after laboratory analysis to confirm effective treatment. The solids are removed from the site as a non-hazardous waste (discussed above).

Process wastewater is limited to boiler condensates, which are recovered and reused in the system process.

3.6.3 Storm Water

Storm water runoff sheet flows across the paved areas of the site and subsequently discharges to unpaved areas of the site. There are no point-source discharges of storm water from the site. Based on ERM's observations, no evidence of impact was identified in storm water drainage pathways.

3.7 Air Emissions

Desert View Power operates the site under a Title V permit to Operate, issued by the Environmental Protection Agency (EPA) Region IX, permit number CB-OP 99-01. The current Title V permit is a flexible type permit allowing the facility to operate under various conditions due to the variations in feedstock and associated optimal operating conditions. As such, the permit to renew including the "option" to add another 23.5 MW of capacity should not endanger the current Title V Permit or operations regardless of whether the facility decides to utilize the option to expand under a new permit. However, the facility will not be able to operate the proposed expansion until such time as the application to renew permit currently under review is approved and a revised permit issued.

Although the site is located on tribal land, beyond the jurisdiction of local, county and state agencies, Desert View Power has voluntarily entered into a Monitoring and Enforcement Agreement with the South Coast Air Quality Management District (SCAQMD), under which the site is regulated as if it were within SCAQMD jurisdiction. The agreement is dated 10 May 1989.

The Title V regulates emissions from the following sources:

- Boilers 1 and 2, both circulating fluidized bed boilers with capacities of 300 MBtu/hr each with a total output of 47 MW. Emissions are controlled through a thermal de-NOx system (including ammonia injection for control of nitrogen oxides NOx), a cyclone and baghouse (for control of particulates), and limestone injection (for sulfur dioxide SO₂ control).
- An 800 horse power biomass grinder engine, with turbocharger and aftercooling.

 Additional sources including: biomass fuel yard; fuel hog; fuel stacker; petroleum coke storage; ash handling; cooling tower; and an emergency generator. Emissions are controlled through enclosure, wind screens and the baghouse.

The Title V permit sets limits on the emissions of SO₂, particulate matter, carbon monoxide (CO), NOx and opacity, and controls the operating parameters and performance factors of in-place emissions control equipment.

According to site representatives, and confirmed through ERM's document review, Desert View Power appears to be operating well below the Title V emissions limits and control equipment operating limits. Record keeping at the site, as required by the permit, was observed to be good, with data readily at hand for inspection with respect to actual emissions (based on annual stack tests and in-place monitoring equipment), required 12-month rolling averages and operating equipment logs. Review of EPA air compliance data confirm annual agency on-site inspections are conducted, do not indicate any violations within the last five years and confirm good compliance record.

3.8 Polychlorinated Biphenyls (PCBs)

ERM examined the subject property for types of equipment that have been historically associated with the use of polychlorinated biphenyls (PCBs) as a dielectric fluid coolant and stabilizer. Some examples of the types of equipment that potentially contain PCBs or PCB-contaminated oil include electrical equipment such as transformers, capacitors, and high voltage liquid filled switches.

ERM identified a number of oil-filled, electrical transformers at the site, all of which have been tested to confirm they are mineral oil cooled and PCB free.

3.9 Visual Indications of On-Site Impacts

ERM did not observe additional evidence, such as staining, stressed vegetation, or similar conditions other than those mentioned above that would constitute a visual indication of on-site impacts.

3.10 Asbestos-Containing Materials

Asbestos was banned in most friable building materials (sprayed applied surfacing materials and thermal system insulation) in 1978, but the Occupational Safety and Health Administration deems spray applied surfacing materials, thermal system insulation materials, and vinyl flooring materials as "presumed asbestos-containing materials" (PACMs) if they are present in pre-1980 buildings (Title 29 of the Code of Federal Regulations, Parts 1910.1001 and 1926.1101).

According to various sources, the site structures and buildings were constructed in 1990 to 1992. Therefore, PACMs were not likely used in building construction and ERM did not observe any obvious evidence of asbestos-containing materials on site. Building materials appeared to be in good physical condition during the site visit. However, only a confirmatory asbestos survey can determine whether the on-site building materials contain asbestos.

4. Site and Area History





4.1 Summary

Based on interviews with site representatives and a review of historical sources, the site was developed for current use from 1989 (completed and operational by 1992), on previously vacant land. Surrounding properties remain vacant or undeveloped, or were developed in the late 1990s from prior vacant land.

4.2 Previous Environmental Reports

A previous Phase I Environmental Site Assessment was provided for ERM to review and further discussed below:

1. Phase I Environmental Site Assessment, prepared by ERM on behalf of Colmac Energy, Inc. October 2010

No significant changes were identified and no RECs were identified on the 2010 report. The prior report reviewed by ERM is included in Appendix C of this report.

4.3 Evaluation of Historic Information Sources

To determine past uses of the subject property and surrounding properties, ERM reviewed historical sources of information as outlined below. Copies of historical resources are presented in Appendix B.

Table 4.3 Summary of Historical Sources Reviewed

		Years Reviewed (if applicable)	
Agency/Source of Information	Data Provided	Subject Property	Adjacent Properties
Mr. Kit Blessing, the supervisor of Desert View Power and Mr. Russell Huffman, the General Manager of Greenleaf Power were interviewed during the site inspection.	General information	2010 to present	2010 to present
Interview(s) with past owners/occupants, (if appropriate)	Not Applicable	Not Applicable	Not Applicable
Interview(s) with owner/occupants of neighboring and nearby properties (in cases of abandoned subject property)	Not Applicable	Not Applicable	Not Applicable
EDR	Topographic Maps	1904, 1947, 1955 and 1972	1904, 1947, 1955 and 1972
EDR	Sanborn Fire Insurance Maps	No Coverage	No Coverage
EDR	City Directories	Not Available	Not Available
EDR	Aerial Photographs	1953, 1959, 1984, 1996, 2002 and 2005	1953, 1959, 1984, 1996, 2002 and 2005

4.3.1 Subject Property

The site was unoccupied land, likely undeveloped desert scrub, until commencement of the development of the site with the current power plant in 1989. Construction was completed, and the power plant fully on line by 1992. According to site representatives, there have been no significant changes in operations since 1992. Topographic maps back to 1904 indicate that the site has been tribal land since at least 1904 ("Indian Reservation").

Year	Chronological Chart of Historical Site Use
1904-1989	According to numerous topographic photographs and plat maps, the subject property was developed tribal lands ("Indian Reservation").
1989-2012	According to the 2010 Phase I ESA and information from the site representative, commencement of the current power plant began in 1989. Construction of the power plant was completed in 1992 and has been running since then.
Present	Observations made at the time of ERM's site inspection are discussed throughout this report.

4.3.1.1 Discontinued Operations

According to site representatives, there have been no significant changes in operations since 1992.

4.3.2 Adjacent Properties and Surrounding Area

The development history of the adjacent properties is generally consistent with that of the subject property. The southern Pacific Railroad and a road along the current route of Highway 111 were constructed by 1904. By 1947 the current street system to the east of the site beyond the railroad and highway had been constructed, with scattered residential properties, largely as current. The non-HVL underground pipeline is located north of the site and is apparent from 1953. By the early 1980s an industrial building was constructed approximately 0.25 mile southwest of the site and by 1996 a small industrial building was constructed north of the site. No apparent impact concerns have been identified associated with historical neighboring property use.

4.3.3 Non-Regulatory Interviews

Information obtained through interviews with Mr. Kit Blessing, the supervisor and environmental manager of the Desert View Power Facility and Mr. Russell Huffman, the General Manager of Greenleaf Power were interviewed, is discussed in the applicable sections throughout this report.

5. Database and Government Records Review





5.1 Government Records Review/Interviews

ERM requested information from various agencies that were expected to have useful records relating to the Subject Property. The complete list of agency sources contacted is included in Section 11. Relevant government record reviews/interviews are summarized in the table below.

Table 5.1 Government Records Summary

Agency	Information Summary
EPA ECHO on-line database	Data back to 1990
City Clerk's Office	ERM submitted a FOIA request to the Coachella City Clerk's Office to review records (if any) of septic systems, wells, or environmental violations concerning the Subject Property. A FOIA response has not been received by ERM as of the date of this report. Upon receipt, ERM will forward the requested information to the client if such information changes the findings and conclusions of this report.
Riverside County Department of Health (RCDEH)	ERM submitted a FOIA request to the RCDEH to review records (if any) of septic systems, wells, or environmental violations concerning the Subject Property. A FOIA response has not been received by ERM as of the date of this report. Upon receipt, ERM will forward the requested information to the client if such information changes the findings and conclusions of this report.
Riverside County Waste Management Department (RCWMD)	ERM submitted a FOIA request to the RCWMD to review records (if any) of septic systems, wells, or environmental violations concerning the Subject Property. A FOIA response has not been received by ERM as of the date of this report. Upon receipt, ERM will forward the requested information to the client if such information changes the findings and conclusions of this report.
Riverside County Fire Department (RCFD)	ERM submitted a FOIA request to the RCFD to review records (if any) of septic systems, wells, or environmental violations concerning the Subject Property. A FOIA response has not been received by ERM as of the date of this report. Upon receipt, ERM will forward the requested information to the client if such information changes the findings and conclusions of this report.
Riverside County Clerk's Office	ERM submitted a FOIA request to the Riverside County Clerk's Office to review records (if any) of septic systems, wells, or environmental violations concerning the Subject Property. A FOIA response has not been received by ERM as of the date of this report. Upon receipt, ERM will forward the requested information to the client if such information changes the findings and conclusions of this report.
Regional Water Quality Control Board (RWQCB)	ERM submitted a FOIA request to the RWQCB to review records (if any) of septic systems, wells, or environmental violations concerning the Subject Property. A FOIA response has not been received by ERM as of the date of this report. Upon receipt, ERM will forward the requested information to the client if such information changes the findings and conclusions of this report.

5.2 Environmental Database Search

ERM contracted EDR to conduct a database search for agency records. The database report, presented in Appendix E, defines and summarizes the ASTM databases reviewed in the EDR report and notes if any sites (including the subject property) were identified in the specified radius. The locations of the sites identified in the EDR report were evaluated to determine which sites were located within the ASTM specified search distance from the subject property boundary. Only those sites worthy of further discussion are discussed below and data on additional sites is in the appended EDR database report.

It should be noted that the computerized geocoding technology used in the database search is based on available census data and is only accurate to approximately ±300 feet. The EDR report provides a list of unmapped sites for which inadequate location information was provided. ERM has reviewed the list of "unmapped" sites to determine if these sites are within the study radius. If the "unmapped" sites appeared likely to be within the search radius for a specific database, they are discussed in the sections that follow.

Based on maps of the area, the required database search radius for a given database, and the site reconnaissance, it appears that none of the unmapped sites are within the designated search distances for each database.

Sites identified within the study radii were evaluated to determine if they are likely to have adversely impacted the subject property. The criteria used to evaluate the potential for adverse impact to the subject property include:

- distance from the subject property,
- expected depth and direction of groundwater and surface water flow,
- Geology and physical ground conditions,
- expected storm water flow direction, and
- the presence/absence of documented contaminant releases at the identified sites that have not been remedied to the satisfaction of regulators.

The identification of a site as potentially upgradient or downgradient is based on the expected direction of groundwater flow to the northwest.

5.2.1 Subject Property

Colmac, the former operator of the site is listed on the following databases:

- As a spills, leaks, investigation and cleanup (SLIC) site; in association with a 2004 air emissions reporting noncompliance (resolved at the time, and not indicative of a release that has the potential to result in impact to onsite soil and groundwater);
- As a SQG of hazardous waste, as discussed in Section 3.5.1.
- On the emissions inventory database US AIRS in association with regulated air emissions;
- On the HAZNET database, associated with county reporting of hazardous waste generation, at the site, although not a federal requirement. Hazardous waste generation is discussed in Section 3.5.1.

The subject property was not identified in any additional databases searched.

5.2.2 Surrounding Properties

When evaluating the potential adverse impacts of off-site properties, the properties are not expected to have adversely impacted the subject property because: (1) the case has been closed to the satisfaction of regulators, (2) they are located down-gradient of the subject property relative to the reported ground water flow direction to the west, or (3) they are not located within a distance to the subject property that is likely to have an adverse impact.

ERM has not identified surrounding properties listed on the environmental database report with a reasonable potential to impact the subject site.

6. ASTM Definitions and Requirements





6.1 Discussion of ASTM definitions

A Recognized Environmental Condition (REC), as defined in ASTM E 1527-05, is "The presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property...The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

A *Historical REC* is defined as "...an environmental condition which in the past would have been considered a recognized environmental condition, but may or may not be considered a recognized environmental condition currently."

A *de minimis condition* is defined as issues which are not considered a REC and "...generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

A *data gap* is defined as the "lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.). The report shall identify and comment on significant data gaps that affect the ability of the EP to identify recognized environmental conditions and identify the sources of information that were consulted to address the data gaps."

A data failure occurs "when all of the standard historical sources that are reasonably ascertainable [within the User-prescribed timeframe] and likely to be useful have been reviewed and yet the objectives have not been met. Data failure is not uncommon in trying to identify the use of the property at five year intervals back to first use or 1940 (whichever is earlier). Notwithstanding a data failure, standard historical sources may be excluded if: (1) the sources are not reasonably ascertainable, or (2) if past experience indicates that the sources are not likely to be sufficiently useful, accurate, or complete in terms of satisfying the objectives."

The *User* of the report is defined as "...the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager."

6.2 Data Gaps

The following table summarizes the data gaps identified during the site assessment. Significance to identifying conditions indicative of releases or threatened releases to the subject property is rated from low to high.

Table 6.2 Data Gap Summary

Data Gap / Failure	Sources Consulted to Address Data Gap	Significance
At the direction of Client, an environmental lien search was not conducted as part of this assessment	Interviews with site personnel familiar with the subject property, tax records, historical topographic maps, aerial photos, and city directories.	Low

6.3 User Provided Information

ERM contacted the User with respect to the following information:

- An evaluation of the presence of Environmental Cleanup Liens for the subject property;
- Activity and Use Limitations such as engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place for the subject property;
- Specialized Knowledge that includes personal knowledge or experience related to the subject property or nearby properties based on professional experience or knowledge of the subject property;
- Fair Market Value to evaluate whether a purchase price is significantly below Fair Market Value;
- Obvious Indicators that involve past or present spills, stains, releases, cleanups on or near the subject property;
- Common Knowledge about specific chemicals, possible contamination, or past use of the subject property and surrounding area.

The User Questionnaire for Phase I ESA (User Questionnaire) was completed by Desert View Power and is included in Appendix D.

Table 6.3 User- Provided Information

User Request	Response
Environmental Cleanup Liens	A search for environmental liens was not conducted by the User.
Activity Use Limitations and land use restrictions or institutional controls	The User is not aware of any activity use limitations concerning the subject property.
Specialized Knowledge	The User is not aware of any specialized knowledge concerning the subject property.
Fair Market Value	The User has indicated that the purchase price of the subject property is not below fair market value due to environmental issues.
Obvious Indicators that involve past or present spills, stains, releases or cleanups	The User is not aware of any past or present spills, stains, releases, or cleanups concerning the subject property.
Common Knowledge about specific chemicals, possible contamination, or past use	Information and documentation, including previous environmental investigations, was provided to ERM and is presented throughout the relevant report sections and appendices.

6.4 Reason for Performing Phase I

This Phase I ESA has been performed to identify potential environmental liability issues of the subject property and to provide technical assistance to Client in relation to a potential transaction involving the subject property.

7. Conclusions





ERM conducted a Phase I ESA at the subject property. Our conclusions and opinions are based on a scope of work that followed the requirements set forth in ASTM Standard E 1527-05 and 40 CFR 312. A summary of ERM's conclusions and opinions are presented below.

Based on the data obtained during the site visit, the environmental database review, and interviews with persons familiar with the site and its history, the following environmental conditions were identified at the subject property:

7.1 Recognized Environmental Conditions

No RECs were identified in connection with the subject property.

Historical Recognized Environmental Conditions

No HRECs were identified in connection with the subject property.

7.2 Other Potential Environmental Issues

No other potential environmental issues were identified as part of this assessment.

8. Qualifications of Environmental Professional





This assessment was conducted by Mr. Kevin Bryan of ERM. Mr. Mathew Aigner and Mr. Gregory Merritt of ERM reviewed the contents of this report. The professional qualifications for Mr. Bryan, Mr. Aigner and Mr. Merritt are included in Appendix F. The signatures for Mr. Merritt, Mr. Aigner and Mr. Bryan are affixed onto the cover of this report. Mr. Merritt is the designated Environmental Professional for this project and prepared the following declaration.

- I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.
- I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

9. Limitations





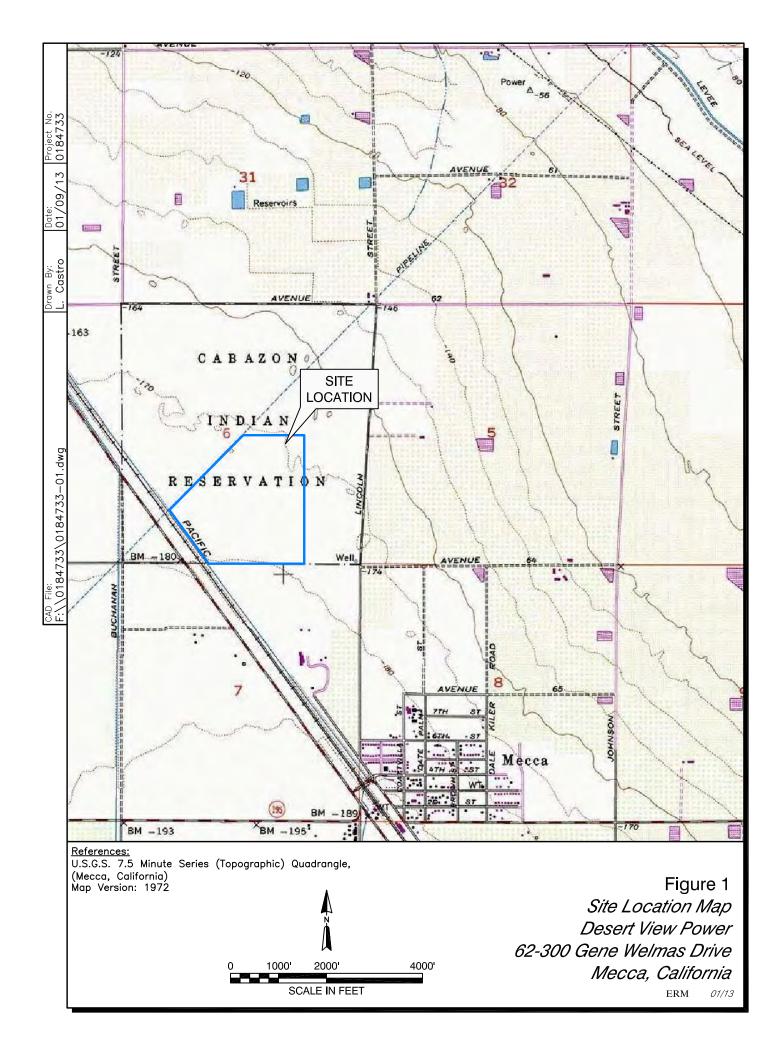
The innocent landowner, contiguous owner, and prospective purchaser defenses to liability under CERCLA require that a person acquiring property conduct an all appropriate inquiry with respect to the subject property. ERM has conducted this environmental assessment in accordance with the standards for conducting an all appropriate inquiry set forth at 40 CFR. Part 312. Those standards require the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations and exercise of discretion. Professional judgments expressed herein are based on the facts currently available within the limits of the existing data, and data gaps identified herein, scope of work, budget, and schedule. Those standards also require that the client undertake certain additional inquiries. In addition, the liability defenses under CERCLA require, among several other things, that the client after the acquisition stop any continuing releases, prevent any future threatened releases and prevent or limit human, environmental or natural resource exposure to any hazardous substance released at the subject property. Therefore, ERM makes no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose, including any warranty that this Phase I assessment will in fact qualify client for the innocent landowner, contiguous property owner or prospective purchaser defense to liability under CERCLA. ERM's assessment is limited strictly to identifying recognized environmental conditions associated with the subject property. Results of this assessment are based upon the visual site inspection of readily accessible areas of the subject property conducted by ERM personnel, information from interviews with knowledgeable persons regarding the site, information reviewed regarding historical uses, information provided by contacted regulatory agencies, and review of publicly available and practically reviewable information identifying current and historical uses of the property and surrounding properties. All conclusions and recommendations regarding the subject property represent the professional opinions of the ERM personnel involved with the project, and the results of this report should not be considered a legal interpretation of existing environmental regulations. ERM assumes no responsibility or liability for errors in the public data utilized, statements from sources outside of ERM, or developments resulting from situations outside the scope of this project. We make no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose.

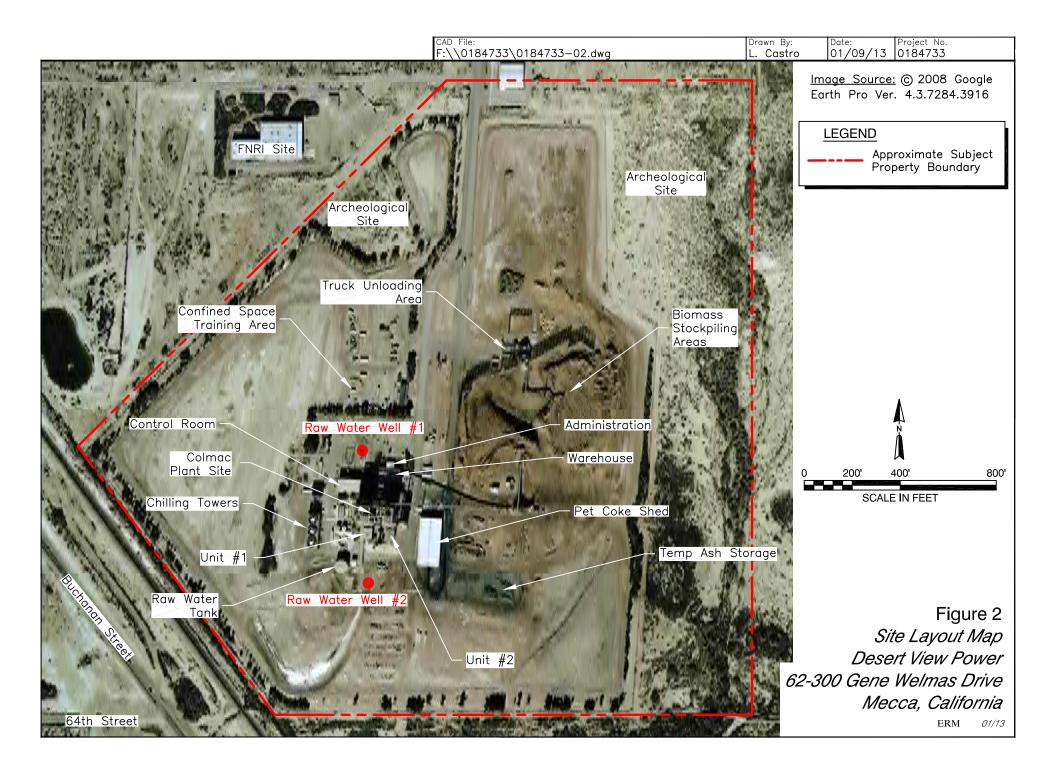
This Phase I ESA was prepared for Desert View Power, Inc. ("Client") and its lenders (including CoBank, ACB) and their respective participants in connection with that certain \$40.1 million term loan and letter of credit senior debt financing (collectively, the "Lenders") for their sole use and reliance. Any reliance by the Lenders of this report is subject to all conditions, assumptions, and exclusions contained in this report. Further, any use of, or reliance upon, this report by the Lenders shall constitute the Lenders' acceptance of the conditions, assumptions, and exclusion noted in this report. Reliance on this report by any other person(s) or entity(ies) is strictly at their own risk, and ERM makes no warranties to person(s) or entity(ies) other than the Client and the Lenders who will use the information provided in this report. If other person(s) or entity(ies) wish to rely upon this report (i.e., other lenders, insurance companies, or other parties to a transaction), ERM will require that such parties agree to our contact terms in writing.

