

# FINAL

## PHASE I ENVIRONMENTAL SITE ASSESSMENT

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Prepared for  
Vulcan Materials Company  
San Diego, California  
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ASSESSOR'S PARCEL NUMBERS 262-042-03, 262-042-07, 262-042-14, 262-042-16  
SAN BERNARDINO, CALIFORNIA



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## PHASE I ESA – SAN BERNARDINO AREA’S D, E &amp; F

## EXECUTIVE SUMMARY

Vulcan Materials Company (VMC) has retained Brown and Caldwell to perform a Phase I Environmental Site Assessment (ESA) for parcels 262-042-03, 262-042-07, 262-042-14 and 262-042-16 (the “Site”) located at 19401 N. Cajon Boulevard, in San Bernardino, California (Figure 1). This Phase I ESA is intended to serve as an appropriate, commercially prudent, and reasonable inquiry regarding the potential for *recognized environmental conditions* in connection with the Site.

The Site consists of 89 acres and is currently undeveloped in the southern portion and used as a staging area and maintenance area in the northern portion. The Site gently slopes to the southeast with an average elevation of 1,820 feet above mean sea level. It is located next to low industrial developments and undeveloped land. Location and shape of the Site can be found on Figure 2. The Client questionnaire stated that the previous tenant, California Portland Cement, operated an aggregate facility on the Site for a period of four years. An aggregate facility would likely use, store and generate hazardous substances and petroleum products during the course of its operations. Brown and Caldwell did not interview this past tenant, and the lack of information constitutes a data gap; however, the records reviewed during the course of this Phase 1 have no evidence of documented spills or releases at the Site. Additionally, the Client indicated that the Site was in working order during property transfer.

Brown and Caldwell conducted a site reconnaissance on April 26, 2011 to identify potential environmental conditions in connection with the Site. The northern portion of the property represented by parcel numbers 262-042-03, 262-042-14 and part of 262-042-16 contains several sheds, operation trailers, storage areas and idle mining equipment and parts. Small stains were noted around the Site, but no significant staining or areas of suspected soil impacts was observed. Several areas were inaccessible during the Site reconnaissance due to the presence of heavy machinery or parts. These areas could not be inspected in detail, so are considered a data gap as part of this Phase I ESA. Stormwater is generally contained on the Site due to the presence of a retention basin and the 48-acre undeveloped area which is well vegetated and generally flat. There are minor drainage improvements at the north entrance of the Site; ultimately, these drainage improvements direct stormwater discharge to the undeveloped area of the Site. According to reports associated with the nearby Newmark Superfund Site, the depth to groundwater in the immediate vicinity of the Site is approximately 200 feet below the ground surface with a regional groundwater flow direction to the southeast.

Brown and Caldwell conducted a review of historical records for the Site. Records reviewed for this Phase I ESA included an environmental database search for the Site. Based on the results of the historical records review provided by EDR, development occurred in the vicinity of the Site in 2000 and appears to be industrial in nature. EDR showed no indications of hazardous materials storage at the Site or on *adjoining properties*, and no evidence of documented spills or releases at the Site. Additionally, the San Bernardino County Fire Department (SBFD), Santa Ana Regional Water Quality Control Board (RWQCB) and the United States Environmental Protection Agency (U.S. EPA) were contacted about files and personnel with potential knowledge of the subject property. The only records identified by SBFD were the active hazardous material handler and hazardous waste generator permits currently held by the Client. The RWQCB researched their records for file(s) pertaining to the subject property and they reported that no records exist for the site description

The Site is located in the footprint of the Source Area Operable Unit (OU) of the Newmark Superfund Site. Monitoring wells in this OU located in the vicinity of the Site have low (<5 µg/l) to non reportable concentrations of TCE and PCE, but it does not appear that the contamination extends underneath the Site based on the latest data. Based on review of available records, the Source Area OU is currently in the remedial investigation and feasibility study (RI/FS) process which will likely be completed in 2011. In development of the RI/FS, the U.S. EPA may implement engineering and institutional controls for properties located within this OU similar to the other two OUs, which include limitations on the usage of groundwater. Due to the impacts to groundwater within the vicinity of the Site, the ongoing investigation into the extent of the impacts in the Source Area OU and the possible restrictions on use of groundwater at the Site, the Newmark Superfund site is considered a *recognized environmental condition*.

Based on the results of this Phase I ESA, Brown and Caldwell provides the following conclusions in regards to the Site:

This Phase I ESA has revealed one potential *recognized environmental condition* in connection with the property:

- The Site is currently located upgradient of the footprint of the Newmark Superfund Site's Source Area OU. Investigation of this OU is currently ongoing, but in down-gradient OUs both engineering controls (i.e., operation of a pump and treat system), and institutional controls (i.e., restrictions on groundwater pumping) have been implemented. It is likely that similar engineering controls will be implemented for the Source Area OU. There is no evidence or documentation indicating that that impacted groundwater from the Newmark Superfund site extends beneath the Site, but investigation is ongoing in this area of the operable unit. As the extents of the impact are not currently delineated, and a well is currently being used on the property, the Newmark Superfund Site is considered a recognized environmental condition.

This Phase I ESA has revealed no evidence of *historical recognized environmental conditions* in connection with the property.

This Phase I ESA has revealed two *de minimis* conditions or environmental concerns in connection with the property.

- The site reconnaissance revealed miscellaneous trash debris on the adjacent parcel bordering the west boundary of the Site. These include seemingly abandoned vehicles, boats, metal, wood and plastic materials. Staining or other indications of potential chemical releases were not observed around the vehicles or other debris.
- During the site reconnaissance, minor stains were noted within the gravel staging area. The staining indicated the release of petroleum based product from past equipment use or storage. These stained areas are considered *de minimis* conditions due to relatively small size, less than 1 foot in diameter, indicating a small quantity of release which would not present sufficient threat to human health or the environment.

Based on our understanding of VMC's unique interests in this Site, and based on the results of this Phase I ESA, Brown and Caldwell has determined there is one *recognized environmental condition* at the Site in connection with contaminated groundwater and potential restrictions on groundwater extraction. It should be noted, though, that a data gap is present due to limited access in areas of the heavy equipment and parts storage. These areas should be inspected for staining upon removal from the Site.

## PHASE I ESA – SAN BERNARDINO AREA’S D, E & F

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### 1. INTRODUCTION

#### 1.1 Purpose

Vulcan Materials Company (VMC or “Client”) has retained Brown and Caldwell to perform a Phase I Environmental Site Assessment (ESA) for four parcels of land (the “Site”) located at 19401 North Cajon Blvd., San Bernardino, California (Figure 1). The Site is identified by parcel numbers 262-042-03, 262-042-07, 262-042-14 and 262-042-16 and is total of 89e acres in size. The Client stated that the purpose of this Phase I ESA was to evaluate environmental conditions to serve as an exit assessment for the transfer of the parcels. This Phase I ESA is intended to serve as an appropriate, commercially prudent, and reasonable inquiry regarding the potential for *recognized environmental conditions* in connection with the Site. This report will permit the Client to satisfy one of the requirements to qualify for one of the landowner liability protections (LLPs). Specifically, the report will satisfy “all appropriate inquiry” into the previous ownership and uses of the parcel as defined under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) at Title 42 of the United States Code (U.S.C.) §9601(35)(B) and in accordance with 40 CFR Part 312, Standards and Practices for All Appropriate Inquiries; Final Rule (AAI Rule). Sections of the AAI Rule were omitted from this Phase I ESA at the Client request and will be discussed further in section 1.2 of this report.

#### 1.2 Scope of Services

Brown and Caldwell performed the following tasks as part of the Phase I ESA to satisfy the requirements presented in ASTM Standard E 1527-05 and the appropriate activities as requested by the Client from the United States Environmental Protection Agency’s (U.S. EPA’s) proposed *Standards and Practices for All Appropriate Inquiries* (AAI) (Title 40, Code of Federal Regulations Part 312 [40 CFR Part 312]) dated August 26, 2004. At the Client’s request, the scope of services included the following considerations to provide an evaluation of the environmental conditions at this time (Appendix A).