Figures









Appendix ASite Photographs







Main plant looking south from entrance to facility

ERM

Desert View Power Mecca, California



Trucks containing biomass awaiting unloading at ramps.

Photograph #2

ERM



Truck unloading biomass at ramp area looking east.

Photograph #3

ERM

Desert View Power Mecca, California



Wind screens at feedstock stockpile area looking northeast.

Desert View Power **ERM** Photograph #4 Mecca, California



Feedstock conveyor belt system looking east

ERM

Desert View Power Mecca, California



 $Conveyor\ entering\ main\ facility\ looking\ southwest.$

Photograph #6

ERM



Fly and bottom ash stockpiled pending lab results.

ERM

Desert View Power Mecca, California



Water truck used for dust suppression on site.

Photograph #8

ERM



Storage barn looking north.

ERM

Desert View Power Mecca, California



Anhydrous ammonia storage tank (AST).

Photograph #10

ERM



Chemical Storage on secondary containment pallets in process mixing area.

ERM

Desert View Power Mecca, California



Main water storage tank looking south.

Photograph #12

 \mathbf{ERM}



Used oil storae area looking east.

ERM

Desert View Power Mecca, California



 $Chilling\ towers\ looking\ northeast.$

Photograph #14

ERM



Good housekeeping and signage located on north side of main facility.

ERM

Desert View Power Mecca, California



Water quality testing laboratory located in main facility 2nd floor.

Photograph #16

ERM



Main transformer area looking east along north side of main facility.

ERM

Desert View Power Mecca, California



Main power transmission equipment north side of main facility.

Photograph #18

ERM



Good housekeeping and material storage in maintenance area.

Photograph #19

ERM

Desert View Power Mecca, California



 $Scrap\ materials\ awaiting\ recycling\ in\ boneyard\ looking\ east$

Photograph #20

ERM

Desert View Power Mecca, California



Former ASTs rinsed and awaiting disposal in scrap yard looking south.

Photograph #21

ERM

Desert View Power Mecca, California



Confined space entry training area looking east

Photograph #22

ERM

Desert View Power Mecca, California

Appendix BHistorical Sources





Colmac Energy, Inc.

62-300 Gene Welmas Drive Mecca, CA 92274

Inquiry Number: 2857330.3

August 27, 2010

Certified Sanborn® Map Report



Certified Sanborn® Map Report

8/27/10

Site Name: Client Name:

Colmac Energy, Inc. 62-300 Gene Welmas Drive Mecca. CA 92274 ERM - West, Inc. 2875 Michelle Drive Irvine, CA 92606

EDR Inquiry # 2857330.3 Contact: Kevin Bryan



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by ERM - West, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Colmac Energy, Inc.

Address: 62-300 Gene Welmas Drive

City, State, Zip: Mecca, CA 92274

Cross Street:

P.O. # 0121403.02

Project: Comac Energy PH Certification # 555F-40B3-B1B5



Sanborn® Library search results Certification # 555F-40B3-B1B5

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of Congress

✓ University Publications of America

▼ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Colmac Energy, Inc.

62-300 Gene Welmas Drive Mecca, CA 92274

Inquiry Number: 2857330.5

September 01, 2010

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography September 01, 2010

Target Property:

62-300 Gene Welmas Drive Mecca, CA 92274

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1953	Aerial Photograph. Scale: 1"=555'	Flight Year: 1953	Pacific Air
1959	Aerial Photograph. Scale: 1"=555'	Flight Year: 1959	Robinson
1984	Aerial Photograph. Scale: 1"=690'	Flight Year: 1984	USGS
1996	Aerial Photograph. Scale: 1"=666'	Flight Year: 1996	USGS
2002	Aerial Photograph. Scale: 1"=666'	Flight Year: 2002	USGS
2005	Aerial Photograph. Scale: 1"=604'	Flight Year: 2005	EDR









Colmac Energy, Inc.

62-300 Gene Welmas Drive Mecca, CA 92274

Inquiry Number: 2857330.5

September 01, 2010

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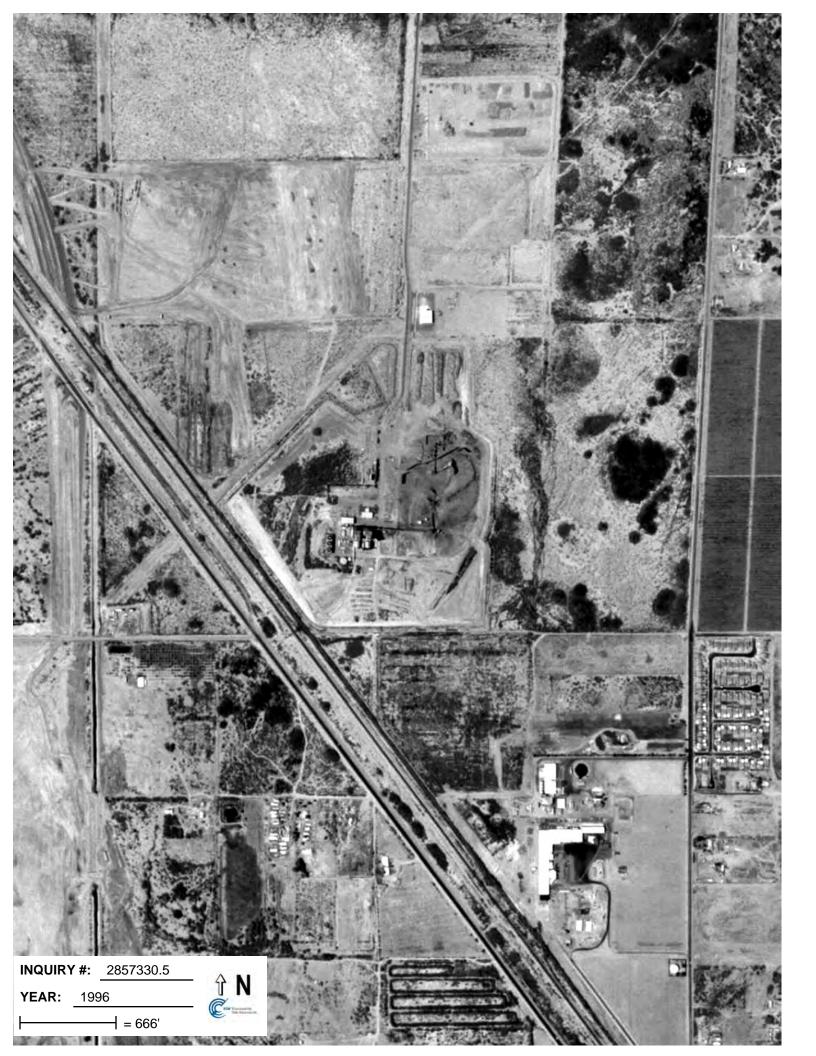
62-300 Gene Welmas Drive Mecca, CA 92274

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2005	Aerial Photograph. Scale: 1"=604'	Flight Year: 2005	EDR













Colmac Energy, Inc.

62-300 Gene Welmas Drive Mecca, CA 92274

Inquiry Number: 2857330.4

August 30, 2010

EDR Historical Topographic Map Report



EDR Historical Topographic Map Report

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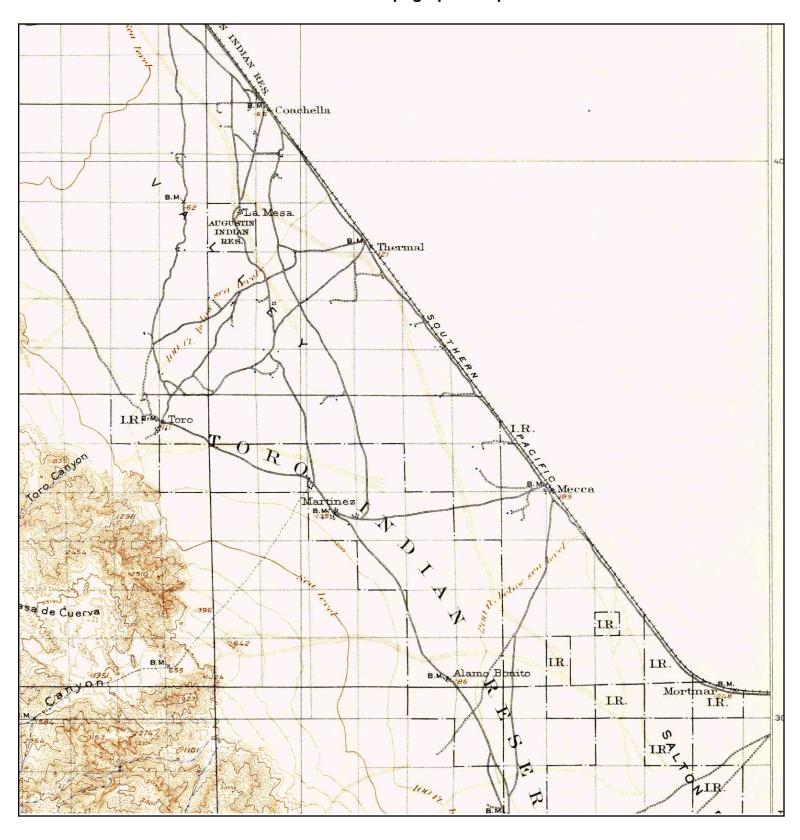
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TARGET QUAD NAME: INDIO MAP YEAR: 1904

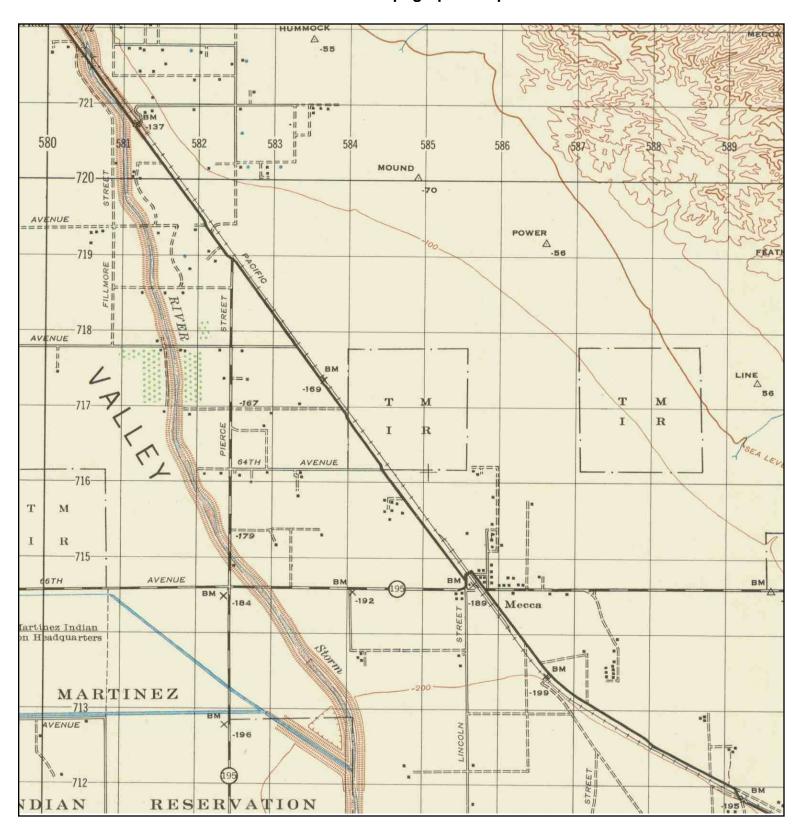
SERIES: 30

SCALE: 1:125000

SITE NAME: Colmac Energy, Inc.

ADDRESS: 62-300 Gene Welmas Drive

Mecca, CA 92274 LAT/LONG: 33.5897 / -116.0874 CLIENT: ERM - West, Inc. CONTACT: Kevin Bryan INQUIRY#: 2857330.4





TARGET QUAD

NAME: COACHELLA

MAP YEAR: 1947

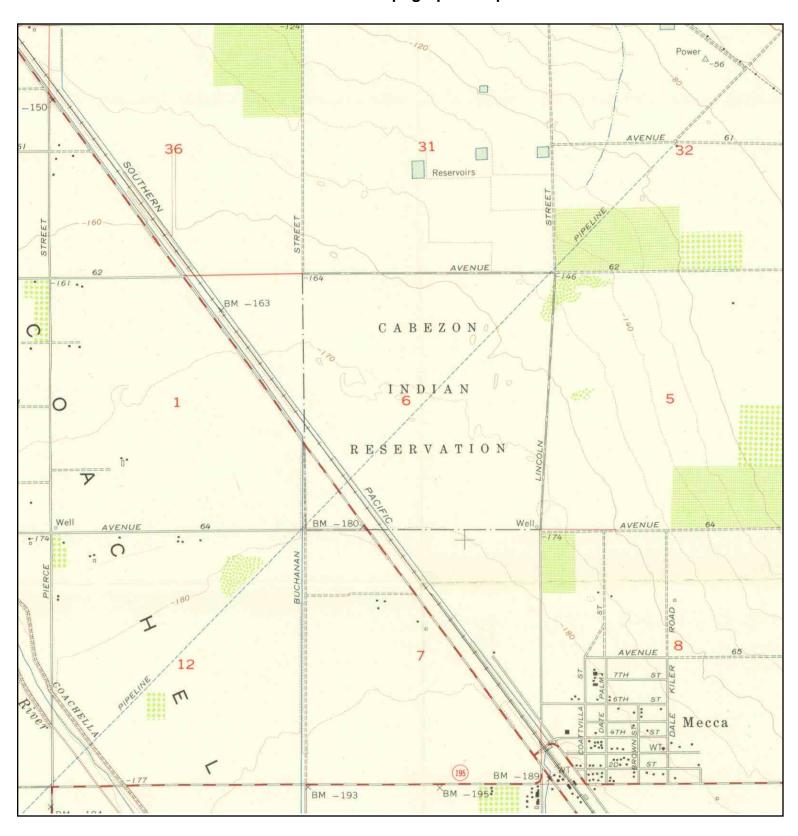
SERIES: 15 SCALE: 1:50000 SITE NAME: Colmac Energy, Inc.

ADDRESS: 62-300 Gene Welmas Drive

Mecca, CA 92274

LAT/LONG: 33.5897 / -116.0874

CLIENT: ERM - West, Inc. CONTACT: Kevin Bryan INQUIRY#: 2857330.4





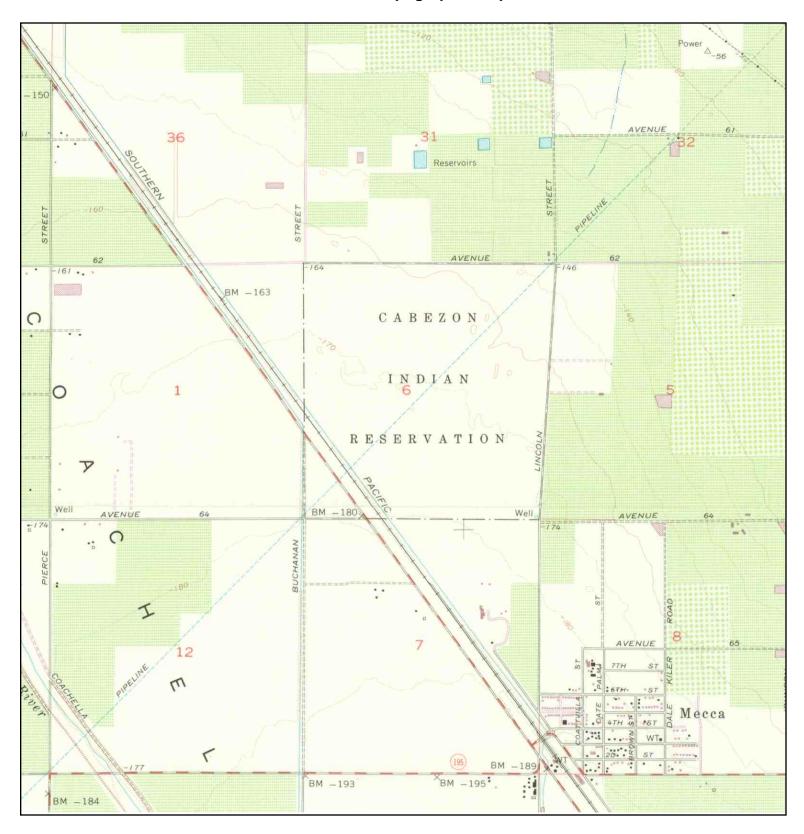
TARGET QUAD NAME: MECCA

MAP YEAR: 1955

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Colmac Energy, Inc.

ADDRESS: 62-300 Gene Welmas Drive

Mecca, CA 92274 LAT/LONG: 33.5897 / -116.0874 CLIENT: ERM - West, Inc. CONTACT: Kevin Bryan INQUIRY#: 2857330.4



N TARGET QUAD NAME: MECCA MAP YEAR: 1972

MAP YEAR: 1972 PHOTOREVISED:1955

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Colmac Energy, Inc.

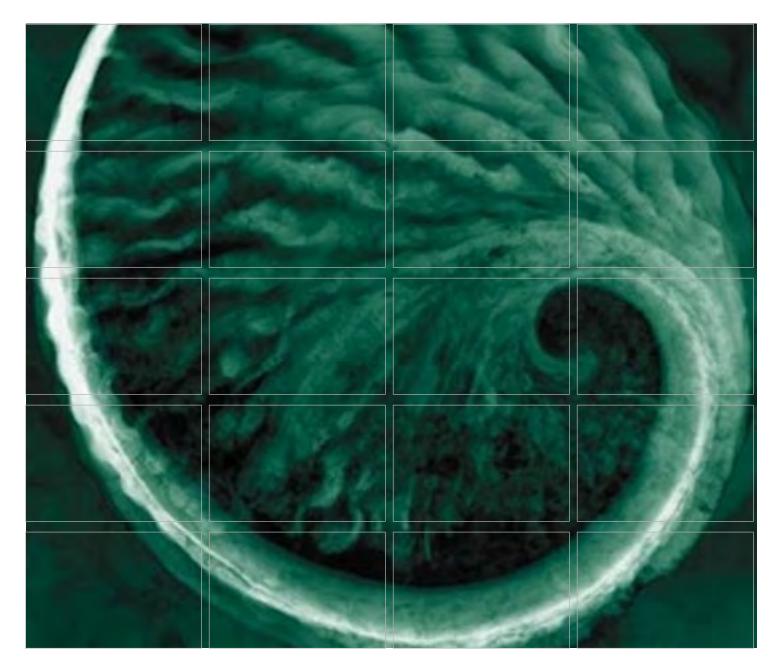
ADDRESS: 62-300 Gene Welmas Drive

Mecca, CA 92274 LAT/LONG: 33.5897 / -116.0874 CLIENT: ERM - West, Inc.
CONTACT: Kevin Bryan
INQUIRY#: 2857330.4

Appendix CPrior Environmental Reports







Phase I Environmental Site Assessment and Limited Environmental Regulatory Compliance Review

Colmac Energy, Inc,

October 2010

www.erm.com

Phase I Environmental Site Assessment and Limited Environmental Regulatory Compliance Review Colmac Energy, Inc. 62-300 Gene Welmas Drive Mecca, California

Project Number 0121403

October 2010

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EXECUTIVE SUMMARY

Environmental Resources Management, Inc. (ERM) completed a Phase I Environmental Site Assessment (ESA) and a Limited Environmental Regulatory Compliance Review (LERCR) of Colmac Energy, Inc. (Colmac) located at 62-300 Gene Welmas Drive, Mecca, Riverside County, California (the "site" or "subject property"). The Phase I ESA and LERCR were performed to provide technical assistance to Recycled Energy Development LLC ("Client"). The site visit was performed on August 26, 2010 by ERM assessors Mr. Kevin Bryan and Mr. Andrew Martin of ERM's Irvine, California office. ERM interviewed, and was accompanied on the site visit by Mr. Graeme Donaldson, Vice President, of Colmac.

The 103.8-acre subject property is developed with the main power plant in the central-southern portion of the site. A paved access road runs north-south from the power plant to the northern site boundary. The remaining portions of the site are unpaved and used for temporary stock piling and handling of raw materials (described below) and furnace top (fly-ash) and bottom ash (shipped off site for various beneficial re-uses). A truck scale and two driver operated truck dumps are located immediately to the northeast of the power plant complex.

Colmac operates a 47-megawatt (MW) biomass-fueled electric power plant on the site. Electricity generated on-site is sold to Southern California Edison (SCE) under the terms of a 30-year contract. The power plant essentially combusts biomass to generate heat, which is used to generate super-heated steam to turn turbines and generate electricity. Ancillary operations at the site include administrative functions and a confined space entry training facility, which Colmac operates for the benefit of local law enforcement and emergency services.

The site was undeveloped desert scrub, until commencement of the development of the site with the current power plant configuration in 1989. Construction was completed, and the power plant fully on line by 1992. According to site representatives, there have been no significant changes in operations since 1992. Topographic maps dated back to 1904 indicate that the site has always been described as tribal land ("Indian Reservation").

The development history of the adjacent properties is generally consistent with that of the subject property. The Southern Pacific Railroad and a road along the current route of Highway 111, were constructed by 1904. By 1947 the current street system to the east of the site beyond the railroad and highway had been constructed, with scattered residential (farm related) properties, largely as current. An underground pipeline (described by the National Pipeline Mapping System as a non-highly volatile liquid (non-HVL) pipeline) is located north of the site and is apparent in aerial photographs from 1953. By the early 1980s an industrial building was constructed approximately 0.25 mile southwest of the site and by 1996 a small industrial building was constructed north of the site. No apparent environmental impact concerns have been identified associated with historical neighboring property use.

Recognized Environmental Conditions

The ASTM Standard E1527-05 defines a Recognized Environmental Condition (REC) as "the presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property, excluding de minimis conditions."

Based on the information obtained during the site visit, the environmental database review, and interviews with persons familiar with the site, ERM has not identified any RECs in connection with the subject property.

Historical Recognized Environmental Conditions

The ASTM Standard E1527-05 defines a historical REC as an "Environmental condition which in the past would have been considered a recognized environmental condition, but may or may not be considered a recognized environmental condition currently."

Based on the information obtained during the site visit, the environmental database review, and interviews with persons familiar with the site, ERM did not identify any historical RECs in connection with the subject property.

Environmental, Health and Safety Compliance Issues

Based on the information obtained during the site visit, the environmental database review, and interviews with persons familiar with the site, the following environmental compliance issues concerning the subject property were identified:

- Chemical Reporting: Based on the types and quantities of materials ERM observed during the site visit, Tier II reporting appears to be triggered. ERM observed materials in excess of the Tier II reporting thresholds, including (but not necessarily limited to) the following: ammonia; fly ash; sodium hypochlorate; limestone powder; diesel; and potentially various oils. In addition, Form R reporting is required for the use of at least chlorine and ammonia for years when applicable reporting thresholds have been exceeded. Back reporting for all applicable years will be required. According to Mr. Donaldson, Tier II and Form R reporting are not currently conducted at the site.
- Spill Prevention Control and Countermeasures (SPCC): SPCC Plans are required to be prepared by facilities that store, transport, handle, use, or consume oil and could reasonably be expected to discharge oil in harmful quantities into navigable waters of the U.S., unless storage capacity is below a total of 1,320 gallons of aboveground storage (containers of less than 55 gallons are excluded from the total). The total volume of oil on-site exceeds 1,320 gallons. As such, SPCC regulation appears to be triggered. According to site representatives Colmac does not maintain an SPCC Plan for the site.
- Risk Management Plan (RMP): Colmac maintains a RMP for the storage of ammonia and chlorine at the site in accordance with federal regulations. However, the RMP is dated April 2004 and does not appear to have been updated since that time. RMP regulation requires the plan be reviewed and updated every five years.

Although not a current compliance issue, the following potentially material noteworthy regulatory issue was identified:

Proposed Revised Boiler MACT: ERM notes that a proposed new Boiler MACT (Maximum Achievable Control Technology) rule is currently in public comment and is expected to come into force within the next 12 to 18 months. The proposed rule includes more stringent standards for particulate matter and carbon monoxide (both currently being achieved by the site), and certain hazardous air pollutants, including mercury, dioxin and hydrogen chloride. Site representatives indicated that Colmac is currently tracking progress of the MACT, although at this stage, the cost implications of the revised MACT and required additional emissions controls have not been fully determined. Based on ERM's review and general biomass industry commentary on the Boiler MACT, additional emissions control technologies to meet the new rule have the potential to be very significant. Further detailed review would be required to derive appropriate cost estimates for the subject site.

1.0 INTRODUCTION AND BACKGROUND

1.1 PURPOSE AND AUDITORS

Environmental Resources Management, Inc. (ERM) completed a Phase I Environmental Site Assessment (ESA) and a Limited Environmental Regulatory Compliance Review (LERCR) of Colmac Energy, Inc. (Colmac) located at 62-300 Gene Welmas Drive, Mecca, Riverside County, California (the "site" or "subject property"). The Phase I ESA and LERCR were performed to provide technical assistance to Recycled Energy Development LLC ("Client").

The site visit was performed on August 26, 2010 by ERM assessors Mr. Kevin Bryan (Environmental) and Mr. Andrew Martin (Health and Safety) of ERM's Irvine, California office. ERM interviewed, and was accompanied during the entire duration of the site visit by Mr. Graeme Donaldson, Vice President, of Colmac.

1.2 SCOPE OF WORK

The Phase I ESA was conducted in conformance with ERM's proposal dated August 11, 2010, and with the requirements of American Society for Testing and Materials (ASTM) Standard E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and the standards for conducting all appropriate inquiries set forth by the United States Environmental Protection Agency (USEPA) at 40 Code of Federal Regulations (CFR) Part 312.

The Phase I ESA was conducted to evaluate and identify conditions indicative of releases and threatened releases of hazardous substances and petroleum products on, at, in or to the subject property. ERM's ESA sought to gather information regarding: (1) current and past property users and occupancies; (2) current and past users of hazardous substances and petroleum products; (3) waste management and disposal activities that could have caused a release or threatened release of hazardous substances; (4) current and past corrective actions and response activities to address past and on-going releases of hazardous substances at the subject property; (5) engineering controls at the subject property; (6) institutional controls at the subject property; and (7) properties adjoining or located near the subject property that have environmental conditions that could have resulted in conditions indicative of releases or threatened releases of hazardous substances to the subject property.

ERM's ESA included:

- An on-site examination of the subject property to evaluate current conditions and identify areas of potential concern;
- A review of subject property history through interviews and aerial photographs, city directories, ownership records, and historical mapping;
- Observation of adjacent properties and the local area to evaluate the potential for adverse environmental impact to the subject property; and
- Interviews/research of local city/county, tribal, state, and federal records, including contracting of Environmental Data Resources, Inc. (EDR) to identify sites of concern as required in the regulatory records review section of the ASTM standards for a Phase I ESA, where available.

In addition, the following non-ASTM scope items were included:

- A preliminary building asbestos assessment that included visible observations of readily accessible building areas, though no sampling was conducted;
- A LECR; and
- A limited health and safety compliance review.

ERM adopted a materiality threshold of \$50,000 for its LECR and health & safety compliance review. Photographs of the site taken by ERM during the site visit are provided in Appendix A.

1.3 LIMITING AND SPECIAL CONDITIONS

1.3.1 Limiting Conditions

No significant limitations were encountered during the site visit.

1.3.2 Significant Assumptions

No significant assumptions have been made.

2.0 SITE SETTING

2.1 LOCATION

The site is located at 62-300 Gene Welmas Drive, Mecca, Riverside County, California on tribal land owned by the Cabazon Band of Mission Indians (CBMI). The site itself is leased from the CBMI under a lease approved by the Bureau of Indian Affairs (BIA), which expires during 2031. The location of the subject property and the physiographic features of the surrounding area are shown on Figure 1, developed from the United States Geological Survey (USGS) 7.5-minute quadrangle for Mecca, California, dated 1972.

2.2 NEIGHBORING PROPERTIES

Land use in the vicinity of the site is primarily vacant desert scrub. The abutting properties and nearby land uses include:

- North: Vacant desert scrub and Western Environmental, a nonhazardous materials recycling business. A small Indian-owned used-tire processing business is also located to the north of the Colmac facility known as First Nation Recovery, Inc. An underground pipeline (described by the National Pipeline Mapping System as a non-highly volatile liquid (non-HVL) pipeline) is located north of the site.
- East: Desert scrub.
- South: Desert Scrub, a railroad and Highway 111 (which runs northwest-southeast in the immediate vicinity of the site.
- West: The railroad and Highway 111, beyond which are desert scrub and a fruit orchard.

The closest residences are located 0.3 mile east-southeast of the site. None of the above referenced facilities are listed on the appended environmental database report reviewed by ERM.

2.3 TOPOGRAPHY AND HYDROLOGY

The site is located at an approximate elevation of 120 feet below mean sea level (BMSL). The site and surrounding properties are flat and near level, with a gentle slop down to the south.

According to the environmental database report, the site is not located within the 100-year or 500-year flood zones. Colmac personnel reported no occurrences of flooding at the site. The environmental database report indicates that there are no federally designated wetlands located at the Site. No areas of the site observed by ERM exhibited wetland-like conditions (such as common wetland vegetation).

2.4 GEOLOGY AND HYDROGEOLOGY

ERM obtained local geological and hydrological information from on-line United States Geological Survey (USGS) resources.

The site is located in the Coachella Valley, an alluviated lowland that extends southeastward from the San Gorgonio Pass region to the north end of the Salton Sea. The lowland is traversed by multiple strands of the San Andreas fault, and is punctuated by localized compressional squeeze-ups that form dome-shaped hills of uplifted sand and gravel. Geology underlying the site is composed of over 700 feet of alluvial deposits composed of interbedded silt, sand and gravel.

Based on surface topography and regional groundwater studies in the Coachella Valley, groundwater is on the order of 250 feet below ground surface in the site area, with a general southerly flow. Perched groundwater may exist locally at shallower depth, as well as during wetter periods, associated with local washes and ephemeral storm water flow.

It is important to note that groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells. Confirmation of specific geologic and hydrogeologic factors affecting groundwater flow beneath the Subject Property is beyond the scope of this ESA.

3.0 SITE AND OPERATIONS INFORMATION

3.1 GENERAL SITE DESCRIPTION

Tribal records and the site's lease indicate the site is composed of a single 103.8-acre parcel of tribal land. The subject property is not recorded on Riverside County records and is located with the tribal lands of the CBMI. A Site Layout and Area Map is provided as Figure 2.

The 103.8-acre subject property is developed with the main power plant in the central-southern portion of the site. A paved access road runs north-south from the power plant to the northern site boundary. The remaining portions of the site are unpaved and used for stock piling of raw materials (described below) and furnace fly ash (shipped off site for various beneficial re-uses). A truck scale and two truck dumps are located northeast of the power plant complex.

3.2 UTILITIES

Electricity is self generated and The Gas Company provides natural gas supply (used infrequently for furnace start up only). Process water is provided by two on-site wells, both 600 feet in depth with groundwater at 275 feet below ground surface. Potable water is provided from bottled sources.

Sanitary wastewater is stored in aboveground tanks, as discussed further, below.

3.3 PROCESSES AND MATERIAL USE

3.3.1 *Current Operations*

Colmac operates a 47-megawatt (MW) biomass-fueled electric power plant on the site. Electricity generated on site is sold to Southern California Edison (SCE) under the terms of a 30-year contract.

The power plant essentially combusts biomass to generate heat, which is used to generate super-heated steam to turn turbines and generate electricity. The general process is summarized as follows:

- Biomass is transported to the site by truck and is composed of landfill-diverted wood waste, manufacturing and construction wood wastes, landscape and right-of-way trimmings, used pallets, used boxes and other wood.
- The biomass is screened and graded, and transported by a conveyor belt system to day-silos. The mix is fed to a furnace for combustion where it is combined with up to 15% coke by volume through a separate feed.
- Off-gas from the combustion is passed through a cyclone and in turn through a superheater, where water is converted to steam, and used to turn turbines to generate power. The plant uses two Combustion Engineering circulating fluidized bed boilers to generate steam to drive a single ABB turbine generator.
- Emissions are controlled through ammonia injection (to control NOx emissions), a limestone feed (to control SOx emissions) and a baghouse on each boiler (to control particulate emissions).

Ancillary operations at the site include administrative functions and a confined space entry training facility, which Colmac operates for the benefit of local law enforcement and emergency services. Associated instruction is provided by the agencies undertaking the training (generally Riverside County emergency agencies) and not by Colmac itself. ERM understands Colmac's role is limited to providing the physical training facility only, which is composed of a number of engineered confined spaces, on a portion of the site away from the power plant. ERM notes that none of the confined spaces are associated with on-site processes.

3.3.2 Discontinued Operations

Site representatives indicated that site operations have not changed significantly since operations began in 1992.

3.4 CHEMICAL USE AND STORAGE

Chemicals used and stored at the site include the following:

• Sulfuric acid is stored in a 700-gallon polyethylene double-walled aboveground storage tank (AST) and a 5,100-gallon polyethylene double walled AST. The sulfuric acid is fed to the cooling tower and the brine concentrator systems via pumps and is used to control the pH level of the water.

- Sodium hypochlorite is stored in a 2,500-gallon polyethylene double-walled AST and is used to control bacterial growth in the cooling water.
- Chlorine is stored in a 2,000-gallon (approximately 15,000-pound) plastic AST located adjacent to the boilers and used to treat boiler water.
- Ammonia stored in a 12,000-gallon AST. The ammonia system itself, which includes both the AST and remaining portions of the system, contains 55,800 pounds.
- Approximately 4,000 to 5,000 gallons of various lube oils for turbines and vehicles are stored in 55-gallon drums and ASTs. Turbine lube oil is stored in a 3,040-gallon AST located adjacent to the turbines. Hydraulic oil and various lube oils are stored in approximately seven 120- to 150-gallon ASTs in the plant lubrication and rolling stack area.
- Diesel is stored in a 3,000-gallon AST, in two 120-gallon portable tanks and within two integral fire-pump tanks (50 and 500 gallons).
- Gasoline is stored in a 50-gallon portable tank in the rolling stack area.
- Various water treatment chemicals used to treat boiler water, are stored in four ASTs in the boiler area. The ASTs are 400 gallons (two), 500 gallons and 2,500 gallons.

Materials handling and storage at the site was observed by ERM to be good, with appropriate labeling and no signs of spills or releases.

3.4.1 Underground Storage Tanks (USTs)

The EDR report did not identify current or historical USTs at the subject property. According to site representatives and consistent with ERM's diligence, no current or historical USTs have been operated at the site.

3.4.2 Aboveground Storage Tanks (ASTs)

According to facility personnel and based on observations during the site visit, there are numerous ASTs and in-process tanks located at the subject property. ASTs at the site include the following:

• One in-process, 12,000-gallon ammonia AST for NOx control on the boiler emissions. According to on-site documents, up to 9,840 gallons of ammonia are stored in the AST.

- Five ASTs between 7,200 gallons and 63,700 gallons in capacity used to store condensate, chilled water and service water for the boilers.
- Four water treatment chemical ASTs (BL-1283, BL-1513, Calcium chloride and sulfuric acid) between 400 and 5,000 gallons in capacity.
- Three cooling tower chemical tanks (CL-4802, Sulfuric acid and sodium hypochlorite) of 900-, 1,700- and 2,500 gallons in capacity.
- Two oil tanks in the turbine area: one hydraulic oil AST, 130-gallon capacity; and a 3,040-gallon turbine lube oil AST.
- Two 480-gallon used oil ASTs and two 120-gallon lube oil tanks in the plant lubrication area.
- Five 120- to 150-gallon hydraulic, lube and transmission oil ASTs located in the rolling stack area.
- Three diesel ASTs (100-, 150- and 3,000 gallons) and one gasoline AST (50 gallons), located in the rolling stack area.
- Two 1,200-gallon hydraulic oil tanks, a 574,000-gallon water tank, a 32,200-gallon wastewater tank, a 3,000-gallon ammonia tank and the two diesel fire pump tanks are variously located at the site.

Based on ERM's site inspection, no evidence of spills or releases from the above ASTs was identified and filling and dispensing practices appear to be sound. Secondary containment is provided to the petroleum storage tanks, with the remaining tanks located within the paved plant area.

3.4.3 Chemical Reporting

Sections 311 and 312 of the Superfund Amendments and Reauthorization Act (SARA) of 1986 Title III require the reporting of hazardous materials "stored" in amounts greater than 10,000 pounds; and reporting of extremely hazardous substances (EHS) in amounts of 500 pounds or the Threshold Planning Quantity (TPQ), whichever is less. Reporting is satisfied through the submittal of a Tier II chemical inventory form. Although California regulations differ somewhat, on Tribal land, the federal rules apply.

Based on the types and quantities of materials ERM observed during the site visit, Sections 311 and 312 of the Act appear to be triggered. ERM observed materials in excess of the Tier II reporting thresholds, including (but not necessarily limited to) the following: ammonia; sodium hypochlorate; limestone powder; diesel; and potentially various oils. According to Mr. Donaldson, Tier II reporting is not currently conducted at the site, and the appropriate submittals do not appear to have been made to the Local Emergency Planning Committee.

Toxic Release Inventory (TRI) reporting under Section 313 of the Superfund Amendments and Reauthorization Act of 1986 Title III is required if a facility, amongst other qualifying criteria is in a covered Standard Industrial Classification (SIC) code. Based on an SIC of 4911: Electric Services, as provided by the US EPA for the site, operations at the site trigger Section 313 of the Act (since Colmac occasionally utilizes petcoke in its process). Form R reporting will be triggered for the current year and back reporting for prior years when Colmac processed (25,000-pound threshold), or "otherwise used" (10,000-pound threshold) in excess of the threshold quantities of certain Form R reportable materials. Based on ERM's cursory review, these include ammonia and chlorine, although a full Form R review would be required to determine exactly what compounds require reporting at the site. According to site representatives and ERM's review, Colmac does not currently, and has not in the past, conducted Form R reporting.

3.4.4 Spill Prevention Control and Countermeasures (SPCC) Regulations

SPCC Plans are required to be prepared by facilities that store, transport, handle, use, or consume oil and could reasonably be expected to discharge oil in harmful quantities into navigable waters of the U.S., unless storage capacity is below a total of 1,320 gallons of aboveground storage (containers of less than 55 gallons are excluded from the total).

The total volume of oil on-site exceeds 1,320 gallons. As such, SPCC regulations appear to be triggered. According to Mr. Donaldson, Colmac does not maintain an SPCC Plan for the site.

3.5 HAZARDOUS AND NON-HAZARDOUS WASTE MANAGEMENT

3.5.1 Hazardous Waste

According to the environmental database report reviewed by ERM, Colmac is registered as a small quantity generator (SQG) of hazardous waste, with generator number CAL000072900. However, according to site representatives and based on ERM's review, it appears that Colmac rarely generates federally regulated hazardous waste. Hazardous waste generation in the past has included off-specification, aged or surplus organics, which represents waste solvents generated in a parts washer by the maintenance department and minimal volumes of laboratory-derived waste.

The environmental database report does not list violations against Colmac and according to site representatives, no hazardous waste violations have been received by the site.

Site representatives indicated that they are not aware of notices of potential responsibility (potential responsibly party - PRP) for off-site disposal issues. A full PRP review was beyond the scope of ERM's diligence.

3.5.2 *Non-Hazardous Waste*

Non-hazardous waste generated at the site includes the following:

- Used oil and lube are stored in 55-gallon drums or in one of two used oil ASTs and removed from the site for recycling and fuel blending by PSC, a registered waste contractor.
- Residual ash is segregated into top ash (fly ash) and bottom ash from the furnaces and sampled/characterized to confirm it is not a hazardous waste. The fly ash is temporarily stockpiled on site in a perimeter berm also utilized as a fire access road. This material is removed from the site by road and construction contractors for use as a feedstock for concrete and road base materials on an as needed basis. The bottom ash is currently removed from the site for use as alternative daily cover (ADC) at a local Imperial County (Allied/Republic) landfill.
- Paper, cans and bottles are removed from the site on a regular basis by PSC for recycling.

- Sanitary waste solids generated from the treatment of sanitary wastewater, is removed from the site on an as needed basis by registered waste contractor.
- General trash is stored in one dumpster located next to an office building and removed for off site disposal weekly.
- Universal waste, including fluorescent light bulbs, is segregated and removed from the site on an as needed basis for recycling.
- Scrap metal is separated when infrequently generated and collected on an as needed basis by various contractors, dependant upon price.

Site representatives indicated that they are not aware of historical on-site waste disposal and no evidence of on-site waste disposal was observed at the subject property by ERM.

3.6 WATER, WASTEWATER AND STORM WATER

3.6.1 *Water*

Colmac operates two on-site water supply wells, which supply process water to the site. The wells are approximately 600 feet in depth, with groundwater extracted from approximately 275 feet below ground surface.

The wells are operated under the terms of the lease agreement, which allows for the removal of up to 640 ac/feet annually.

3.6.2 Wastewater

Wastewater generated at the site is limited to sanitary wastewater, which is not regulated. Sanitary wastewater is treated on-site in an aboveground system, which includes primary and secondary aerobic treatment, and removal of the solids. The treated liquid effluent is separated and used on site for dust suppression after laboratory analysis to confirm effective treatment. The solids are removed from the site as a non-hazardous waste (discussed above).

Process wastewater is limited to boiler condensates, which are recovered and reused in the system process.

3.6.3 Storm Water

Storm water runoff sheet flows across the paved areas of the site and subsequently discharges to unpaved areas of the site. There are no point-source discharges of storm water from the site. Based on ERM's observations, no evidence of impact was identified in storm water drainage pathways.

Based on Colmac's SIC code of 4911, storm water regulations are not triggered.

3.7 AIR EMISSIONS

Colmac operates the site under a Title V permit to Operate, issued by the Environmental Protection Agency(EPA) Region IX, permit number CB-OP 99-01. Although the original operating permit expired in 2006, ERM has reviewed documentation to indicate that the plant has filed it's application with the South Coast Air Quality Management District (SCAQMD) on time for renewal of the Title V permit with the "option" to add another 23.5 MW which allows them to continue to operate under the terms and conditions of the previous permit while the current renewal application is under agency review. The current Title V permit is a flexible type permit allowing the facility to operate under various conditions due to the variations in feedstock and associated optimal operating conditions. As such, the permit to renew including the "option" to add another 23.5 MW of capacity should not endanger the current Title V Permit or operations regardless of whether the facility decides to utilize the option to expand under a new permit. However, the facility will not be able to operate the proposed expansion until such time as the application to renew permit currently under review is approved, and a revised permit issued.

Although the site is located on tribal land, beyond the jurisdiction of local, county and state agencies, Colmac has voluntarily entered into a Monitoring and Enforcement Agreement with the South Coast Air Quality Management District (SCAQMD), under which the site is regulated as if it were within SCAQMD jurisdiction. The agreement is dated 10 May 1989.

The Title V regulates emissions from the following sources:

• Boilers 1 and 2, both circulating fluidized bed boilers with capacities of 300 MBtu/hr each with a total output of 47 MW. Emissions are controlled through a thermal de-NOx system (including ammonia injection for control of nitrogen oxides - NOx), a cyclone and

- baghouse (for control of particulates), and limestone injection (for sulfur dioxide SO₂ control).
- An 800 horse power biomass grinder engine, with turbocharger and aftercooling.
- Additional sources including: biomass fuel yard; fuel hog; fuel stacker; petroleum coke storage; ash handling; cooling tower; and an emergency generator. Emissions are controlled through enclosure, wind screens and the baghouse.