- **Task 1 – Records Review** – Obtain and review records that identify potential *recognized environmental conditions* or *historical recognized environmental conditions* in connection with the Site. The minimum search distance (msd) followed ASTM recommendations for standard and additional environmental record sources.
- **Task 2 – Site Reconnaissance** – Conduct a Site reconnaissance to determine if a *recognized environmental condition* is potentially present at the Site. Also, inspect neighboring properties, to the degree possible from the public right-of-way, for land uses or other aspects that indicate potential *recognized environmental conditions* that could adversely affect the Site.
- **Task 3 – Interviews** – Interview individuals with knowledge of the Site to obtain information regarding the potential for *recognized environmental conditions* or *historical recognized environmental conditions*.
- **Task 4 – Evaluation and Report Preparation** – Prepare this report detailing the findings associated with each of the above-listed tasks.

As requested by the Client, the focus of the Phase I ESA was specific to the subject parcel. Therefore, intensive record searches regarding adjoining properties, interviews with owners or occupants of neighboring properties, and extensive interviews with previous owners or operators of the Site were not included in the

Scope of Work. In addition, the relationship of the purchase price to the value of the property if the property was not contaminated was not evaluated, and a 50-year chain of title was not reviewed though a records search of previous owners was performed via the San Bernardino County Assessor's Office (SBCAO) on-line database.

### 1.3 Limiting Conditions

This Phase I ESA report has been prepared for the exclusive use of the Client and their assigns, in accordance with the standards of the environmental consulting industry at the time the services were performed, and in general accordance with the agreement between the Client and Brown and Caldwell dated April 7, 2011. This work has been performed for the sole purpose of assisting in the evaluation of environmental conditions associated with the parcel. This Phase I ESA report is governed by the specific scope of work authorized by the Client and is not intended to be relied upon by any other party. The findings presented herein are based upon observations of Site conditions as of the date the assessment was performed and a review of *reasonably ascertainable* standard records sources. The findings and conclusions presented herein should not be assumed to apply to conditions or operating practices on this property occurring subsequent to Brown and Caldwell's actual on-Site investigation.

The findings of the Phase I ESA, as represented within this report, must be viewed in recognition of certain limiting conditions. The scope of work commissioned for this project does not represent an exhaustive study, but rather a reasonable inquiry, consistent with good commercial practice, in general accordance with ASTM Practice E 1527-05. In the course of this assessment, Brown and Caldwell has relied on information provided by outside parties, such as regulatory agencies and interview sources. Brown and Caldwell has made no independent investigation as to the validity, completeness, or accuracy of such information provided by third-party sources. For the purposes of this assessment, such third-party information is assumed to be accurate unless contradictory evidence is noted, and Brown and Caldwell does not express or imply any warranty regarding information provided by third-party sources. This Phase I ESA report makes no representation that environmental contamination does not exist at this Site beyond that described in this report.

Throughout this Phase I ESA report, italicized terms refer to specific definitions set forth in Section 3.2 of the ASTM Standard. Some of the specific definitions relating to Phase I ESAs are included in Appendix B.

The purpose of this Phase I ESA is to identify, to the extent feasible, pursuant to the scope and limitation of the guidelines set forth in the ASTM Practice E 1527-05, *recognized environmental conditions or historical recognized environmental conditions* in connection with the property. The term *recognized environmental condition* is defined by ASTM (2005) as:

The presence or likely presence of any *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 substance* or *petroleum products* into structures on the property or into the ground, groundwater, or surface water of the property. The term includes *hazardous substances* or *petroleum products* even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or to the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The term *historical recognized environmental condition* is defined by ASTM (2005) as:

Environmental condition which in the past would have been considered a *recognized environmental condition*, but which may or may not be considered a *recognized environmental*

*condition* currently. The final decision rests with the environmental professional and will be influenced by the current impact of the *historical recognized environmental condition* on the property. If a past release of any hazardous substances or petroleum products has occurred in connection with the property and has been remediated, with such remediation accepted by the responsible regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent), this condition shall be considered an *historical recognized environmental condition* and included in the findings section of the Phase I Environmental Site Assessment report.

The term *reasonably ascertainable* is defined by ASTM (E 1527-05) as:

Information that is *publicly available* to anyone upon request, obtainable from its source within reasonable time and cost constraints, and *practically reviewable*.