The Title V permit sets limits on the emissions of SO₂, particulate matter, carbon monoxide (CO), NOx and opacity, and controls the operating parameters and performance factors of in-place emissions control equipment.

According to site representatives, and confirmed through ERM's document review, Colmac appears to be operating well below the Title V emissions limits and control equipment operating limits. Record keeping at the site, as required by the permit, was observed to be good, with data readily at hand for inspection with respect to actual emissions (based on annual stack tests and in-place monitoring equipment), required 12-month rolling averages and operating equipment logs. Review of EPA air compliance data confirm annual agency on-site inspections are conducted, do not indicate any violations within the last five years and a confirm good compliance record.

ERM notes that Colmac is considering an upgrade to the plant (including the addition of one boiler) to increase power generation by 23.5 MW. Consequently a permit revision has been prepared and submitted to SCAQMD on April 18, 2008. Site representatives indicated that although the applicable permit amendment paperwork is in place, there are currently no plans to add the additional capacity under the current economic and regulatory climate.

ERM also notes that a proposed new Boiler MACT (maximum achievable control technology) rule is expected to come into force within the next 12 to 18 months, and is currently in public comment. The proposed rule includes more stringent standards for particulate matter and CO (both already being achieved by the site), and certain hazardous air pollutants, including mercury, dioxin and hydrogen chloride. Mr. Donaldson indicated that Colmac is currently tracking progress of the MACT, although at this stage, the cost implications of the revised MACT and required additional emissions controls have not been fully determined.

3.8 RISK MANAGEMENT PLAN

The USEPA's Risk Management Plan (RMP) (40 CFR 68) set forth requirements for facilities that maintain certain chemicals above threshold quantities. Colmac operates an ammonia system in association with the thermal de-NOx emissions control system. The De-Nox system includes the 12,000-gallon ammonia AST, and contains a total of 55,800 pounds of ammonia. In addition, Colmac stores 2,500 gallons of chlorine on the site. Based on the volume of chlorine and ammonia stored at the site, Colmac is subject to the requirements of RMP.

Colmac maintains a RMP in accordance with federal regulations, which, based on ERM's review appears to be complete and prepared in accordance with the RMP requirements. The RMP includes procedures for auditing and inspections, training and preventative maintenance programs, together with other required RMP elements. However, the RMP is dated April 2004 and does not appear to have been updated since that time. RMP regulation requires the plan be reviewed and updated every five years.

Mr. Donaldson indicated that approximately 15 ammonia monitors/alarms are located at a number of locations at the site, as observed by ERM during the site inspection. Based on ERM's cursory review, the leak detection system appears adequate, although a detailed RMP analysis would be required to determine its overall adequacy.

3.9 POLYCHLORINATED BIPHENYLS (PCBS)

ERM examined the subject property for types of equipment that have been historically associated with the use of polychlorinated biphenyls (PCBs) as a dielectric fluid coolant and stabilizer. Some examples of the types of equipment that potentially contain PCBs or PCB-contaminated oil include electrical equipment such as transformers, capacitors, and high voltage liquid filled switches.

ERM identified a number of oil-filled, electrical transformers at the site, all of which have been tested to confirm they are mineral oil cooled and PCB free.

3.10 VISUAL INDICATIONS OF ON-SITE IMPACTS

ERM did not observe evidence, such as staining, stressed vegetation, or similar conditions, that constitute a significant visual indication of on-site impacts.

3.11 ASBESTOS-CONTAINING MATERIALS

Asbestos was banned in most friable building materials (sprayed applied surfacing materials and thermal system insulation) in 1978, but the Occupational Safety and Health Administration deems spray applied surfacing materials, thermal system insulation materials, and vinyl flooring materials as "presumed asbestos-containing materials" (PACMs) if they are present in pre-1980 buildings (Title 29 of the Code of Federal Regulations, Parts 1910.1001 and 1926.1101).

According to various sources, the site structures and buildings were constructed in 1990 to 1992. Therefore, PACMs were not likely used in building construction and ERM did not observe any obvious evidence of asbestos-containing materials on site. Building materials appeared to be in good physical condition during the site visit. However, only a confirmatory asbestos survey can determine whether the on-site building materials contain asbestos.

3.12 HEALTH AND SAFETY

3.12.1 Health and Safety Management

Mr. Donaldson is ultimately responsible for implementing health and safety programs at the site, although he has appointed a Health & Safety Director to administer the programs. Colmac maintains a health and safety committee, which meets regularly (generally monthly). The committee is made up from representatives from various levels within the organization.

Colmac conducts training for hazardous materials recognition and handling, as well as a number of additional safety training programs, such as: lock-out, tag-out; forklift training for forklift operators; personal protective equipment; blood-born pathogens; and other common H&S programs. The training provided is a mix of in-house training and that provided by third-party training companies.

3.12.2 Health and Medical Surveillance

According to site representatives Colmac does not conduct health and medical surveillance.

3.12.3 *Personal Protective Equipment*

ERM observed usage by facility employees of personal protective equipment (PPE) throughout the manufacturing areas. The primary PPE used includes safety glasses, hard hats, steel-toed shoes and gloves. Overall PPE compliance was observed by ERM to be good.

3.12.4 Recordable Accident & Incidents, Outstanding Claims

Colmac does not appear to track lost time incidents or maintain OSHA-required accident and incident statistics. The last lost-time accident at the site was the accidental death of a contractor in 1995. The incident was comprehensively investigated both by Colmac and by OSHA, and Colmac was determined not to be at fault. The issue was subsequently closed with OSHA. Based on ERM's review of files pertaining to this issue the incident was litigated and finally arbitrated. Colmac Energy was not financially burdened in the final settlement of the case.

3.12.5 Fire Protection and Emergency Response Plans

The site is equipped with automatic fire suppression sprinklers throughout the facility and ancillary equipment such as conveyors and truck dumps, which are continually monitored by a subcontracted company, off site. Fire extinguishers are located throughout the building and are inspected monthly and tested semi-annually by an outside contractor. Evacuation route maps are maintained throughout the facility and emergency lighting is provided.

Colmac maintains a written Emergency Response Plan.

3.12.6 Occupational Noise

Colmac has conducted an occupational noise survey previously, with ear protection PPE provided locally in areas where operational noise exceeds the OSHA Action level of 85 dBA. Appropriate ear-protection signage was observed by ERM at the entrances to these areas and employees were observed utilizing appropriate hearing protection.

3.12.7 *Material Safety Data Sheets*

Material Safety Data Sheets (MSDS) are maintained at the control room, the H&S Director's office and in the maintenance area. A cursory review of the MSDS books indicated that they appear to be complete and up to date.

3.12.8 *Mechanical and Electrical Safety*

ERM reviewed Colmac's electrical safety and lock out/tag out (LOTO) program. There are written procedures for LOTO on each piece of equipment and formal electrical safety training has been provided to employees.

Machine guarding and associated compliance was observed by ERM to be excellent.

3.12.9 Process Safety Management

The Occupational Safety and Health Administration's (OSHA's) Process Safety Management program (29 CFR 1910.119) sets forth requirements for facilities that maintain certain chemicals above threshold quantities (generally in line with RMP triggers described above). PSM requirements are triggered at the site by the use and storage of ammonia and chlorine. Colmac maintains a Process Safety Management (PSM) Plan at the site, which has been incorporated in to the site's RMP. The RMP includes the required PSM elements, including Hazardous Operation (HazOp) Assessments and operating practices. Based on ERM's review, no significant PSM compliance concerns were identified, although the RMP has not been revised since 2004, as discussed above.

4..0 ASSESSMENT OF PAST LAND USE AND OPERATIONS

4.1 GENERAL INFORMATION

Based on interviews with site representatives and a review of historical sources, the site was developed for current use from 1989 (completed and operational by 1992), on previously vacant land. Surrounding properties remain vacant or undeveloped, or were developed in the late 1990s from prior vacant land.

4.2 PREVIOUS ENVIRONMENTAL REPORTS

No previous environmental reports were provided to ERM regarding the site.

4.3 EVALUATION OF HISTORIC INFORMATION SOURCES

To determine past uses of the site and surrounding properties, ERM reviewed historical sources of information as outlined below.

Table 1 Summary of Historical Records Review

	Name/Years Reviewed			
Source of Information	Subject Property	Adjacent Properties		
Interview(s) with current	Site representatives as	Not applicable		
occupant and/or owner	referenced in Section 1.			
USGS Topographic Maps	1904, 1947, 1955 and 1972	1904, 1947, 1955 and 1972		
Sanborn Maps	Not available	Not available		
City Directories	Not available	Not available		
Aerial Photographs	1953, 1959, 1984, 1996, 2002	1953, 1959, 1984, 1996, 2002		
	and 2005	and 2005		
EPA Envirofacts on-line	Data back to 1990	Not applicable		
database				
EPA ECHO on-line database	Data back to 1990	Background on certain		
		facilities to confirm operations		
US EPA Region 9	Data back to 1990	Not applicable		

4.3.1 Subject Property

The site was unoccupied land, likely undeveloped desert scrub, until commencement of the development of the site with the current power plant in 1989. Construction was completed, and the power plant fully on line by 1992. According to site representatives, there have been no significant changes in operations since 1992. Topographic maps back to 1904 indicate that the site has been tribal land since at least 1904 ("Indian Reservation").

4.3.2 Adjacent Properties and Surrounding Area

The development history of the adjacent properties is generally consistent with that of the subject property. The southern Pacific Railroad and a road along the current route of Highway 111, were constructed by 1904. By 1947 the current street system to the east of the site beyond the railroad and highway had been constructed, with scattered residential properties, largely as current. The non-HVL underground pipeline is located north of the site and is apparent from 1953. By the early 1980s an industrial building was constructed approximately 0.25 mile southwest of the site and by 1996 a small industrial building was constructed north of the site. No apparent impact concerns have been identified associated with historical neighboring property use.

4.3.3 Non-Regulatory Interviews

Information obtained from site representatives is discussed in the applicable sections throughout this report.

5.0 DATABASE AND GOVERNMENT RECORDS REVIEW

5.1 GOVERNMENT INTERVIEWS

Information from government records (if any) is included under the relevant headings of this report.

5.2 ENVIRONMENTAL DATABASE SEARCH

ERM contracted EDR to conduct a search of electronic database maintained by various state and federal environmental agencies. The databases contain a variety of information concerning facilities or properties regulated by various state and federal environmental programs. The search was conducted for information concerning the Site as well as nearby facilities. The EDR report defines and summarizes the databases reviewed as required by the ASTM Standard and notes if any sites (including the Subject Property) were identified in the specified radius.

It should be noted that the computerized geocoding technology used in the database search is based on available census data and is only accurate to approximately ±300 feet. The EDR report provides a list of sites for which inadequate location information was provided. These are referred to as "unmapped" sites or "orphan sites." The locations of these sites, however, could not be mapped accurately by EDR. ERM has reviewed the list of these sites to evaluate if any are located near the Subject Property. If the "unmapped" sites are located near the Subject Property, they are discussed in the sections that follow.

Information concerning the various nearby sites identified by EDR was reviewed to evaluate if they are likely to have adversely impacted the Subject property. The criteria used to evaluate the potential for adverse affects to the Subject Property include:

- *Distance from the Subject Property.*
- Expected depth and direction of ground water and surface water movement.
- Expected storm water flow direction.
- The presence/absence of documented contaminant releases at the identified sites that have not been remedied to the satisfaction of regulators.

A nearby property is not expected to have adversely affected the Subject Property if: (1) the environmental issue has been closed to the satisfaction of regulators; (2) the property is located downgradient of the Site relative to the estimated groundwater flow direction; (3) a groundwater discharge point/flow divide is located between the property and the Site (thus creating a hydraulic barrier to contaminant movement); or (4) it is not located within a distance to the Subject Property that is likely to have an adverse affect.

The identification of a site as hydraulically upgradient or downgradient of the Subject Property is based on the expected direction of shallow groundwater flow to the south.

5.2.1 Subject Property

Colmac is listed on the following databases:

- As a SQG of hazardous waste, as discussed in Section 3.5.1.
- On the emissions inventory database (EMI) in association with regulated air emissions (as discussed in Section 3.7).
- On the compliance enforcement system database (ICIS) in association with a 2004 air emissions reporting non-compliance (resolved at the time, and not indicative of a release that has the potential to result in impact to on-site soil and groundwater).
- On the HAZNET database, associated with county reporting of hazardous waste generation, at the site, although not a federal requirement. Hazardous waste generation is discussed in Section 3.5.1.

5.2.2 Surrounding Properties

The Subject Property is located within a sparsely populated primarily agricultural area in Riverside County near the Town of Mecca, California. A small number of properties located within the search radius were identified on environmental databases representing a potential environmental concern. Only those properties located within one-quarter mile cross-gradient or upgradient of the subject property and with active status on databases representing a potential environmental concern are discussed herein. Additional details are provided in the EDR report (Appendix B).

Based on ERM's review of the EDR database report, no listed facilities are listed upgradient of the site. One HAZNET facility, Riverside County Waste Management Department is listed approximately 500 feet west of the subject site. The HAZNET database is a compliance listing and not indicative of a release.

ERM has not identified surrounding properties listed on the environmental database report with a reasonable potential to impact the subject site.

6.0 DATA GAPS

The following table summarizes the data gaps identified during the site assessment. The significance of the data gaps with respect to the conclusions of this assessment is presented in the table below.

Table 2 Data Gap Summary

Data Gap	Sources Consulted to Address Data	Significance ¹
	Gap	
User did not inform ERM of	Site contact reported having no	Low
specialized knowledge or experience	knowledge of environmental liens or	
(if any) that may be material to RECs	AULs.	
in connection with the Subject		
Property, including knowledge of		
environmental liens or Activity Use		
Limitations.		

¹Significance to identifying conditions indicative of releases or threatened releases to the subject property is rated from low to high, where low is unlikely to alter ERM's conclusions and high is likely to have a significant effect on ERM's conclusions.

7.0 USER PROVIDED INFORMATION

ERM contacted the User and the site contact with respect to the following information:

- An evaluation of the presence of Environmental Cleanup Liens for the Subject Property;
- Activity and Use Limitations such as engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place for the Subject Property;
- Specialized Knowledge that includes personal knowledge or experience related to the Subject Property or nearby properties based on professional experience or knowledge of the Subject Property;
- Obvious Indicators that involve past or present spills, stains, releases, cleanups on or near the Subject Property; and
- Common Knowledge about specific chemicals, possible contamination, or past use of the Subject Property and surrounding area.

7.1 TITLE RECORDS

Title records reports were not provided to ERM and obtaining title records was not included in the scope of work for this project.

7.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

The site contact reported having no knowledge of any environmental liens, land use restrictions, or Activity and Use Limitations recorded against the Subject Property.

7.3 SPECIALIZED KNOWLEDGE

Specialized knowledge provided to ERM by the site contact during the site visit is presented throughout this report in the relevant report sections.

7.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Commonly known and reasonably ascertainable information associated with the subject property is presented throughout this report in the relevant report sections and appendices.

7.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

ERM has no information regarding an evaluation of the purchase price of the subject property to the fair market value. ERM understands this may not be relevant to the transaction under consideration.

7.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

The data provided in Table 3 includes information regarding the Subject Property provided by the User of this report.

 Table 3
 User Provided Information

Entity	Name
Subject Property owner	Colmac, on behalf of CBMI
Subject Property manager	Mr. Graeme Donaldson
Current Subject Property occupant(s)	Colmac

8.0 CONCLUSIONS AND RECOMMENDATIONS

ERM conducted a Phase I Environmental Site Assessment and Limited Environmental Regulatory Compliance Review at the Implant Direct Corporation (Implant Direct) facility located at 27030 Malibu Hills Road in Calabasas, California. Our conclusions and opinions are based on a scope of work that followed the requirements set forth in ASTM Standard E 1527-05 and 40 CFR 312. A summary of ERM's conclusions and opinions are presented below.

Recognized Environmental Conditions

Based on the information obtained during the site visit, the environmental database review, and interviews with persons familiar with the site, ERM has not identified any RECs in connection with the subject property.

Historical Recognized Environmental Conditions

Based on the information obtained during the site visit, the environmental database review, and interviews with persons familiar with the site, ERM has not identified any historical RECs in connection with the subject property.

Environmental, Health and Safety Compliance Issues

Based on the information obtained during the site visit, the environmental database review, and interviews with persons familiar with the site, the following environmental compliance issues concerning the subject property were identified:

• Chemical Reporting: Based on the types and quantities of materials ERM observed during the site visit, Tier II reporting appears to be triggered. ERM observed materials in excess of the Tier II reporting thresholds, including (but not necessarily limited to) the following: ammonia; sodium hypochlorate; limestone powder; diesel; and potentially various oils. In addition, Form R reporting is required for the use of at least chlorine and ammonia for years when applicable reporting thresholds have been exceeded. Back reporting for all applicable years will be required. According to Mr. Donaldson, Tier II and Form R reporting are not currently conducted at the site.

- Spill Prevention Control and Countermeasures (SPCC): SPCC Plans are required to be prepared by facilities that store, transport, handle, use, or consume oil and could reasonably be expected to discharge oil in harmful quantities into navigable waters of the U.S., unless storage capacity is below a total of 1,320 gallons of aboveground storage (containers of less than 55 gallons are excluded from the total). The total volume of oil on-site exceeds 1,320 gallons. As such, SPCC regulation appears to be triggered. According to site representatives Colmac does not maintain an SPCC Plan for the site.
- **Risk Management Plan (RMP):** Colmac maintains a RMP for the storage of ammonia and chlorine at the site in accordance with federal regulations. However, the RMP is dated April 2004 and does not appear to have been updated since that time. RMP regulation requires the plan be reviewed and updated every five years.

Although not a current compliance issue, the following potentially material noteworthy regulatory issue was identified:

Proposed Revised Boiler MACT: ERM notes that a proposed new Boiler MACT (Maximum Achievable Control Technology) rule is currently in public comment and is expected to come into force within the next 12 to 18 months. The proposed rule includes more stringent standards for particulate matter and carbon monoxide (both already being achieved by the site), and certain hazardous air pollutants, including mercury, dioxin and hydrogen chloride. Site representatives indicated that Colmac is currently tracking progress of the MACT, although at this stage, the cost implications of the revised MACT and required additional emissions controls have not been fully determined. Based on ERM's review and general biomass industry commentary on the Boiler MACT, additional emissions control technologies to meet the new rule have the potential to be very significant. Further detailed review would be required to derive appropriate cost estimates for the subject site.

9.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL CONDUCTING THIS ASSESSMENT

This assessment was conducted by Mr. Kevin Bryan of ERM. Messrs. Mathew D. Aigner and Gregory Merrit of ERM reviewed the contents of this report. The professional qualifications for Mr. Bryan and Messrs. Aigner and Merrit are included in Appendix D.

The signatures for Mr. Bryan and Messrs. Aigner and Merrit are affixed onto the cover of this report. Mr. Merrit is the designated Environmental Professional for this project and prepared the following declaration.

- I declare that, to the best of our professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.
- I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

10.0 LIMITATIONS

The innocent landowner, contiguous owner, and prospective purchaser defenses to liability under CERCLA require that a person acquiring property conduct an all appropriate inquiry with respect to the Subject Property. ERM has conducted this environmental assessment in accordance with the standards for conducting an all appropriate inquiry set forth at 40 CFR Part 312. Those standards require the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations and exercise of discretion. Professional judgments expressed herein are based on the facts currently available within the limits of the existing data, and data gaps identified herein, scope of work, budget, and schedule. Those standards also require that the client undertake certain additional inquiries. In addition, the liability defenses under CERCLA require, among several other things, that the client after the acquisition stop any continuing releases, prevent any future threatened releases and prevent or limit human, environmental or natural resource exposure to any hazardous substance released at the Subject Property. Therefore, ERM makes no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose, including any warranty that this Phase I assessment will in fact qualify client for the innocent landowner, contiguous property owner or prospective purchaser defense to liability under CERCLA. ERM's assessment is limited strictly to identifying recognized environmental conditions associated with the subject property. Results of this assessment are based upon the visual site inspection of readily accessible areas of the subject property conducted by ERM personnel, information from interviews with knowledgeable persons regarding the site, information reviewed regarding historical uses, information provided by contacted regulatory agencies, and review of publicly available and practically reviewable information identifying current and historical uses of the property and surrounding properties. All conclusions and recommendations regarding the subject property represent the professional opinions of the ERM personnel involved with the project, and the results of this report should not be considered a legal interpretation of existing environmental regulations. ERM assumes no responsibility or liability for errors in the public data utilized, statements from sources outside of ERM, or developments resulting from situations outside the scope of this project. We make no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose.

This Phase I ESA and LERCR report was prepared for Recycled Energy Development LLC ("Client") for their sole use and reliance. Reliance on this report by any other person(s) or entity(ies) is strictly at their own risk, and Environmental Resources Management makes no warranties to person(s) or entity(ies) other than the Clients who will use the information provided in this report. If other person(s) or entity(ies) wish to rely upon this report (i.e. lenders, mortgagers, insurance companies, or other parties to a transaction), Environmental Resources Management will require that such parties agree to our contract terms in writing.

Appendix DOther Pertinent Documents





USER QUESTIONNAIRE for PHASE I ESA

AS REQUIRED by ASTM Standard E1527-05

To	:	Mat Aigner	From: (harles !	46604	
At:		ERM	At:	DVP		
Fax	x:	847-258-8901	Pages:	1		
	on e :	847-258-8933	Date:	1/25/13		
Site	e Name:	Dosert View Powe	^			
Ad	dress:	67300 Gene Welms	Daive, /	Mecca, C	A	
bes wo	st of you uld have	who will use the Phase One should provide rability, explaining any Yes answers on a sep to note that the Phase One is incomplete, and ese answers before we conduct the site visit.	arate sheet of	paper. Without th	nese answers, ou	r report
1.	or record the "exc liens co	nmental Cleanup Liens. ASTM requires the rded against the subject property under federa ceptions to coverage" in the property's title insoluted put your Landowner Liability Protections a	il, tribal, state urance commi risk.	or local law. Suc	h liens might be l	isted in or these
		ve you checked for these environmental clean you aware of any such liens against the subje		:	☐ Yes ☐ Yes	⊠ No ⊠ No
2.	use res	y and Use Limitations (AULs). These include trictions or institutional controls (e.g., deed red der federal, tribal, state or local law. The title of	strictions, cove	enants) that may l	be in place at the	nd land site or
	Are	you aware of any possible AULs involving the	subject site?		☐ Yes	X No
3.	nearby occupa	lized Knowledge. This involves personal kno properties. For example, if you are involved nts of the property or an adjoining proper sers, gasoline, or other hazardous substances	in the same ty, you would	line of business and probably know	as the current or of any chemical	former
		you have any specialized knowledge that migl sent use or release of such substances on the			☐ Yes	⊠ No
4.	Please FMV, th	arket Value (FMV). A purchase price signification note that this question does not require an apple User should consider whether it might be been purchase price significantly below fair results.	praisal of the cause contam	property. If the pr	rice is significantly esent at the prope	below erty.
_		ne purchase price significantly below fair mark			Yes	⊠ No
5.		s Indicators. This involves past or present sp you know of any obvious indicators of possible	i	• •		e site. No
3.		on Knowledge. Please use a separate sheet i		,	ı	
	a. Des	scribe the past uses of the property: Pow	er Prod.	uetion s	inceearl	-
		1990's, previously ugo	ant	`		
	-					
	b. Des	scribe any specific chemicals that may have be invlided a Ammonia, Wat	en present at	the property: L. Imend Ch	-bricating nemicals	<u>ء ۱: 0 ر</u>
		scribe any other information that may help us i				
You	Jr Signa	// 1/z 5/1.		# of separate she Explain Yes answ		sheet.

Appendix EEDR Database Search





62-300 Gene Welmas Drive 62-300 Gene Welmas Drive Thermal, CA 92274

Inquiry Number: 03486096.1r

January 03, 2013

The EDR Radius Map™ Report with GeoCheck®

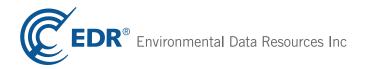


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Thank you for your business.Please contact EDR at 1-800-352-0050 with any questions or comments.

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

TARGET PROPERTY INFORMATION

ADDRESS

62-300 GENE WELMAS DRIVE THERMAL, CA 92274

COORDINATES

Latitude (North): 33.5867000 - 33° 35' 12.12" Longitude (West): 116.0870000 - 116° 5' 13.20"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 584723.0 UTM Y (Meters): 3716512.0

Elevation: 168 ft. below sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 33116-E1 MECCA, CA

Most Recent Revision: 1972

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010 Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
COLMAC ENERGY PLANT	SLIC	N/A
CABAZON INDIAN RESERVATION AT 62-300	GENE WELMAS D	
MECCA, CA 92254		

COLMAC ENERGY INC RCRA-SQG CAR000072900 62-300 GENE WELMAS(CABAZON RES MECCA, CA 92254 HAZNET

US AIRS

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
NPL LIENS	Federal Superfund Liens
Federal Delisted NPL site li	ist
Delisted NPL	National Priority List Deletions
Federal CERCLIS list	
	Comprehensive Environmental Response, Compensation, and Liability Information System Federal Facility Site Information listing
PEDERAL PAOILITT	- rederal racinty Site information listing
Federal CERCLIS NFRAP s	ite List
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
Federal RCRA CORRACTS	facilities list
CORRACTS	Corrective Action Report
Federal RCRA non-CORRA	CTS TSD facilities list
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
Federal RCRA generators I	ist
	RCRA - Large Quantity Generators
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator
Federal institutional contro	ols / engineering controls registries
US ENG CONTROLS	. Engineering Controls Sites List
	Sites with Institutional Controls Land Use Control Information System
LUCIS	Land Ose Control Information System
Federal ERNS list	
ERNS	_ Emergency Response Notification System
State- and tribal - equivaler	
RESPONSE	State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

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

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

UST..... Active UST Facilities

AST..... Aboveground Petroleum Storage Tank Facilities INDIAN UST..... Underground Storage Tanks on Indian Land

FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing VCP...... Voluntary Cleanup Program Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9...... Torres Martinez Reservation Illegal Dump Site Locations

ODI_____Open Dump Inventory
WMUDS/SWAT______Waste Management Unit Database

SWRCY...... Recycler Database

HAULERS...... Registered Waste Tire Haulers Listing

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

HIST Cal-Sites Database

SCH......School Property Evaluation Program

Toxic Pits...... Toxic Pits Cleanup Act Sites

CDL...... Clandestine Drug Labs

US HIST CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database

HIST UST..... Hazardous Substance Storage Container Database

SWEEPS UST..... SWEEPS UST Listing

Local Land Records

LIENS 2..... CERCLA Lien Information LIENS..... Environmental Liens Listing DEED...... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System CHMIRS..... California Hazardous Material Incident Report System

LDS..... Land Disposal Sites Listing MCS..... Military Cleanup Sites Listing

Other Ascertainable Records

RCRA-NonGen_____RCRA - Non Generators DOT OPS...... Incident and Accident Data DOD...... Department of Defense Sites FUDS..... Formerly Used Defense Sites

CONSENT...... Superfund (CERCLA) Consent Decrees

ROD...... Records Of Decision UMTRA..... Uranium Mill Tailings Sites MINES..... Mines Master Index File

TRIS...... Toxic Chemical Release Inventory System

TSCA...... Toxic Substances Control Act

FTTS......FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

SSTS..... Section 7 Tracking Systems

ICIS...... Integrated Compliance Information System

PADS..... PCB Activity Database System MLTS..... Material Licensing Tracking System RADINFO...... Radiation Information Database

NPDES Permits Listing

UIC......UIC Listing

Cortese "Cortese" Hazardous Waste & Substances Sites List CUPA Listings CUPA Resources List

WIP..... Well Investigation Program Case List

ENF..... Enforcement Action Listing EMI..... Emissions Inventory Data

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

EPA WATCH LIST..... EPA WATCH LIST WDS_____ Waste Discharge System PRP...... Potentially Responsible Parties US FIN ASSUR..... Financial Assurance Information 2020 COR ACTION...... 2020 Corrective Action Program List PCB TRANSFORMER...... PCB Transformer Registration Database

PROC..... Certified Processors Database MWMP..... Medical Waste Management Program Listing

COAL ASH DOE..... Steam-Electric Plant Operation Data

COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
	Registered Hazardous Waste Transporter Database
	EnviroStor Permitted Facilities Listing
	Financial Assurance Information Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat	EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners	EDR Exclusive Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, and dated 10/17/2012 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
NUTRITIONAL FOOD PRODUCTS Status: Completed - Case Closed	64-405 LINCOLN	SE 1/4 - 1/2 (0.301 mi.)	ВЗ	17	
BILL WORDEN	64405 LINCOLN	SE 1/4 - 1/2 (0.303 mi.)	B4	19	

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST],

the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BILL WORDEN	64405 LINCOLN	SE 1/4 - 1/2 (0.303 mi.)	B4	19

INDIAN RESERV: This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TORRES-MARTINEZ INDIAN RESERVA		0 - 1/8 (0.000 mi.)	0	17

Due to poor or inadequate address information, the following sites were not mapped. Count: 24 records.

Site Name Database(s)

CHEVRON MECCA
OASIS STATION
HIST CORTESE, LUST
JPH ENTERPRISES
HIST CORTESE
HIST CORTESE

SALS TIRES

HIST CORTESE, LUST, HAULERS

ALAMO DISCOUNT MARKET

CHAPALLA MARKET

CA FID UST, SWEEPS UST

PARKSIDE

CERC-NFRAP

ALL AMERICAN CANAL

CA PARKS & REC SALTON SEA

CA PARKS & REC SALTON SEA

LUST

JPH ENTERPRISES

JPH ENTERPRISES

LUST

JPH ENTERPRISES

LUST

SOCO SKIP'S

ALAMO DISCOUNT MARKET

UST

OASIS STATION

OASIS STATION UST
SKIPS HIST UST
HORNLING RANCH HIST LIST

HORNUNG RANCH
TINACHI RANCH
HIST UST
PETER RABBIT FARMS
HIST UST

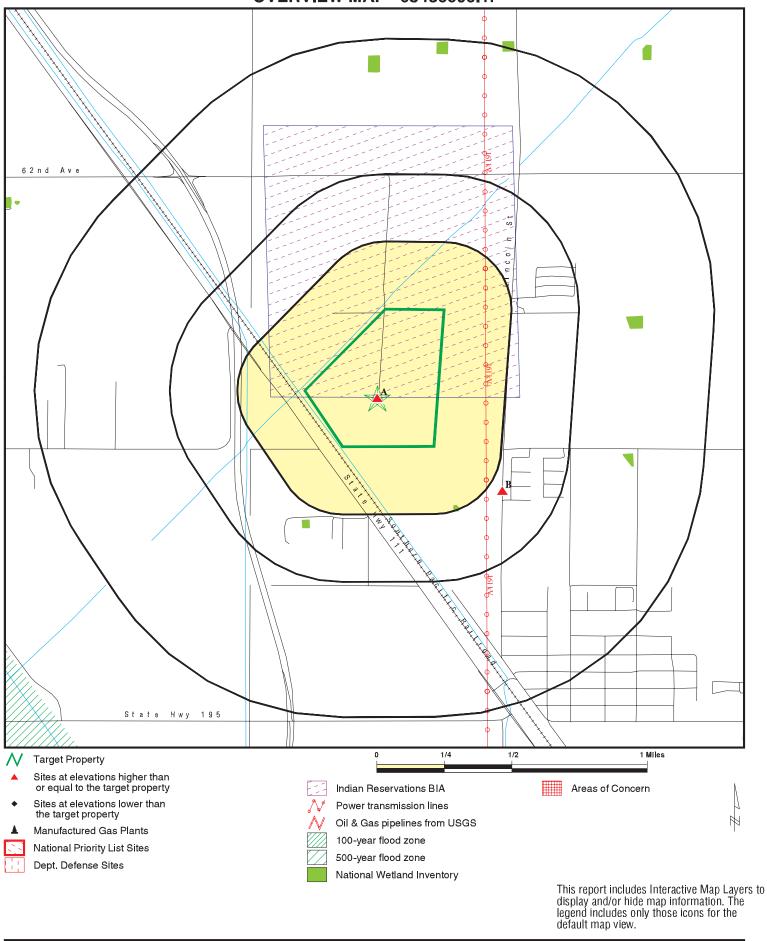
WESTERN ENVIRONMENTAL INCORPORATED RCRA-NonGen, HAZNET

DESERT MOBILE HOME PARK INC RCRA-CESQG 2260 NORTH INDIAN CANYON DRIVE APT ERNS

PARKSIDE DRIVE SITE FINDS

NEW OASIS ELEMENTARY SCHOOL SCH, ENVIROSTOR

OVERVIEW MAP - 03486096.1r



Thermal CA 92274 INQUIRY #: 03486096.1r LAT/LONG: 33.5867 / 116.087 DATE: January 03, 2013 9:39 am

SITE NAME: 62-300 Gene Welmas Drive

ADDRESS:

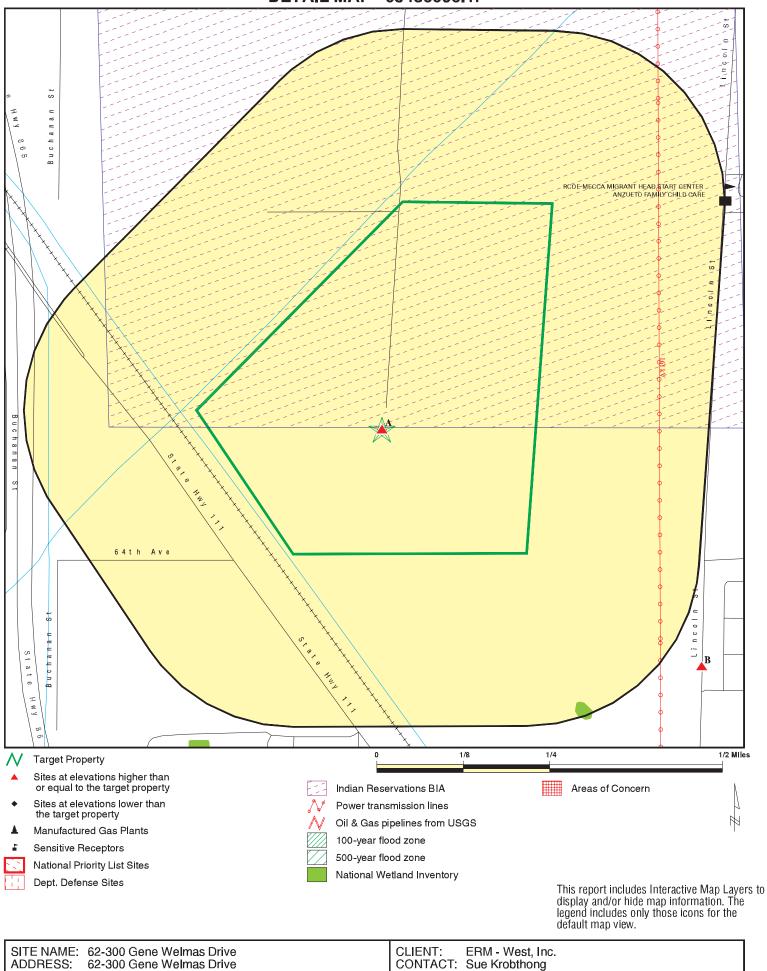
62-300 Gene Welmas Drive

ERM - West, Inc.

Sue Krobthong

CLIENT: CONTACT:

DETAIL MAP - 03486096.1r



Thermal CA 92274

33.5867 / 116.087

LAT/LONG:

January 03, 2013 9:43 am Copyright © 2013 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

INQUIRY #: 03486096.1r

DATE:

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENT	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	e list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS FEDERAL FACILITY	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRA	P site List							
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD f	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	s list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250	1	0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 1 0
Federal institutional con engineering controls reg								
US ENG CONTROLS US INST CONTROL LUCIS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equiva	lent NPL							
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equiva	lent CERCLIS	8						
ENVIROSTOR	1.000		0	0	0	0	NR	0
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking s	storage tank l	ists						
LUST	0.500		0	0	2	NR	NR	2

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC INDIAN LUST	0.500 0.500	1	0	0 0	0 0	NR NR	NR NR	1 0
State and tribal registere	d storage tar	ık lists						
UST AST INDIAN UST FEMA UST	0.250 0.250 0.250 0.250		0 0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0 0
State and tribal voluntary	cleanup site	es						
INDIAN VCP VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
ADDITIONAL ENVIRONMEN	TAL RECORDS	<u> </u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	olid							
DEBRIS REGION 9 ODI WMUDS/SWAT SWRCY HAULERS INDIAN ODI	0.500 0.500 0.500 0.500 TP 0.500		0 0 0 0 NR 0	0 0 0 0 NR 0	0 0 0 0 NR 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardous Contaminated Sites	waste/							
US CDL HIST Cal-Sites SCH Toxic Pits CDL US HIST CDL	TP 1.000 0.250 1.000 TP TP		NR 0 0 0 NR NR	NR 0 0 0 NR NR	NR 0 NR 0 NR NR	NR 0 NR 0 NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Registered	Storage Tan	ıks						
CA FID UST HIST UST SWEEPS UST	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Local Land Records								
LIENS 2 LIENS DEED	TP TP 0.500		NR NR 0	NR NR 0	NR NR 0	NR NR NR	NR NR NR	0 0 0
Records of Emergency R	elease Repo	rts						
HMIRS CHMIRS LDS	TP TP TP		NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Rec	ords							
		1	NR OROOOOORRERERERERERERES OROOOOORREE OROOROOR	N OROOOOORRERERERERE OROOOOORRE OOOOORRE OOOOOORRE OOOOOOOO	N RROOOOORRRRRRRRRRRR ORROTROTROKKE OORRRRRR OKON	$\mathbf{N} \qquad \qquad \mathbf{N} \mathbf{R} \\ \mathbf{N} \\ \mathbf{C} \\ \mathbf{O} \\ \mathbf{O} \\ \mathbf{O} \\ \mathbf{N} \\ \mathbf{R} \\ $	$\mathbf{N} = \mathbf{N} + $	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
			1417	INIX	1411	INIX	IVIX	J
EDR HIGH RISK HISTORICA	L RECORDS							
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

Α1 **COLMAC ENERGY PLANT** SLIC S106660319 N/A

CABAZON INDIAN RESERVATION AT 62-300 GENE WELMAS D Target

MECCA, CA 92254 **Property**

Site 1 of 2 in cluster A

SLIC REG 7: Actual:

-168 ft. Region:

Responsible Party NameColmac Energy

Facility Status: Active SLIC File Code: CE Township / Range:

Not reported Hydrologic Unit: Not reported

Groundwater Levels: 30 Feet below ground surface

7SLC3300003 Case Reference:

Consultant ID: 11

Agency ID: Not reported

RCRA-SQG **A2 COLMAC ENERGY INC** 1004675438 62-300 GENE WELMAS(CABAZON RES **FINDS** CAR000072900 **Target**

Property MECCA, CA 92254 **HAZNET US AIRS**

Site 2 of 2 in cluster A

RCRA-SQG: Actual:

Date form received by agency: 06/28/2000 -168 ft.

COLMAC ENERGY INC Facility name: Facility address: 62300 GENE WELMAS DR

MECCA, CA 92254

EPA ID: CAR000072900 Contact: JAMES DURHAM

Contact address: 62300 GENE WELMAS DR

MECCA, CA 92254

Contact country: US

Contact telephone: (760) 396-2554 Contact email: Not reported

EPA Region: 09

Small Small Quantity Generator Classification:

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

COLMAL ENERGY INC Owner/operator name: Owner/operator address: 62300 GENE WELMAS DR

MECCA, CA 92254 Owner/operator country: Not reported Owner/operator telephone: (760) 396-2554

Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: Nο **EDR ID Number**

Map ID MAP FINDINGS
Direction

Distance Elevation

Site Database(s) EPA ID Number

COLMAC ENERGY INC (Continued)

1004675438

EDR ID Number

Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: Nο Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D039

Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

FINDS:

Registry ID: 110022450729

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

Direction Distance

Elevation Site Database(s) EPA ID Number

COLMAC ENERGY INC (Continued)

1004675438

EDR ID Number

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

HAZNET:

Year: 2001

Gepaid: CAR000072900

Contact: PAULA BATES/FUEL MGR

Telephone: 7603962554 Mailing Name: Not reported

Mailing Address: 62300 GENE WELMAS DR Mailing City,St,Zip: MECCA, CA 922540000

Gen County: Riverside
TSD EPA ID: Not reported
TSD County: San Bernardino

Waste Category: Aqueous solution with total organic residues less than 10 percent

Disposal Method: Transfer Station

Tons: 0.79
Facility County: Not reported

Year: 2000

Gepaid: CAR000072900
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported

Mailing Address: 62300 GENE WELMAS DR Mailing City,St,Zip: MECCA, CA 922540000

Gen County: 0

TSD EPA ID: CAT000613927
TSD County: San Bernardino

Waste Category: Aqueous solution with total organic residues less than 10 percent

Disposal Method: Transfer Station

Tons: .5129 Facility County: 0

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID: 110022450729

Plant name: COLMAC ENERGY INC

Plant address: 62-300 GENE WELMAS(CABAZON RES

MECCA, CA 92254

County: RIVERSIDE

Region code: 09

Dunn & Bradst #: 153033154

Direction Distance

Elevation Site Database(s) EPA ID Number

COLMAC ENERGY INC (Continued)

1004675438

EDR ID Number

Air quality cntrl region: 024 Sic code: 4911

Sic code desc: ELECTRIC SERVICES

North Am. industrial classf: Not reported NAIC code description: Not reported

Default compliance status: UNKNOWN BY EVALUATION CALCULATION (GENERATED VALUE - NOT AVAILABLE FOR

INPUT)

Default classification: ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE

THRESHOLDS

Govt facility: Not reported Current HPV: Not reported

Compliance and Enforcement Major Issues:

Air program: NSPS

National action type: EPA CONDUCTED FCE / ON-SITE

Date achieved: 030225
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: EPA CONDUCTED FCE / ON-SITE

Date achieved: 030225
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY

Date achieved: 030924
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY

Date achieved: 040412
Penalty amount: Not reported

Air program: NATIVE AMERICAN
National action type: SV RESOLVED
Date achieved: 040824
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: FEDERAL DAY ZERO

Date achieved: 040824
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 040824
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: 113 APO COMPLAINT FILED

Date achieved: 040824
Penalty amount: Not reported

Air program: NATIVE AMERICAN

National action type: 113 APO COMPLAINT FILED

Date achieved: 040824

Direction Distance

Elevation Site Database(s) EPA ID Number

COLMAC ENERGY INC (Continued)

1004675438

EDR ID Number

Penalty amount: 000038800

Air program: NATIVE AMERICAN

National action type: OTHER ADDRESSING ACTION

Date achieved: 040824
Penalty amount: Not reported

Air program: NATIVE AMERICAN

National action type: 113 APO COMPLAINT FILED

Date achieved: 040824
Penalty amount: Not reported

Air program: NATIVE AMERICAN National action type: FEDERAL DAY ZERO

Date achieved: 040824
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: OTHER ADDRESSING ACTION

Date achieved: 040824
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: 113 APO COMPLAINT FILED

Date achieved: 040824
Penalty amount: 000038800

Air program: TITLE V PERMITS

National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY

Date achieved: 041021
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: COMPLIANCE CERTIFICATION EPA REVIEW

Date achieved: 041021
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: COMPLIANCE CERTIFICATION EPA REVIEW

Date achieved: 041216
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: COMPLIANCE CERTIFICATION EPA REVIEW

Date achieved: 050203
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY

Date achieved: 060804
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY

Date achieved: 061026
Penalty amount: Not reported

MAP FINDINGS Map ID Direction

Distance Elevation

EDR ID Number Site Database(s) **EPA ID Number**

COLMAC ENERGY INC (Continued)

1004675438

Air program: TITLE V PERMITS

TITLE V COMPLIANCE CERT DUE/RECEIVED BY National action type:

070514 Date achieved: Penalty amount: Not reported

TITLE V PERMITS Air program:

TITLE V COMPLIANCE CERT DUE/RECEIVED BY National action type:

Date achieved: 080828 Penalty amount: Not reported

TITLE V PERMITS Air program:

National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY

Date achieved: 080926 Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY

Date achieved: 090302 Penalty amount: Not reported

Air program: TITLE V PERMITS

TITLE V COMPLIANCE CERT DUE/RECEIVED BY National action type:

Date achieved: 090605 Penalty amount: Not reported

Air program: SIP SOURCE

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 970930 Penalty amount: 00000000

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 0901 Air prog code hist file: 0

IN COMPLIANCE - INSPECTION State compliance status:

Hist compliance date: 0901 Air prog code hist file: 9

IN COMPLIANCE - INSPECTION State compliance status:

Hist compliance date: 0901 Air prog code hist file:

IN COMPLIANCE - INSPECTION State compliance status:

Hist compliance date: 0902 Air prog code hist file:

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 0902 Air prog code hist file:

IN COMPLIANCE - INSPECTION State compliance status:

Hist compliance date: 0902 Air prog code hist file:

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 0903

Distance
Elevation Site Database(s)

COLMAC ENERGY INC (Continued)

Air prog code hist file:

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 0903 Air prog code hist file: I

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 0904 Air prog code hist file: 0

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 0904 Air prog code hist file: 9

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 0904 Air prog code hist file: I

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 0904 Air prog code hist file: V

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1001 Air prog code hist file: 0

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1001 Air prog code hist file: 9

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1001 Air prog code hist file: I

State compliance status: IN COMPLIANCE - INSPECTION Hist compliance date: 1001

Hist compliance date: 10
Air prog code hist file: V

State compliance status: IN COMPLIANCE - INSPECTION Hist compliance date: 1002

Hist compliance date: 10
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1002 Air prog code hist file: 9

State compliance status: IN COMPLIANCE - INSPECTION Hist compliance date: 1002

Air prog code hist file:

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1002 Air prog code hist file: V

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1003
Air prog code hist file: 0

EDR ID Number

EPA ID Number

1004675438

Direction Distance Elevation

Site Database(s) EPA ID Number

COLMAC ENERGY INC (Continued)

State compliance status: IN

IN COMPLIANCE - INSPECTION

Hist compliance date: 1003 Air prog code hist file: 9

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1003 Air prog code hist file: I

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1003 Air prog code hist file: V

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 10 Air prog code hist file: 0

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1004 Air prog code hist file: 9

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1004 Air prog code hist file: I

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1004 Air prog code hist file: V

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1101 Air prog code hist file: 0

State compliance status: IN COMPLIANCE - INSPECTION Hist compliance date: 1101

Air prog code hist file: 9

State compliance status: IN COMPLIANCE - INSPECTION Hist compliance date: 1101

Hist compliance date: 11
Air prog code hist file: I

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1101 Air prog code hist file: V

State compliance status: IN COMPLIANCE - INSPECTION Hist compliance date: 1102

Hist compliance date: 110
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1102 Air prog code hist file: 9

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1102 Air prog code hist file: I

State compliance status: IN COMPLIANCE - INSPECTION

EDR ID Number

1004675438

Distance Elevation

Site Database(s) EPA ID Number

COLMAC ENERGY INC (Continued)

Hist compliance date: 1102 Air prog code hist file: V

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1103 Air prog code hist file: 0

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1103 Air prog code hist file: 9

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1103 Air prog code hist file: I

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1103 Air prog code hist file: V

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1104 Air prog code hist file: 0

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1104 Air prog code hist file: 9

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1104 Air prog code hist file: I

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1104
Air prog code hist file: V

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 09
Air prog code hist file: I

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 0902 Air prog code hist file: 9

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 0903 Air prog code hist file: 0

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 0903 Air prog code hist file: V

Permit Information:

Compliance plant ID: CAB27
Permit number: CB-OP-99-01

Permit category: V

Permit category desc: TITLE V PERMIT - PLANT SP

EDR ID Number

1004675438

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

COLMAC ENERGY INC (Continued)

1004675438

Permit Source:

Compliance plant ID: CAB27

COLMAC ENERGY INC Plant name:

Plant address: 62-300 GENE WELMAS(CABAZON RES

MECCA, CA 92254

Event Information:

Compliance permit ID: CAB27 Permit number: CB-OP-99-01

Event action type: ΙF

*PERMIT AUTHORITY ISSUES FINAL PERMIT Event description:

Event action #: 001 Event date: 20000802

IND RES **TORRES-MARTINEZ INDIAN RESERVATION** Region

CIND100476 **INDIAN RESERV** N/A

N/A

< 1/8 1 ft.