The term *practically reviewable* is defined by ASTM (E 1527-05) as:

Information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the property or a geographic area in which the property is located are not generally *practically reviewable*.

## 1.4 Exceptions or Deviations from Standard

The following exceptions or deviations were identified during this assessment:

- Aerial photographs, topographic maps, city directories, and Sanborn maps are not within the 5-year time interval as specified in the ASTM standard as they were not reasonably ascertainable.
- At the request of the Client, extensive interviews with neighboring property owners were not conducted during this Phase I ESA.
- At the request of the Client, a Property Value Comparison to Purchase Price was not conducted during this Phase I ESA.
- A 50-year chain-of-title review was not performed for the parcel.

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## PHASE I ESA – SAN BERNARDINO AREA’S D, E & F

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### 2. SITE PHYSICAL SETTING OVERVIEW

#### 2.1 Location

The parcel is located in Verdemon, San Bernardino County, California and is in an area that contains undeveloped land as well as various industrial properties (see Figure 1). Brown and Caldwell completed a site reconnaissance checklist for the Site that is included in Appendix C.

**Site Address:** The Site is located at 19401 North Cajon Blvd., San Bernardino, California. This address represents the northwest section.

**Legal Description:** The legal description for the parcel is stated in the Property Information Management System Package downloaded from the SBCAO website included in Appendix D (SBCAO 2011).

**Property Uses in Surrounding Area:** The surrounding land use includes undeveloped land and various industrial properties. The industrial properties include automotive repair, an animal shelter, a grain mill and metal processing.

#### 2.2 Current Ownership/Use of Site and Adjoining Properties

##### 2.2.1 Current Site Uses

The Site is currently owned by the Client, though only the northern portion of the Site is currently developed and in use. The remaining southern portion is undeveloped and vacant land. The developed portion of the parcel crosses three parcel numbers: 262-042-03, 262-042-14 and 262-042-16. The Site contains a main command group of trailers near the single front entrance which oversees the southern equipment staging and maintenance areas. Mining equipment and mechanical parts are largely elevated using concrete cinder blocks or wooden pallets; however, most of these storage items are still exposed to the elements such as wind and rain. Vehicle maintenance and refueling is also performed at the Site, though this appears to be fairly limited based on the quantity of used oil and other waste stored at the Site. The Site is currently zoned for industrial use (Appendix D). Based on the topographic and aerial photographic investigation, the Site has been developed since at least 1954.

##### 2.2.2 Current Adjoining Property Uses

For the purpose of this Phase I ESA, the term *adjoining property*, as defined by the ASTM E-1527-05 Standard, refers to properties that border, or are contiguous or partially contiguous to the parcel, or properties that would be if a street, road, or other public thoroughfare did not separate them.

*Adjoining properties* were visually observed from public access right-of-ways to make a cursory assessment for the current land use and its potential for *recognized environmental conditions* that may have impact on the Site. Reconnaissance of *adjoining properties* was performed by review of vicinity records, viewing land use from legal boundaries, or by walking upon the *adjoining properties* that were legally accessible.

The Site is bounded by the industrial property C&G Auto dismantler to the north, the Southern Pacific railroad to the west, the industrial property ANCO International to the south and by Cajon Boulevard to the East (see Figure 2).

## 2.3 Physical Characteristics

### 2.3.1 Physical Features and Topography

**Approximate Size of Site (acres):** The Site is 89 acres in size.

**Approximate Shape of Site:** The southern undeveloped portion of the Site is rectangular in shape. The northern industrial use portion of the Site is triangular in shape (Figure 2).

**Site Topography:** The general topography of the Site is flat with areas of undulating topography that gently slopes to the southwest. Geographic coordinates for the center of the Site are approximately longitude 117° 22' 38" west and latitude 34° 11' 47" north. Please refer to Figure 1, Site Location Map.