INDIAN RESERV:

Feature: Indian Reservation

TORRES-MARTINEZ INDIAN RE (County), CA

Name: Torres-Martinez Indian Reservation

Agency: BIA State: CA

B3 NUTRITIONAL FOOD PRODUCTS LUST 1002671448

SE **64-405 LINCOLN** 1/4-1/2 MECCA, CA 92254

0.301 mi.

1591 ft. Site 1 of 2 in cluster B

LUST: Relative:

Higher Region: STATE Global Id: T0606500987 Actual: Latitude: 33.5339969 -168 ft.

Longitude: -115.9805654 Case Type: LUST Cleanup Site Status: Completed - Case Closed

04/21/1997 Status Date:

Lead Agency: RIVERSIDE COUNTY LOP

Case Worker:

Local Agency: RIVERSIDE COUNTY LOP

RB Case Number: 7T2254008 LOC Case Number: 96400

File Location: Local Agency Warehouse

Potential Media Affect: Soil Potential Contaminants of Concern: Diesel Not reported Site History:

Click here to access the California GeoTracker records for this facility:

LUST:

T0606500987 Global Id:

Contact Type: Regional Board Caseworker

Direction Distance

Elevation Site Database(s) EPA ID Number

NUTRITIONAL FOOD PRODUCTS (Continued)

1002671448

EDR ID Number

Contact Name: Phan Le

Organization Name: COLORADO RIVER BASIN RWQCB (REGION 7)
Address: 73720 FRED WARING DRIVE SUITE #100

City: PALM DESERT ple@waterboards.ca.gov

Phone Number: Not reported

Global Id: T0606500987

Contact Type: Local Agency Caseworker

Contact Name: Riverside County LOP Closed Cases

Organization Name: RIVERSIDE COUNTY LOP

 Address:
 PO Box 1280

 City:
 RIVERSIDE

 Email:
 Not reported

 Phone Number:
 9519558982

LUST:

 Global Id:
 T0606500987

 Action Type:
 ENFORCEMENT

 Date:
 04/21/1997

Action: Closure/No Further Action Letter - #Riv Co Closure

 Global Id:
 T0606500987

 Action Type:
 ENFORCEMENT

 Date:
 04/20/1997

Action: File review - #RCDEH Upload Site File 7/22/2010

 Global Id:
 T0606500987

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Stopped

 Global Id:
 T0606500987

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Reported

 Global Id:
 T0606500987

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Discovery

LUST REG 7:

Region:

Status: 9 - Case Closed Case Num: 7T2254008

Substance: Diesel fuel oil and additives

ID: 1041

Global ID: T0606500987 Lead Agency: Local Agency

Case Worker: KO

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

 B4
 BILL WORDEN
 HIST CORTESE
 \$103667987

 SE
 64405 LINCOLN
 LUST
 N/A

1/4-1/2 MECCA, CA 92254

0.303 mi.

1599 ft. Site 2 of 2 in cluster B

Relative: CORTESE:

HigherRegion:CORTESEFacility County Code:33

 Actual:
 Reg By:
 LTNKA

 -168 ft.
 Reg Id:
 7T2254008

RIVERSIDE CO. LUST:

Region: RIVERSIDE
Facility ID: 96400
Employee: Shurlow-LOP
Site Closed: Yes

Case Type: Soil only

Facility Status: closed/action completed

HAZNET:

Year: 1999

Gepaid: CAC001212688
Contact: BILL WORDEN
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 398

Mailing City, St, Zip: MECCA, CA 922540000

Gen County: Riverside
TSD EPA ID: CAD008252405
TSD County: Los Angeles

Waste Category: Unspecified solvent mixture

Disposal Method: Recycler
Tons: 0.2293
Facility County: Riverside

Year: 1999

Gepaid: CAC001212688
Contact: BILL WORDEN
Telephone: 000000000
Mailing Name: Not reported
Mailing Address: PO BOX 398

Mailing City, St, Zip: MECCA, CA 922540000

Gen County: Riverside
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station

Tons: 0.2293 Facility County: Riverside

Year: 1999

Gepaid: CAC001212688
Contact: BILL WORDEN
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 398

Mailing City, St, Zip: MECCA, CA 922540000

HAZNET

Distance

Elevation Site Database(s) EPA ID Number

BILL WORDEN (Continued)

S103667987

EDR ID Number

Gen County: Riverside
TSD EPA ID: CAD982444481
TSD County: San Bernardino

Waste Category: Unspecified organic liquid mixture

Disposal Method: Transfer Station
Tons: 2.7313
Facility County: Riverside

Year: 1999

Gepaid: CAC001212688
Contact: BILL WORDEN
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 398

Mailing City, St, Zip: MECCA, CA 922540000

Gen County: Riverside
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Other organic solids
Disposal Method: Transfer Station

Tons: 0.2 Facility County: Riverside

Year: 1996

Gepaid: CAC001212688
Contact: BILL WORDEN
Telephone: 000000000
Mailing Name: Not reported
Mailing Address: PO BOX 398

Mailing City, St, Zip: MECCA, CA 922540000

Gen County: Riverside
TSD EPA ID: CAD982484933

TSD County: 7

Waste Category: Other empty containers 30 gallons or more

Disposal Method: Recycler
Tons: 5.0000
Facility County: Riverside

<u>Click this hyperlink</u> while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

Count: 24 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MECCA	S105024920	CHEVRON MECCA	91200 HWY 195	92254	HIST CORTESE, LUST
MECCA	1007569212	WESTERN ENVIRONMENTAL INCORPORATED	62 150 GENE WELMAS DR	92254	RCRA-NonGen, HAZNET
MECCA	1003878999	PARKSIDE	SW QUARTER OF S31, T7S, R11E	92254	CERC-NFRAP
NORTH SHORE	S110654945	CA PARKS & REC SALTON SEA	HWY 111	92254	LUST
NORTH SHORE	1010726088	PARKSIDE DRIVE SITE	PARKSIDE DRIVE & AMERICAN CANA	92254	FINDS
NORTH SHORE	1003878719	ALL AMERICAN CANAL	PARKSIDE DR & AMER CANAL	92254	CERC-NFRAP
NORTH SHORE	U001574038	SKIPS	98775 STATE HIGHWAY 111	92254	HIST UST
NORTH SHORE	U003971223	SOCO SKIP'S	98775 STATE HIGHWAY 111	92254	UST
OASIS	S101631107	ALAMO DISCOUNT MARKET	81050 HIGHWAY 86	92274	CA FID UST, SWEEPS UST
RIVERSIDE COUNTY	2011973230	2260 NORTH INDIAN CANYON DRIVE APT	2260 NORTH INDIAN CANYON DRIVE		ERNS
THERMAL	S101300510	OASIS STATION	80705 HWY 111		HIST CORTESE, LUST
THERMAL	S105027062	JPH ENTERPRISES	HWY 111/AVENUE 60	92274	HIST CORTESE
THERMAL	1010313704	DESERT MOBILE HOME PARK INC	68 HWY 195	92274	RCRA-CESQG
THERMAL	U001574202	HORNUNG RANCH	92-770 HWY 86	92274	HIST UST
THERMAL	U001574231	TINACHI RANCH	HIGHWAY 86	92274	HIST UST
THERMAL	U003802011	ALAMO DISCOUNT MARKET	81050 HWY 86	92274	UST
THERMAL	S106880180	JPH ENTERPRISES	HWY 86 & AVE 60		LUST
THERMAL	S105025336	SALS TIRES	81050 HWY 86	92274	HIST CORTESE, LUST, HAULERS
THERMAL	S110654952	JPH ENTERPRISES	HWY 86 & AVE 60	92274	LUST
THERMAL	U001574217	PETER RABBIT FARMS	AVE 58 BETWEEN HWY 86 / VAN	92274	HIST UST
THERMAL	S107736881	NEW OASIS ELEMENTARY SCHOOL	SEC OLD HIGHWAY 86	92274	SCH, ENVIROSTOR
THERMAL	U003802948	OASIS STATION	80705 STATE HIGHWAY 86	92274	UST
THERMAL	U002095291	CHAPALLA MARKET	66351 STATE HIGHWAY 86	92274	CA FID UST, SWEEPS UST
THERMAL	U001967915	OASIS STATION	80705 STATE HIGHWAY 86	92274	CA FID UST, SWEEPS UST

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/01/2012 Source: EPA
Date Data Arrived at EDR: 10/11/2012 Telephone: N/A

Number of Days to Update: 70 Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/01/2012 Source: EPA
Date Data Arrived at EDR: 10/11/2012 Telephone: N/A

Number of Days to Update: 70 Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA

Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/01/2012 Date Data Arrived at EDR: 10/11/2012 Date Made Active in Reports: 12/20/2012

Number of Days to Update: 70

Source: EPA Telephone: N/A

Last EDR Contact: 10/11/2012

Next Scheduled EDR Contact: 01/21/2013 Data Release Frequency: Quarterly

Federal CERCLIS list

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

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

Number of Days to Update: 14

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 10/09/2012 Date Made Active in Reports: 12/20/2012

Number of Days to Update: 72

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 10/09/2012

Next Scheduled EDR Contact: 01/21/2013 Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

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

Number of Days to Update: 14

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011 Date Data Arrived at EDR: 08/31/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 132

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 11/29/2012

Next Scheduled EDR Contact: 01/14/2013 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 11/29/2012

Next Scheduled EDR Contact: 01/14/2013 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 11/29/2012

Next Scheduled EDR Contact: 01/14/2013 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 11/29/2012

Next Scheduled EDR Contact: 01/14/2013 Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/18/2012 Date Data Arrived at EDR: 07/24/2012 Date Made Active in Reports: 11/05/2012 Number of Days to Update: 104

Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/18/2012 Date Data Arrived at EDR: 07/24/2012 Date Made Active in Reports: 11/05/2012

Telephone: 703-603-0695 Last EDR Contact: 12/10/2012

Number of Days to Update: 104

Next Scheduled EDR Contact: 03/25/2013

Source: Environmental Protection Agency

Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007 Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 11/15/2012

Number of Days to Update: 31

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 04/02/2012 Date Data Arrived at EDR: 04/03/2012 Date Made Active in Reports: 06/14/2012

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 10/02/2012

Number of Days to Update: 72

Next Scheduled EDR Contact: 01/14/2013 Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity.

These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012 Source: Department of Toxic Substances Control Telephone: 916-323-3400 Last EDR Contact: 12/06/2012

Number of Days to Update: 24

Next Scheduled EDR Contact: 02/18/2013

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/06/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 08/20/2012 Date Data Arrived at EDR: 08/20/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 44

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320 Last EDR Contact: 11/19/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004 Date Data Arrived at EDR: 10/20/2004 Date Made Active in Reports: 11/19/2004

Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-622-2433 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

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

Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)

Telephone: 707-570-3769 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

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

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: State Water Resources Control Board Telephone: see region list

Last EDR Contact: 12/17/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004 Date Data Arrived at EDR: 02/26/2004 Date Made Active in Reports: 03/24/2004

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)

Telephone: 760-776-8943 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003 Date Data Arrived at EDR: 05/19/2003 Date Made Active in Reports: 06/02/2003

Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-542-4786 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004 Date Data Arrived at EDR: 09/07/2004 Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6710 Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011 Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003 Date Data Arrived at EDR: 09/10/2003 Date Made Active in Reports: 10/07/2003

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)

Telephone: 530-542-5572 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008 Date Data Arrived at EDR: 07/22/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-4834 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001 Date Data Arrived at EDR: 04/23/2001 Date Made Active in Reports: 05/21/2001

Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-637-5595 Last EDR Contact: 09/26/2011

Next Scheduled EDR Contact: 01/09/2012 Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

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

Date of Government Version: 02/14/2005 Date Data Arrived at EDR: 02/15/2005 Date Made Active in Reports: 03/28/2005

Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)

Telephone: 909-782-4496 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005 Date Data Arrived at EDR: 06/07/2005 Date Made Active in Reports: 06/29/2005

Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Telephone: 760-241-7365 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/17/2012

Next Scheduled EDR Contact: 04/01/2013

Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003 Date Data Arrived at EDR: 04/07/2003 Date Made Active in Reports: 04/25/2003

Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)

Telephone: 707-576-2220 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004 Date Data Arrived at EDR: 10/20/2004 Date Made Active in Reports: 11/19/2004

Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: Quarterly

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006 Date Data Arrived at EDR: 05/18/2006 Date Made Active in Reports: 06/15/2006

Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-549-3147 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004 Date Data Arrived at EDR: 11/18/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Varies

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005 Date Data Arrived at EDR: 04/05/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-3291 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005 Date Data Arrived at EDR: 05/25/2005 Date Made Active in Reports: 06/16/2005

Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004 Date Data Arrived at EDR: 09/07/2004 Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004 Date Data Arrived at EDR: 11/29/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008 Date Data Arrived at EDR: 04/03/2008 Date Made Active in Reports: 04/14/2008

Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 951-782-3298 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007 Date Data Arrived at EDR: 09/11/2007 Date Made Active in Reports: 09/28/2007

Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-467-2980 Last EDR Contact: 08/08/2011

Next Scheduled EDR Contact: 11/21/2011 Data Release Frequency: Annually

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

Date of Government Version: 08/01/2012 Date Data Arrived at EDR: 08/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 75

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 10/30/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

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

Date of Government Version: 12/14/2011 Date Data Arrived at EDR: 12/15/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 26

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Semi-Annually

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

Date of Government Version: 08/17/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

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

Date of Government Version: 09/12/2011 Date Data Arrived at EDR: 09/13/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 59

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012 Date Data Arrived at EDR: 05/09/2012 Date Made Active in Reports: 07/10/2012

Number of Days to Update: 62

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/07/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 39

Source: Environmental Protection Agency Telephone: 415-972-3372 Last EDR Contact: 07/26/2012 Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/27/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: SWRCB Telephone: 916-341-5851 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009 Date Data Arrived at EDR: 09/10/2009 Date Made Active in Reports: 10/01/2009

Number of Days to Update: 21

Source: State Water Resources Control Board

Telephone: 916-327-5092 Last EDR Contact: 10/22/2012

Next Scheduled EDR Contact: 01/21/2013 Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2012 Date Data Arrived at EDR: 05/02/2012 Date Made Active in Reports: 07/16/2012

Number of Days to Update: 75

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011 Date Data Arrived at EDR: 12/15/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 26

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/02/2012 Date Data Arrived at EDR: 08/03/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 94

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011 Date Data Arrived at EDR: 05/11/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 34

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/17/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/27/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/01/2012 Date Data Arrived at EDR: 08/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 75

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/07/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 39

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 10/15/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012 Date Data Arrived at EDR: 10/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 14

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 10/02/2012

Next Scheduled EDR Contact: 01/14/2013 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/06/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/10/2012 Date Data Arrived at EDR: 12/11/2012 Date Made Active in Reports: 12/20/2012

Number of Days to Update: 9

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 07/03/2012

Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000 Date Data Arrived at EDR: 04/10/2000 Date Made Active in Reports: 05/10/2000

Number of Days to Update: 30

Source: State Water Resources Control Board

Telephone: 916-227-4448 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/17/2012 Date Data Arrived at EDR: 09/19/2012 Date Made Active in Reports: 10/12/2012

Number of Days to Update: 23

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 12/20/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

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

Date of Government Version: 07/09/2012 Date Data Arrived at EDR: 07/12/2012 Date Made Active in Reports: 09/06/2012

Number of Days to Update: 56

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 12/14/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

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

Date of Government Version: 07/11/2012 Date Data Arrived at EDR: 09/12/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 54

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005 Date Data Arrived at EDR: 08/03/2006 Date Made Active in Reports: 08/24/2006

Number of Days to Update: 21

Source: Department of Toxic Substance Control

Telephone: 916-323-3400 Last EDR Contact: 02/23/2009

Next Scheduled EDR Contact: 05/25/2009 Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/06/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

Number of Days to Update: 27

Source: State Water Resources Control Board

Telephone: 916-227-4364 Last EDR Contact: 01/26/2009

Next Scheduled EDR Contact: 04/27/2009 Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

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

Date of Government Version: 06/30/2012 Date Data Arrived at EDR: 09/12/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 21

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

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

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

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

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

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

Number of Days to Update: 24

Source: California Environmental Protection Agency

Telephone: 916-341-5851 Last EDR Contact: 12/28/1998 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009 Date Data Arrived at EDR: 09/23/2009 Date Made Active in Reports: 10/01/2009

Number of Days to Update: 8

Source: Department of Public Health

Telephone: 707-463-4466 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990 Date Data Arrived at EDR: 01/25/1991 Date Made Active in Reports: 02/12/1991

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-341-5851 Last EDR Contact: 07/26/2001 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

The local agency is the contact for more information on a site

Date of Government Version: 06/01/1994 Date Data Arrived at EDR: 07/07/2005 Date Made Active in Reports: 08/11/2005

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: N/A

Last EDR Contact: 06/03/2005 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012 Date Data Arrived at EDR: 03/26/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 80

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

LIENS: Environmental Liens Listing

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

Date of Government Version: 09/18/2012 Date Data Arrived at EDR: 09/19/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 14

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

DEED: Deed Restriction Listing

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

Date of Government Version: 09/10/2012 Date Data Arrived at EDR: 09/11/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 22

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 04/01/2012 Date Data Arrived at EDR: 04/03/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 72

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 10/02/2012

Next Scheduled EDR Contact: 01/14/2013

Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 03/28/2012 Date Data Arrived at EDR: 05/01/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 24

Source: Office of Emergency Services

Telephone: 916-845-8400 Last EDR Contact: 11/02/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

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

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: State Water Quality Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/17/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

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

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/17/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

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

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 11/29/2012

Next Scheduled EDR Contact: 01/14/2013 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 11/06/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS Telephone: 888-275-8747 Last EDR Contact: 10/18/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 08/12/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 112

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 10/01/2012 Date Data Arrived at EDR: 10/19/2012 Date Made Active in Reports: 12/20/2012

Number of Days to Update: 62

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 02/27/2012 Date Data Arrived at EDR: 03/14/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 92

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/07/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011 Date Data Arrived at EDR: 09/08/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 12/05/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 09/01/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 131

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Every 4 Years

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA Telephone: 202-566-1667 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011 Date Data Arrived at EDR: 11/10/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 10/19/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010 Date Data Arrived at EDR: 11/10/2010 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 98

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 10/19/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011 Date Data Arrived at EDR: 07/15/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 60

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2012 Date Data Arrived at EDR: 10/02/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 10/02/2012

Next Scheduled EDR Contact: 01/21/2013 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011 Date Data Arrived at EDR: 12/13/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 79

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 11/30/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of

Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989 Date Data Arrived at EDR: 07/27/1994 Date Made Active in Reports: 08/02/1994

Number of Days to Update: 6

Source: Department of Health Services

Telephone: 916-255-2118 Last EDR Contact: 05/31/1994 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 08/14/2012 Date Data Arrived at EDR: 09/19/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 14

Source: Deaprtment of Conservation Telephone: 916-445-2408

Telephone: 916-445-2408 Last EDR Contact: 12/21/2012

Next Scheduled EDR Contact: 12/31/2012 Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/20/2012 Date Data Arrived at EDR: 08/20/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 44

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 11/19/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 10/01/2012 Sor

Date Data Arrived at EDR: 10/02/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 21

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 10/02/2012

Next Scheduled EDR Contact: 01/14/2013 Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001 Date Data Arrived at EDR: 01/22/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 76

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/22/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993 Date Data Arrived at EDR: 11/01/1993 Date Made Active in Reports: 11/19/1993

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-445-3846 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 01/19/2012 Date Data Arrived at EDR: 01/19/2012 Date Made Active in Reports: 02/21/2012

Number of Days to Update: 33

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 12/24/2012 Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009 Date Data Arrived at EDR: 07/21/2009 Date Made Active in Reports: 08/03/2009

Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/15/2011 Date Data Arrived at EDR: 08/23/2011 Date Made Active in Reports: 10/03/2011

Number of Days to Update: 41

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 11/15/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 06/22/2012 Date Made Active in Reports: 07/06/2012

Number of Days to Update: 14

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 10/15/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 10/18/2010

Number of Days to Update: 19

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 10/18/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 10/22/2012

Next Scheduled EDR Contact: 02/04/2013 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 10/16/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/15/2012 Date Data Arrived at EDR: 10/16/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 22

Source: Department of Toxic Substances Control

Telephone: 916-440-7145 Last EDR Contact: 10/16/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/28/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 36

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/14/2012 Date Data Arrived at EDR: 08/20/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 44

Source: California Integrated Waste Management Board

Telephone: 916-341-6066 Last EDR Contact: 11/16/2012

Next Scheduled EDR Contact: 03/04/2013

Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007 Date Data Arrived at EDR: 06/01/2007 Date Made Active in Reports: 06/29/2007

Number of Days to Update: 28

Source: Department of Toxic Substances Control

Telephone: 916-255-3628 Last EDR Contact: 11/02/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011 Date Data Arrived at EDR: 05/18/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 08/16/2012

Next Scheduled EDR Contact: 11/26/2012 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 10/18/2012

Next Scheduled EDR Contact: 01/28/2013

Data Release Frequency: N/A

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 32

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 10/04/2012

Next Scheduled EDR Contact: 01/14/2013 Data Release Frequency: Quarterly

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007 Date Data Arrived at EDR: 06/20/2007 Date Made Active in Reports: 06/29/2007

Number of Days to Update: 9

Source: State Water Resources Control Board

Telephone: 916-341-5227 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/18/2012 Date Data Arrived at EDR: 01/27/2012 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 34

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 01/18/2012 Date Data Arrived at EDR: 01/27/2012 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 34

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/13/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 36

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/20/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 69

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 11/16/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 10/19/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 11/02/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

PROC: Certified Processors Database A listing of certified processors.