**Regional Surface Topography and Manmade Features:** Brown and Caldwell reviewed the United States Geological Survey (USGS) 7.5-minute topographic quadrangle maps for San Bernardino North which includes the Site and vicinity to determine the physical setting. The 1996, 7.5-minute USGS topographic map indicates the Site is located on a gentle southwestern slope that extends from the base of the San Bernardino Mountains. The general direction of surface slope appears to be to the southwest following the trend of the Cajon Wash (Figure 1). Cajon Wash borders the western side of the Site.

**Approximate Elevation of Site:** Mean surface elevation for the Site is approximately 1,820 feet above mean sea level based on information from the topographic lines presented on Figure 1.

**Surface Drainage:** The Site is generally flat and flow is likely contained within the Site's extents or the immediate vicinity. In some areas of the Site stormwater can flow off of the property while in other areas stormwater can flow on to the property from adjacent properties. Within the Site, flow can vary in direction but is generally toward the southwest following the general contour of the Site.

**Drainage Improvements:** The Site currently has minor drainage improvements consisting of a retention basin at the north entrance of the Site; ultimately, these drainage improvements direct stormwater discharge to the undeveloped area of the Site.

**Drainage from Adjacent Sites:** Adjacent properties had no drainage improvements, and stormwater from the adjacent parcels would generally discharge away from the Site.

**Flood Zones:** Based on the FEMA flood control maps, the area is outside of the minimal flood area hazards for Cajon Wash (FEMA 2011).

## 2.4 Geology and Hydrology

**General Regional Geology:** The Site is located at the base of the intersection between the San Gabriel and San Bernardino Mountain Ranges, which in the area of the Site are generally composed of Cretaceous aged granitic rocks and older metasedimentary rocks such as schist and gneiss. Regional tectonics of the San Bernardino Mountain and San Gabriel Mountain Ranges include uplift of the range due to east-west trending thrust faults and strike-slip faulting along the base of the San Bernardino Mountain Range and through the San Gabriel Range from the San Andreas Fault system.

The Site is located on a broad alluvial fan that extends southeast from the base of the San Bernardino Mountains and is underlain by alluvial fan deposits and older wash deposits (Biehler et al. 1988). The Site is also located near the northern extent of the San Jacinto Fault and is two miles southwest of the San Andreas Fault.

**Soil Conditions:** According to the EDR report, the soil types for the Site is named TUJUNGA and SOBOBA which are both classified as ranging between gravelly and loamy sands. The soils are assumed to be very thick since the Site is located on an alluvial fan and likely have high hydraulic conductivity and low water holding capacity due to the presence of gravel and sand. Observation of surface materials indicates silty sand with abundant cobbles of metamorphic and granitic rock.

**Approximate Depth to Groundwater:** Six production wells and monitoring wells were identified by EDR located within one mile of the parcel. The Site contains a production well used for dust suppression and other on-site, non-potable activities. Information about these wells is included in several reports developed for the Newmark Superfund Site which encompasses the Site. Based on these reports, groundwater elevations in the vicinity of the Site are approximately 200 feet below the ground surface and groundwater flows in a generally southeast direction following the topography of the alluvial fan.

**Regional Groundwater Conditions:** Most of the groundwater in the vicinity of the Site is derived from the deep alluvial soils beneath the area. Regional groundwater flow is to the southeast away from the San Bernardino Mountain Range and following the general contour of the topography, but is likely variable near the Site due to its proximity to the northern boundary of the mountain range..

According to the Basin Plan for the Santa Ana Regional Water Quality Control Board (RWQCB), the parcels of land are located within the Bunker Hill sub-basin of the Upper Santa Ana River groundwater basin. This groundwater basin has beneficial uses for industrial process supply water, municipal supply water, domestic water supply, agricultural supply water, and industrial supply water. Due to impacts associated with the Newmark Superfund Site, restrictions on groundwater usage in this basin have been implemented as part of institutional controls. These restrictions directly apply to the City of San Bernardino where an ordinance has been developed (City Ordinance Chapter 13), and could apply to un-incorporated areas, such as Verdemon, through restrictions from the County land use and planning division. The Site is currently located up-gradient of the known impacts from the Newmark Superfund Site, but the Source Area Operable Unit (OU) adjacent to the Site is still undergoing investigation so the boundaries of know groundwater impacts may change after further investigation.