Date of Government Version: 09/17/2012 Date Data Arrived at EDR: 09/19/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 14

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 12/20/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/12/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 21

Source: Department of Public Health Telephone: 916-558-1784 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 10/09/2012 Date Data Arrived at EDR: 10/12/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 26

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/09/2012 Date Data Arrived at EDR: 10/12/2012 Date Made Active in Reports: 10/24/2012

Number of Days to Update: 12

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Semi-Annually

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 10/16/2012 Date Data Arrived at EDR: 10/17/2012 Date Made Active in Reports: 11/13/2012

Number of Days to Update: 27

Source: Public Health Department Telephone: 530-538-7149 Last EDR Contact: 10/15/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Varies

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 08/16/2012 Date Data Arrived at EDR: 08/22/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 42

Source: Health & Human Services Telephone: 530-458-0396

Last EDR Contact: 01/02/2013

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 10/10/2012 Date Data Arrived at EDR: 10/11/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 27

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Semi-Annually

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/20/2012 Date Data Arrived at EDR: 08/22/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 42

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

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

Date of Government Version: 09/30/2012 Date Data Arrived at EDR: 10/05/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 18

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 10/28/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List CUPA facility list.

> Date of Government Version: 09/10/2012 Date Data Arrived at EDR: 09/11/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 22

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 05/01/2012 Date Data Arrived at EDR: 05/02/2012 Date Made Active in Reports: 06/11/2012

Number of Days to Update: 40

Source: San Diego Border Field Office

Telephone: 760-339-2777 Last EDR Contact: 10/04/2012

Next Scheduled EDR Contact: 11/12/2012 Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/26/2012 Date Data Arrived at EDR: 06/27/2012 Date Made Active in Reports: 08/17/2012

Number of Days to Update: 51

Source: Inyo County Environmental Health Services

Telephone: 760-878-0238 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

> Date of Government Version: 08/31/2010 Date Data Arrived at EDR: 09/01/2010 Date Made Active in Reports: 09/30/2010

Number of Days to Update: 29

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county?s Certified Unified Program Agency database. California?s Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 07/10/2012 Date Data Arrived at EDR: 07/12/2012 Date Made Active in Reports: 09/06/2012

Number of Days to Update: 56

Source: Kings County Department of Public Health

Telephone: 559-584-1411 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 10/23/2009

Number of Days to Update: 206

Source: EPA Region 9 Telephone: 415-972-3178 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 06/28/2012 Date Data Arrived at EDR: 09/25/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 28

Source: Department of Public Works

Telephone: 626-458-3517 Last EDR Contact: 07/16/2012

Next Scheduled EDR Contact: 10/26/2012 Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/22/2012 Date Data Arrived at EDR: 10/23/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 38

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 10/23/2012

Next Scheduled EDR Contact: 02/04/2013 Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009 Date Data Arrived at EDR: 03/10/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 29

Source: Engineering & Construction Division

Telephone: 213-473-7869 Last EDR Contact: 11/16/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 12/29/2011 Date Data Arrived at EDR: 02/02/2012 Date Made Active in Reports: 02/21/2012

Number of Days to Update: 19

Source: Community Health Services Telephone: 323-890-7806 Last EDR Contact: 10/22/2012

Next Scheduled EDR Contact: 02/04/2013 Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 10/23/2012 Date Data Arrived at EDR: 10/25/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 36

Source: City of El Segundo Fire Department

Telephone: 310-524-2236 Last EDR Contact: 10/22/2012

Next Scheduled EDR Contact: 02/04/2013 Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003 Date Data Arrived at EDR: 10/23/2003 Date Made Active in Reports: 11/26/2003

Number of Days to Update: 34

Source: City of Long Beach Fire Department

Telephone: 562-570-2563 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/15/2012 Date Data Arrived at EDR: 10/19/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 19

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 10/15/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county?s Certified Unified Program Agency database. California?s Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 09/17/2012 Date Data Arrived at EDR: 09/18/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 15

Source: Madera County Environmental Health

Telephone: 559-675-7823 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 07/24/2012 Date Data Arrived at EDR: 07/31/2012 Date Made Active in Reports: 09/14/2012

Number of Days to Update: 45

Source: Public Works Department Waste Management

Telephone: 415-499-6647 Last EDR Contact: 11/09/2012

Next Scheduled EDR Contact: 01/21/2013 Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 09/18/2012 Date Data Arrived at EDR: 09/19/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 14

Source: Merced County Environmental Health

Telephone: 209-381-1094 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 09/18/2012 Date Data Arrived at EDR: 09/18/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 15

Source: Monterey County Health Department

Telephone: 831-796-1297 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011 Date Data Arrived at EDR: 12/06/2011 Date Made Active in Reports: 02/07/2012

Number of Days to Update: 63

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008 Date Data Arrived at EDR: 01/16/2008 Date Made Active in Reports: 02/08/2008

Number of Days to Update: 23

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 12/05/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Community Development Agency

Telephone: 530-265-1467 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/16/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 17

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/16/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 17

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/15/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 18

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/05/2012 Date Data Arrived at EDR: 09/11/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 22

Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/16/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 12/26/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/16/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 12/26/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/01/2012 Date Data Arrived at EDR: 10/11/2012 Date Made Active in Reports: 11/02/2012

Number of Days to Update: 22

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 10/09/2012

Next Scheduled EDR Contact: 01/21/2013 Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

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

Date of Government Version: 08/08/2012 Date Data Arrived at EDR: 10/11/2012 Date Made Active in Reports: 11/13/2012

Number of Days to Update: 33

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 10/09/2012

Next Scheduled EDR Contact: 01/21/2013 Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

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

Date of Government Version: 08/29/2012 Date Data Arrived at EDR: 08/30/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 34

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/17/2012 Date Data Arrived at EDR: 08/20/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 44

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 01/02/2013

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013

Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010 Date Data Arrived at EDR: 06/15/2010 Date Made Active in Reports: 07/09/2010

Number of Days to Update: 24

Source: San Diego County Department of Environmental Health

Telephone: 619-338-2371 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 09/29/2008

Number of Days to Update: 10

Source: Department Of Public Health San Francisco County

Telephone: 415-252-3920 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010 Date Data Arrived at EDR: 03/10/2011 Date Made Active in Reports: 03/15/2011

Number of Days to Update: 5

Source: Department of Public Health

Telephone: 415-252-3920 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 09/24/2012 Date Data Arrived at EDR: 09/25/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 28

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 09/24/2012 Date Data Arrived at EDR: 09/25/2012 Date Made Active in Reports: 11/02/2012

Number of Days to Update: 38

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/19/2012 Date Made Active in Reports: 11/13/2012

Number of Days to Update: 25

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 12/12/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/13/2012 Date Data Arrived at EDR: 09/18/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 12/12/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011 Date Data Arrived at EDR: 09/09/2011 Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005 Date Data Arrived at EDR: 03/30/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 22

Source: Santa Clara Valley Water District

Telephone: 408-265-2600 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 09/04/2012 Date Data Arrived at EDR: 09/06/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 27

Source: Department of Environmental Health

Telephone: 408-918-3417 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/13/2012 Date Data Arrived at EDR: 11/14/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 19

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 08/23/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 36

Source: Santa Cruz County Environmental Health

Telephone: 831-464-2761 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/22/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 36

Source: Shasta County Department of Resource Management

Telephone: 530-225-5789 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 09/14/2012 Date Data Arrived at EDR: 10/05/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 18

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 12/12/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/14/2012 Date Data Arrived at EDR: 10/09/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 14

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 12/12/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/02/2012 Date Data Arrived at EDR: 10/03/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 20

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/11/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 22

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/30/2012 Date Data Arrived at EDR: 05/25/2012 Date Made Active in Reports: 07/06/2012

Number of Days to Update: 42

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 11/21/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011 Date Data Arrived at EDR: 12/01/2011 Date Made Active in Reports: 01/19/2012

Number of Days to Update: 49

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 10/04/2012

Next Scheduled EDR Contact: 01/21/2013 Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008 Date Data Arrived at EDR: 06/24/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 37

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 11/15/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 10/29/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 27

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/27/2012 Date Data Arrived at EDR: 09/20/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 33

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 12/17/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report Underground storage tank sites located in Yolo county.

Date of Government Version: 10/02/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 19

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 08/16/2012 Date Data Arrived at EDR: 08/16/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 48

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/19/2012 Date Data Arrived at EDR: 11/19/2012 Date Made Active in Reports: 01/03/2013

Number of Days to Update: 45

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 11/19/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 08/28/2012

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 10/16/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/01/2012 Date Data Arrived at EDR: 11/07/2012 Date Made Active in Reports: 12/11/2012

Number of Days to Update: 34

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 11/07/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/23/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 57

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 10/22/2012

Next Scheduled EDR Contact: 02/04/2013 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 06/22/2012 Date Made Active in Reports: 07/31/2012

Number of Days to Update: 39

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 09/27/2012

Number of Days to Update: 70

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 12/13/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are

comparable across all states. Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

62-300 GENE WELMAS DRIVE 62-300 GENE WELMAS DRIVE THERMAL, CA 92274

TARGET PROPERTY COORDINATES

Latitude (North): 33.5867 - 33° 35' 12.12" Longitude (West): 116.087 - 116° 5' 13.20"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 584723.0 UTM Y (Meters): 3716512.0

Elevation: 168 ft. below sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 33116-E1 MECCA, CA

Most Recent Revision: 1972

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

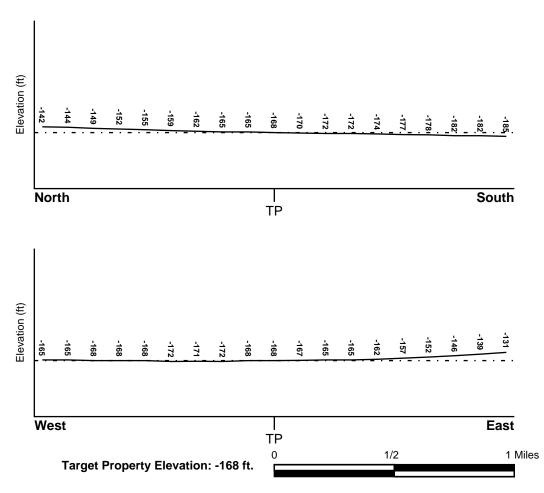
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

FEMA Flood Electronic Data

Target Property County RIVERSIDE, CA

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

06065C - FEMA DFIRM Flood data

Additional Panels in search area:

Not Reported

NATIONAL WETLAND INVENTORY

NWI Electronic

NWI Quad at Target Property

Data Coverage

MECCA

YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 GROUNDWATER FLOW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

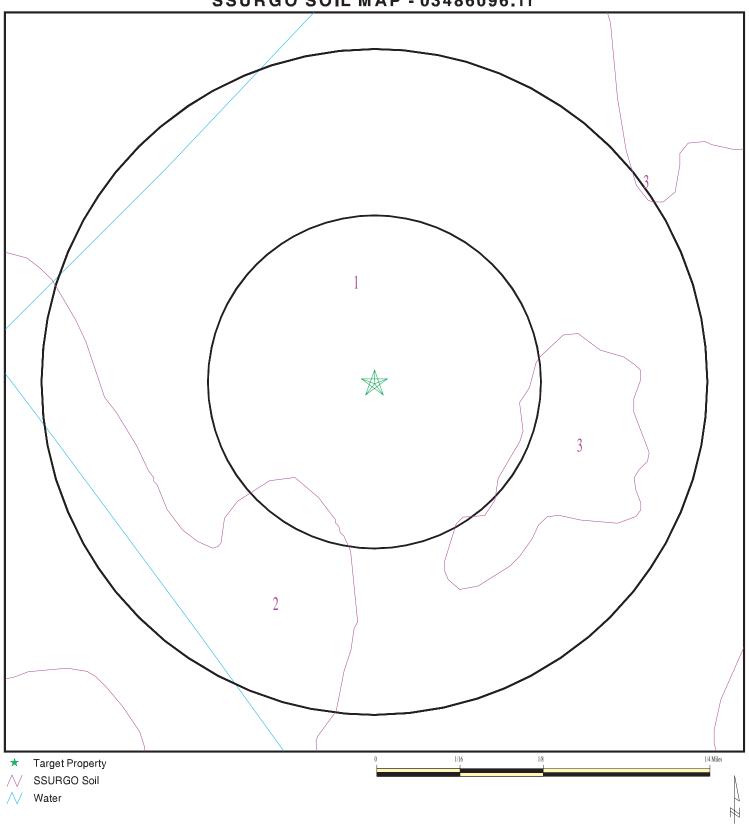
Era: Cenozoic Category: Stratifed Sequence

System: Quaternary Series: Quaternary

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

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

SSURGO SOIL MAP - 03486096.1r



SITE NAME: 62-300 Gene Welmas Drive ADDRESS: 62-300 Gene Welmas Drive Thermal CA 92274

LAT/LONG: 33.5867 / 116.087 CLIENT: ERM - West, Inc.
CONTACT: Sue Krobthong
INQUIRY#: 03486096.1r
DATE: January 03, 2013 9:43 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Indio

Soil Surface Texture: very fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	Soil Texture Class AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	9 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 7.9
2	9 inches	59 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 7.9

Soil Map ID: 2

Soil Component Name: Salton

Soil Surface Texture: silty clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high

water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 107 inches

Soil Layer Information							
Layer	Boundary			Classification		Saturated hydraulic	
	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	9 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9
2	9 inches	42 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9
3	42 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9

Soil Map ID: 3

Soil Component Name: Gilman

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

	Soil Layer Information							
	Boundary			Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)	
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 7.9	
2	7 inches	59 inches	stratified loamy sand to silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 7.9	

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE

Federal USGS Federal FRDS PWS

State Database

FEDERAL USGS WEL	L INFORMATION	
MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

SEARCH DISTANCE (miles)

Nearest PWS within 1 mile

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

1.000

LOCATION MAP ID WELL ID FROM TP No PWS System Found

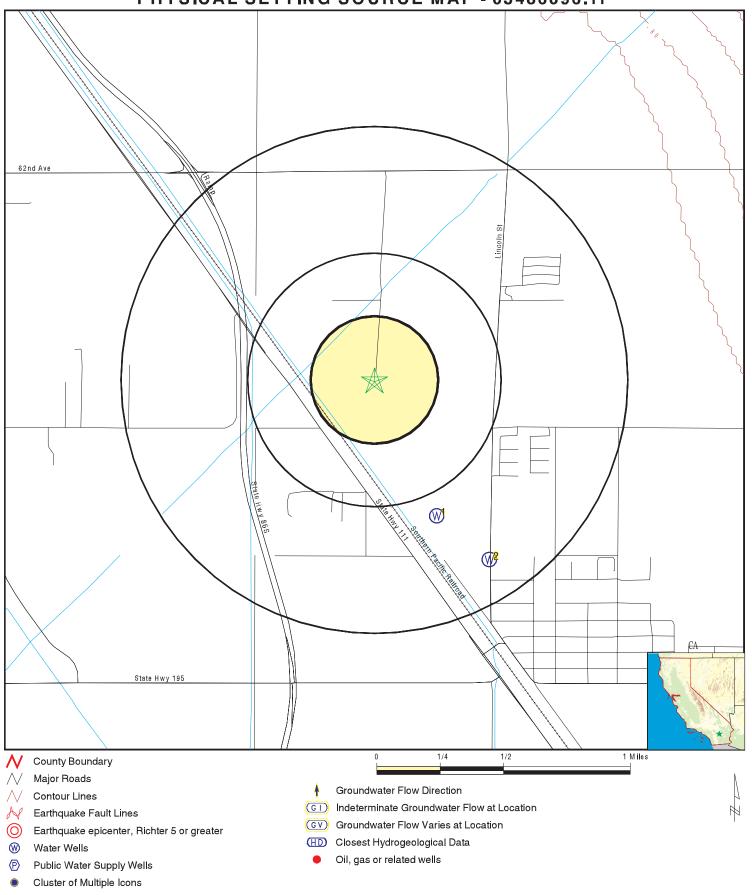
Note: PWS System location is not always the same as well location.

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1 2	7928 7929	1/2 - 1 Mile SSE 1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 03486096.1r



SITE NAME: 62-300 Gene Welmas Drive ADDRESS: 62-300 Gene Welmas Drive

Thermal CA 92274 LAT/LONG: 33.5867 / 116.087 CLIENT: ERM - West, Inc. CONTACT: Sue Krobthong INQUIRY #: 03486096.1r

DATE: January 03, 2013 9:43 am

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance

Elevation Database EDR ID Number

SSE **CA WELLS** 7928

1/2 - 1 Mile Lower

Water System Information:

33C Prime Station Code: 07S/09E-07H02 S User ID: FRDS Number: 3301466001 County: Riverside

District Number: Station Type: WELL/AMBNT/MUN/INTAKE 63

Water Type: Well/Groundwater Well Status: Active Raw

Source Lat/Long: 333444.0 1160455.0 Precision: 1,000 Feet (10 Seconds)

Source Name: WELL 01 System Number: 3301466

System Name: NUTRITIONAL FOOD PRODUCTS

Organization That Operates System:

Not Reported

MECCA, CA 92254

Pop Served: Connections: 2

Area Served: Not Reported

SSE **CA WELLS** 7929 1/2 - 1 Mile

Lower

Water System Information:

Prime Station Code: 07S/09E-07J01 S User ID: WAT FRDS Number: 3310063004 County: Riverside

District Number: 14 Station Type: WELL/AMBNT/MUN/INTAKE

Well/Groundwater Well Status: Water Type: Active Raw

Source Lat/Long: 333435.0 1160442.0 Precision: 100 Feet (one Second)

Source Name: **WELL 7993** System Number: 3310063

Coachella VWD: I.D. NO. 10 System Name:

Organization That Operates System:

P.O. Box 1058

Coachella, CA 92236

Pop Served: 3375

Connections: 1299

ID-10,13,14,15/MECCA Area Served:

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92274	1	0

Federal EPA Radon Zone for RIVERSIDE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for RIVERSIDE COUNTY, CA

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208 Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Appendix FProfessional Profiles





Gregory A. Merritt, M.P.H.





Mr. Merritt has over 22 years of experience conducting Phase I Environmental Site Asssessments, Phase II subsurface Investigation, and EH&S audits. He has also been an account manager for major national and international corporations. Mr. Merritt managed over 4,000 environmental site assessments for projects throughout the United States and internationally. Mr. Merritt specializes in the transportation industry as well as heavy industrial sites including chemical, automotive, and power generation plants. His projects have included all phases of due diligence including regulatory compliance, evaluations, liability subsurface investigations and remedial action on individual sites, as well as portfolios of over 200 properties. Mr. Merritt is the Midwest M&A Practice Leader for ERM.

Mr. Merritt has also conducted and managed numerous EH&S compliance audits. Mr. Merritt specializes in various industries including corn processing, transportation, telecommunication, power generation, and cruise ship. Mr. Merritt has also conducted OSHA/health and safety compliance audits at numerous electrical generation plants located throughout the U.S. For a multi-national telecommunication company, he conducted over 30 environmental, health and safety audits to determine the company's environmental and OSHA liabilities. Mr. Merritt has also managed underground storage tank removal projects.

Mr. Merritt received a BA in Environmental Studies from the University of Kansas as well as a M.P.H. in Environmental and Occupational Health Sciences from the University of Illinois at Chicago.

Registration

- OSHA 40-Hour Hazardous Waste Worker/Supervisor
- Wisconsin State Licensed Asbestos Supervisor
- AHERA Certified and IDPH Licensed Asbestos Project Manage, Inspector, Management Planner, Air Sampling Professional

Fields of Competence

- EH&S Regulatory Compliance Auditing
- Phase I Environmental Assessments
- Phase II Subsurface Investigations
- Asbestos Consulting
- Indoor Air Quality Surveys
- UST Removal Projects
- Industrial Hygiene

Education

- BA Environmental Studies, Kansas University
- M.P.H., Environmental and Occupational Health Sciences

Professional Affiliations

• Vice President - Illinois Association of Environmental Professionals (IAEP)



Key Projects

Conducted environmental audits for on a variety of cruise ships ranging in size from 50,000 to 150,000 tons. The audits were conducted as part of the company's Corporate Environmental Compliance Program. The audits were conducted to determine the company's outstanding environmental liability associated with both US regulations and MARPOL.

Conducted OSHA compliance audits of 10 electrical generation plants located in the U.S. The plants generated electricity by either hydro, burning biomass (wood) coal, and or tires. The OSHA compliance audits were conducted in conjunction with environmental compliance audits of the facilities. The audits identified a variety of issues, which with that information, provided corporate operations a vehicle to reevaluate their environmental, health and safety management system.

Project Manager in charge of conducting an environmental audit of a large corn processing plant located in Hammond, Indiana. The audit was conducted as part of the company's Corporate Environmental Compliance Program when purchasing a new plant. The audit was conducted to determine the outstanding environmental liability associated with both US and State of Indiana regulations. The audit identified numerous findings; however, the audit provided the client the knowledge and tools to limit the economic impact of non-compliance at the time they took control of the plant. The over benefit of the audit, saved the client millions of dollars in potential compliance violations.

Conducted an OSHA compliance audit of a pen ink testing laboratory located in Bellwood, Illinois. The Laboratory consisted of approximately 20,000 sq. ft. and included over 2,000 different chemicals. The OSHA compliance audit was conducted at the request of the parent Company to identified Health and Safety issues at the Lab, which with that information, could provide the Corporation a vehicle to reevaluate and prioritize their health and safety management system.

Project Manager in charge of an Environmental Assessment and Compliance Evaluation of The Indiana Toll Road (ITR) consisting of 157 miles of road, 23 Toll collection facilities, 10 Travel Plazas equipped with food and fueling, 4 maintenance/garage facilities which include 10 salt pits, and an administration building located in Granger, IN. The project was initiated by visiting the ITR Due Diligence Virtual Data Room to collect specific environmental information on the ITR system as a whole prior to the site inspections. ERM conducted a reconnaissance of the ITR and associated facilities. ERM compiled a preliminary potential cost scenario for each of the findings identified through out the ITR system. As a result of ERM's work as well as others on the project, Statewide Mobility Partners was able to successfully win the bid to purchase the ITR concession for over \$3 billion. According to Indiana State officials, the 117-day bid process was the fastest in the country for what now is the largest agreement of its type.

Project Manager in charge of an Environmental Assessment and Compliance Evaluation of the Pennsylvania Turnpike (PAT) that consisted of 20 Service Plazas, 21 Maintenance Facilities, 57 Fare Collection Facilities, 2 Traveller Information Centers, 5 Tunnel Systems, and over 530 miles or roadway. The project was initiated by visiting the PAT Due Diligence Virtual Data Room to collect specific environmental information on the PAT system as a whole prior to the site inspections. ERM conducted a reconnaissance of the PAT and associated facilities. ERM compiled a preliminary potential cost scenario for each of the findings identified through out the system.

Managed and conducted for Coach USA (motor coach facilities) over 400 Phase I Environmental site assessments including regulatory compliance with RCRA, CAA, CWA, CERCLA, SARA Title III, PCBs, USTs including sites in almost every state in the US and Canada. Coach USA became a company in 1995 and quickly be came the largest motor coach company in the US through acquisition. Mr Merritt managed the environmental portion of each of the mergers. Most of the assessments were conducted as part of acquisition, however, some of the assessments were conducted as part of refinancing or divesting of certian properties. In managing the environmental issues for Coach USA, other work conducted included Phase II subsurface investigations, site remediation, asbestos surveys and compliance assurance.

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Project manager in charge of conducting Phase I environmental site assessments and asbestos evaluations of 15 Commonweath Edsion fossel fuel power plants. The power plants ranged in size from Small peaker units to large 600+ Megawatts coal fired plant. The assessments were conducted to identify environmental liabilities prior to divesting the properties.

Project manager in charge of over 100 asbestos abatement projects. Managed and conducted over 200 building inspections for asbestos. The facilities included hospitals, manufacturing, chemical and commercial and high rise buildings.

Project manager incharge of asbestos-containing materials (ACM) survey of 11 GSA Region V Buildings including turn-of-the-century Court Houses and Federal Adimistration Buildings prior to major renovation. The project included a review of building blueprints at each facility, identifying suspect ACM, and develop a sampling plan in order to develop a cost estimate for ACM removal prior to the planned renovation. The survey identified millions of dollars of required ACM removal in the buildings.

Project manager in charge of asbestos abatement of approximately 200 mile of natural gas pipe wraped with an asbestos paper coating located in central Kansas. The project involved acting as the owners representative, prepared technical specifications for removal, on-site monitoring, and verification of contractor compliance with specifications. The project lasted approximately 8 weeks.

1/08 GAM

Mat Aigner





Mat Aigner is a Consultant within ERM, based in Rolling Meadows, Illinois.

Mr. Aigner has more than 16 years of experience in the field of Environmental Site Assessments. Mr. Aigner has performed over 1,200 Phase I ESAs, 400 Environmental Transaction Screens, and 20 Limited Compliance Reviews throughout the United States and more than 50 Phase II ESAs in Illinois. Mr. Aigner has also managed/coordinated Mergers & Acquisitions portfolios ranging from 6 to 70 sites throughout the world. Clients include: industry, consultants, attorneys, brokers, lenders, municipalities, and developers.

Professional Affiliations & Registrations

- OSHA Hazardous Waste 40-Hour Certification
- Illinois Department of Public Health Asbestos Building Inspector License
- Indiana Department of Environmental Management Asbestos Building Inspector License
- Illinois Licensed Engineer in Training (E.I.T.), 1992

Fields of Competence

- Phase I Environmental Site Assessments
- Phase II Environmental Site Assessments
- Compliance Assessments
- Soil and Groundwater Investigations
- Environmental Due Diligence Assessments

Education

- BS, Civil Engineering, University of Illinois at Chicago, 1992
- FRA Railroad Workplace Safety (49 CFR 214 subpart C)
- 12-Hour Environmental Auditor Training ENSR International, February, 2006

Languages

• English, native speaker



Key Projects

- Conducted Phase I Environmental Site Assessment/Limited Compliance Review on 1,500acre concrete manufacturing facility. Environmental issues included: underground storage tanks, waste storage and disposal practices, and particulate air emissions.
- Conducted an AAI Phase I Environmental Site Assessment/Limited Compliance Review of an aluminum manufacturing facility in Tennessee. Environmental issues included: current/former USTs, asbestos, significant non-compliance issues, historical/current chemical uses, and management of existing contaminated soil.
- Conducted Phase I Environmental Site Assessment/Limited Compliance Review on a plastics manufacturing plant. Environmental issues included: underground storage tanks, above-ground storage tanks, waste storage and disposal practices, chemical storage practices, storm-water discharge, and particulate air emissions.
- Conducted Phase I Environmental Site Assessments/Limited Compliance Reviews on two galvanizing facilities in Illinois. Environmental issues included: hazardous waste, particulate air emissions, underground storage tanks, storm water, waste water, and regulatory reporting requirements.
- Performed Phase I Environmental Site Assessment on a 300,000 square-foot shopping center. The Phase I involved asbestos, radon, and lead paint sampling.
- Conducted Phase I, Phase II and Phase III
 Environmental Site Assessments on 500-acre farm in Leesburg, Virginia. Tasks were to determine the extent of petroleum released into the subsurface soil and groundwater from various underground storage tanks.
- Conducted Phase I and Phase II Environmental Site Assessments on a dry cleaning facility.
 Responsible for identifying potential contaminants in the subsurface soil and groundwater from the dry cleaning processes.
- Conducted Phase I Environmental Site Assessment/Limited Compliance Review on a tobacco manufacturing facility in Virginia.
 Environmental issues included: hazardous waste, particulate air emissions, storm water runoff, and regulatory reporting requirements.

- Conducted a Limited Compliance Review on a steel fabrication facility in Missouri. Environmental issues included: hazardous waste, above-ground storage tanks, particulate air emissions, storm water runoff, and regulatory reporting requirements.
- Conducted Phase I Environmental Site Assessments/Limited Compliance Reviews on an erosion control blanket manufacturing facility in Indiana. Environmental issues included: hazardous waste, particulate air emissions, underground storage tanks, storm water, waste water, and regulatory reporting requirements.
- Managed a demolition/construction project in Chicago's Streeterville area. This project included the surveying and screening for thorium-impacted media from the former Lindsey Light manufacturing processes and coordinating efforts to obtain USEPA's authorization to build on the site
- Conducted Phase I and Phase II Environmental Site Assessments on an electroplating facility in Illinois. Responsible for developing a scheme to identify potential contaminants in the subsurface soil and groundwater from the electroplating processes.
- Managed Phase I and II Environmental Site
 Assessments, environmental decommissioning and
 demolition coordination for a vacant hospital
 complex in Illinois. This project involved
 surveys/sampling of asbestos-containing
 materials, lead-based paint, radioactive equipment,
 PCB-containing equipment, mercury-containing
 equipment, hazardous waste, and laboratory
 chemicals; evaluation of petroleum-contaminated
 soils and PNA-impacted soils in shoreline fill
 material.
- Managed a 30-site Environmental Compliance Review project on medical equipment manufacturing facilities. This project established a baseline for regulatory environmental compliance for the facilities in anticipation of their acquisition.
- Performed Phase I Environmental Site Assessment on a 10-unit residential apartment building complex. The Phase I involved asbestos, radon, and lead paint sampling.
- Managed a 13-site Phase I Environmental Site Assessment project on concrete manufacturing facilities in Tennessee.

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- Managed a 48-site Phase I Environmental Site Assessment project on junkyard facilities throughout the United States.
- Managed a 62-site Phase I Environmental Site Assessment project on financial institution properties throughout the Chicagoland area.
- Provided oversight for the removal of a 10,000gallon heating oil underground storage tank at a property in Kankakee, Illinois.
- Completed National Environmental Policy Act (NEPA) checklists for cellular phone sites throughout Illinois.
- Conducted an electromagnetic survey on a 20-acre site (formerly improved with commercial buildings) to identify the presence of underground storage tanks.
- Trained 10 real estate appraisers to conduct Environmental Transaction Screens on railroad properties throughout Illinois, Wisconsin, Indiana, and Michigan.
- Managed geotechnical engineering/environmental assessment projects on three properties in the Chicagoland area.
- Managed a 50-site Phase I Environmental Site Assessment and Asbestos Survey on financial institution facilities in Texas and Illinois.
- Managed a 13-site asbestos survey project for industrial facilities throughout the United States.
- Co-managed a 31-site Mergers & Acquisitions portfolio of industrial facilities throughout the world. Scope of services included AAI Phase I ESAs, Phase II ESAs, Asbestos Surveys, and Limited Compliance Reviews. Tasks included providing QA/QC reviews of reports, interacting with the client, and generating a summary of findings spreadsheet.
- Managed a 7-site Mergers & Acquisitions portfolio of industrial facilities throughout the United States. Scope of services included AAI Phase I ESAs, Limited Compliance Reviews, and asbestos surveys. Tasks included providing QA/QC reviews of reports, interacting with the client, and generating a summary of findings spreadsheet.
- Managed a 30+ site post-clossure environmental permit transfer project for industrial facilities around the world. Tasks included assembling a global ERM team and maintaining a strict

- timeframe, and working with plant personnel to facilitate the permit transfers.
- Managed several multi-site M&A projects for heavy industrial facilities. Scopes of work included Phase I ESA, Limited Compliance Reviews, review of existing environmental documentation in virtual data rooms, and review of financial documents as they pertain to environmental capex and reserves.

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Kevin A. Bryan, RG, CEG, CESSWI





Mr. Kevin Bryan is a Program Director in ERM's Irvine, California office with over 17 years of diverse project management and consulting experience in the geotechnical, environmental, and land development fields. His experience includes geotechnical feasibility studies for planning purposes and preliminary geotechnical investigations to develop grading and foundation recommendations for site-specific public and private sector projects and infrastructure and large acreage master planned developments. Mr. Bryan has worked with both the public and private sectors and has negotiated with regulatory and resource agencies across Southern California.

Mr. Bryan has managed numerous site investigations and cleanups, property redevelopments, due diligence associated with mergers and acquisitions, project feasibility, risk, cost allocation/ recovery, general environmental compliance, and regulatory support.

Mr. Bryan has extensive experience in due diligence and detailed field mapping, analysis of aerial photographs and geotechnical data, fault investigations, and subsurface investigations. In addition to his geotechnical experience, Mr. Bryan's background includes 4 years as the Southern California Division Director of Land Development for the largest Public Builder in the Nation where his duties included managing Storm Water Pollution Prevention Plan (SWPPP) implementation and documentation as the compliance executive across the entire Southern California market. He has been directly responsible for the successful management of land development budgets, personnel and construction for numerous large single-family detached and attached residential developments, and mixed-use parcels with combined budgets of over \$600 million dollars in value.

Professional Affiliations & Registrations

- Certified Engineering Geologist (CA #2182)
- Professional Geologist (CA #6950)
- Certified Erosion, Sediment, and Storm Water Inspector (CA#0163)
- OSHA 40hr HAZWOPER Certification
- Private Pilot single engine land with endorsements

Fields of Competence

- Project management
- Engineering geology
- Regulatory agency negotiations
- Soil and ground water investigation
- Due diligence
- SWPPP/NPDES implementation and compliance
- Site investigation and characterization
- Environmental Health and Safety Auditing Protocols
- Training and mentoring programs
- Phase I and Phase II Site Assessments

Education

- M.S., Geology, San Diego State University, 1995
- B.S., Geology, San Diego State University, 1992

Key Industry Sectors

- Construction & Engineering
- Transportation
- Consumer Products & Retailers
- Government
- Service & Entertainment
- Education
- Energy

Key Projects

Land Development

San Elijo Hills Areas I-1 and I-2, San Marcos, CA. Project Manager

Managed all stages of 207-unit residential development from grading and erosion control plan approval, lot mix, product development, improvement plan reviews and approvals, City Council hearings, Community Facilities District (CFD) formation and negotiation, Bonds, NPDES permitting and SWPPP implementation and compliance. Directly responsible for land development budgets and schedules through successful project completion.

La Costa Ridge, Carlsbad, CA. Project Manager

Managed all stages of 90-unit residential development from grading and erosion control plan approval, lot mix, product development, improvement plan reviews and approvals, City Council hearings, Community Facilities District (CFD) formation and negotiation, Bonds, NPDES permitting and SWPPP implementation and compliance. Directly responsible for land development budgets and schedules.

Aubrey Glen, Santee, CA. Project Manager

Managed all stages of 87-unit attached 2-3 story residential development. Completed NPDES permitting, SWPPP implementation and compliance, and demolition/disposal of previous site improvements and debris including several commercial water production wells, asbestos, and lead containing structures. Negotiated easements and deeds for both utilities and street sections with private and public entities. Managed design alternatives for common fire/domestic water system saving substantial additional engineering and construction costs. Directly responsible for land development schedules and budgets through successful completion.

Covington Heights, Yorba Linda, CA. Project Manager

Managed 453-unit residential development during negotiations with California State Parks, USFW, ACOE, RWQCB, and City of Yorba Linda regarding Section 7 Consultation, dedicated easements of open space and habitat conservation including endowments. Managed negotiations with City of Yorba Linda regarding NPDES permit requirements, WQMP conditions, and SWPPP implementation and compliance. Directly responsible for project close-out budgets, schedules and bond exoneration.

Lennar Greer Ranch, Murrieta, CA. Project Geologist

Managed geotechnical investigations during sitting studies for 2 sets of bolted steel drinking water tanks for extensive due diligence project. Managed geotechnical observation and testing services during grading and improvements for \pm 600 acre site. Developed recommendations for deep removals as well as blasting and oversized material placement. Implemented onsite material testing program for bedrock material addressing suitability for onsite crushing/handling. Material was indeed suitable for use as aggregate, rip-rap for design erosion control, and utility bedding materials providing client significant cost savings.

Silverhawk II, Murrieta Hot Springs Area, CA. Project Manager / Project Geologist

Completed Investigation and grading services included defining numerous traces of potentially active Murrieta Hot Springs Fault which traverses the ±250 acre residential development site. Project had unique grading requirements in the areas surrounding main high pressure gas line easements. Additional services managed included observation and testing services during major off-site CFD storm drain and sewer installation and backfill compaction.

Harveston, Temecula, CA. Project Geologist

Geotechnical observation and testing services during grading and improvement stages for 550-acre master planned development including 17.5-acre man-made lake. Lake design included proprietary clay liner construction utilizing onsite clay materials identified and qualified by geotechnical investigations and extensive laboratory testing. Performed additional investigations to characterize the nature and extent of potentially liquefiable soils utilizing CPT borings. Provided remedial earthwork recommendation.

East Grove, William Lyon Homes, Escondido, CA. Project Geologist

Geotechnical investigation of 500-acre site including trenching, hollow stem, and air-percussion borings, detailed mapping, and rippiablity evaluation for proposed 297 residential lot development with bedrock cuts up to 65 feet and rock fills up to 85 feet thick.

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COMMERCIAL AND INDUSTRIAL

Carlsbad Ranch, Carlsbad, CA. Project Geologist

Work included numerous investigations and project management activities to provide site-specific recommendations for a phased, 500-acre master planned commercial development of former agricultural packing plant and growing areas. Specific key project clients during development included:

- LEGOLAND
- Gemological Institute of America (GIA)
- Grand Pacific Resort
- National Museum of Making Music
- Natural Alternatives International
- Carlsbad Company Stores Outlet Center.

FEDERAL

U.S. Navy Bachelor Enlisted Quarters, San Clemente Island, CA.

Geotechnical investigation (bucket auger) and detailed geologic mapping of soils. Included interfacing with Southwest Division personnel to facilitate movement of all equipment via USN barges to and from San Clemente Island.

U.S. Navy Bachelor Enlisted Quarters, San Diego Naval Station, Point Loma, CA.

Geotechnical investigation for planned multi-story BEQ building and associated appurtenances.

TRANSPORTATION

Cannon Road extension, Carlsbad, CA. Project Geologist

Conducted geotechnical investigation and mapping for roadway extension from Lego Drive to Macario Canyon Bridge. Recommendations included remedial grading around 30-inch high pressure gas line and placement of fill slopes > 50 feet in height. Investigation included hollow stem auger borings to provide recommendations for concrete bridge abutments.

Faraday Avenue, Carlsbad, CA. Project Geologist

Conducted geotechnical investigation and mapping during roadway extension and completed large diameter borings to identify and characterize several large landslides. Provided recommendations for deep removals, and construction of buttress slopes.

Nutmeg Road extension and realignment, Murrieta, CA. Project Geologist

Performed geotechnical investigation for roadway realignment and extension. Proposed improvements included construction of a 250-foot-long box culvert.

Newport Road Extension Menifee Area, CA. Project Geologist

Performed preliminary investigation for ±4 mile, six-lane roadway alignment studies. Responsible for providing grading recommendations and reviewing earthwork quantities as well as materials specifications.

ENVIRONMENTAL

Rancho Santa Fe School District Expansion Properties, Rancho Santa Fe, CA. Project Manager

Directly responsible for all aspects of Human Health Risk Assessment (HHRA), Preliminary Endangerment Assessment (PEA), and Supplemental Site Investigation (SSI), associated with planned school district expansion properties proposed for new parking and ball fields. Managed personnel, fieldwork, report preparation, and negotiations with Department of Toxic Substances Control (DTSC) under extremely tight scheduling requirements resulting in agency approval of PEA. PEA approval required by school district for subsequent funding application worth approximately \$4 million in California Department of Education (CDE) funding potential.

Kop-Coat, Inc., City of Vernon, CA. Project Manager

Directly responsible for preparation and management of Facility Closure Plan for former industrial paint and marine coatings manufacturer. Facility closure operations included detailed inventory and evaluation of equipment previously used during manufacturing processes. Equipment included large hydraulic floormounted mixers, steel mixing and storage vessels, aboveground storage tanks that held solvents and hazardous materials, hydraulic lifts, and industrial sized ball and pebble mills. Observation and documentation during removal and dismantling of equipment for sale and scrap. Completion of closure report for manufacturing equipment.

Phase I Environmental Site Assessments, Project Manager

Preparation of numerous Phase I Environmental Site Assessments in accordance with ASTM Standard E1527-05 including:

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- City of National City, CA. Phase I ESA for multiblock commercial and residential portion of downtown redevelopment area.
- City of Carlsbad, CA. Phase I ESA for confidential client, multi-family residential development of former agricultural facilities including greenhouse areas.
- Rancho Santa Fe, Ca. Phase I ESA for school district expansion properties. Site included known groundwater contamination issues and surficial use of organochlorine pesticides.
- County of San Diego, Campo Area. Phase I ESA for portion of former Military Facility.
- Temecula, CA, Phase I ESA for facility operator of machine shop making parts for medical device manufacturing process.

Balfour Beatty BBGAP-US Environmental Health and Safety Audit Program

Lead environmental auditor during Balfour Beatty EH&S audit protocol program including

- MCRD Barracks Building 570 Reconstruction. San Diego, CA;
- Luke AFB, demolition and remodel, 570 units of residential housing, Luke AFB, AZ;
- BofA Data Center, complete reconfiguration and retrofitting of 400,000 square foot data center facility.

Audit protocol included evaluation of management systems, EH&S operations and onsite project evaluations and document review.

Imerys/World Minerals - Celite Mine Site Environmental Audit Team

Environmental Improvement Team Lead during EH&S review and assessment of 5,000-ac Diatomaceous Earth (DE) mine and processing facility located in Lompoc, Ca. Assessment included audit of environmental documentation and permitting, SWPPP and mine facility compliance with NPDES permit requirements as well as visual assessment of existing tailings impoundments.

USAA Insurance Smoke Damage Assessments

Performed numerous qualitative and quantitative smoke damage assessment in support of Certified Industrial Hygienist for claims response after the 2007 Southern California Wildfires. Work included observation and documentation as well as discrete sampling and analysis per project protocol at over 40 separate locations.

McMillin - Liberty Station

Project Manager - implementation of ERM prepared Asbestos Management Plan. Work included providing 2-hr. Asbestos Awareness Training to client and subcontractors onsite during project improvements as well as management of asbestos related documents (manifests, notifications, laboratory analyses).

McMillin - Land Development

Provided consulting services associated with property impacted by unexploded ordinance (UXO) and Formerly Used Defense Site (FUDS) overlay. Initiated negotiations between client and United States Army Corps of Engineers (USACE) and California Environmental Protection Agency – Department of Toxic Substances Control related to Voluntary Clean-up Agreement (VCA) options.

County of San Diego - Campo Area

Project Manager – Underground Fuel Storage Tank (UST) removal and groundwater investigation to determine source of contamination in groundwater used for irrigation at historic former military facility.

OSKI Energy - Environmental Consulting Services

Performed environmental review support services and completed engineering geologic review of former geothermal resource area and exploratory pads, slopes, and access roads for proposed re-initiation of deep drilling exploration operations in Lake County, CA. Pad areas contained asbestos bearing rock and other environmentally sensitive natural and engineered materials.

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