It should be noted that regional hydrogeologic data may not predict site-specific conditions, such as isolated perched-water systems or local variations in groundwater flow due to recent precipitation or high-volume pumping in the area.

## PHASE I ESA – SAN BERNARDINO AREA’S D, E &amp; F

### 3. SITE RECONNAISSANCE

#### 3.1 Methodology and Limiting Conditions

The Site was inspected by transecting it by foot at such intervals that the entire site could be viewed. The objective of reconnaissance was to identify potential *recognized environmental conditions* in connection with the Site. This can be limited by weather conditions, bodies of water, adjacent buildings, or other obstacles. Any limitations are noted below, and further summarized in the Data Gaps Analysis section of this report.

#### 3.2 Site Observations

The purpose of reconnaissance was to note evidence of potential *recognized environmental conditions*. Additionally, observations of *adjoining properties* were performed to identify uses and associated potential *recognized environmental conditions*. Site photographs are included in Appendix E. The area around the parcel is illustrated in Figure 1 and the Parcel Map is included as Figure 2.

Brown and Caldwell conducted a Site reconnaissance on April 26, 2011. The weather conditions were noted as clear, but there has been a number of rain events during the winter of this year. The inspection of the Site was conducted by Brown and Caldwell *environmental professional*, Mr. Brett Bennetts with Vulcan Manager, Mr. Tony Schuler.

##### 3.2.1 Site Improvements and Features

**Structures:** The portions of the Site currently in use are confined to the northwest area. The remaining portions are undeveloped and vacant land. The majority of this site assessment concerns the northern area.

The Site contains a main command group of trailers near the single front entrance. The 16 container units are mostly located in the southern staging area and are used for storage of equipment and parts. In addition to the containers, three open top trash containers in the southern staging area and variety of equipment, mechanical parts and materials in both the southern and northern staging areas were observed. Equipment, mechanical parts and materials are largely elevated using concrete cinder blocks or wooden pallets; however, most of these storage items are still exposed to the elements such as wind and rain.

**Pavement, Roads, and Driveways:** The entrance and exit access roads to the Site are asphalt pavement which matches the adjacent main road of Cajon Boulevard just east of the Site. Once on the Site, any vehicular traffic will largely encounter a hardened gravel right of way. Due to the presence of gravel, dust control is utilized when required using water from the production well. Exceptions to the generally gravel surface include a concrete pad adjacent to the main command trailers, a series of five near 15,000-square-foot concrete pads to the south and series of two 5,000 square-foot-concrete pads to the west. These concrete pads are utilized for vehicular parking, general maintenance activities, storage container units and general long term storage of large mechanical parts and/or materials.

**Fences or Walls:** There is a chain-link fence with three strands of barbed wire that completely surround the northern staging area of the Site. Additionally, a similar fence is set up around the larger undeveloped portion of the Site.

**Other Features:** No other features that could indicate a potential environmental concern or *recognized environmental condition* were noted at the Site.

### 3.2.2 Site Physical Observations

**Surface Stains:** Brown and Caldwell observed minor surface stains (less than 1 foot in diameter) around the staging area of the Site. Brown and Caldwell could not observe the ground surface directly under the larger stored equipment and parts

**Unusual Odors:** Brown and Caldwell did not observe any unusual odors during the Site reconnaissance.

**Stressed Vegetation:** Stressed vegetation due to conditions other than climate was not observed by Brown and Caldwell during the reconnaissance.

**Storage Tanks:** A mobile 100-gallon fuel truck is used at the Site for various maintenance purposes used on site. Likewise, a forklift with a 7-gallon propane tank is located on the Site for lifting equipment and various maintenance purposes. Both the forklift and mobile fuel truck are stored in the maintenance area when not in use. With the exception of the onsite forklift, all site vehicles fuel off site.

A large 250-gallon vertical air compressor tank is situated within the general maintenance area.

**Drums, Other Containers:** Brown and Caldwell observed a large group of 10-gallon black storage containers at the northern corner of the Site. These containers held soil samples for aggregate testing.

Additionally, Brown and Caldwell observed nine 55-gallon drums within the maintenance area of the Site. These drums contained a variety of new and used petroleum products, aerosol cans and spill kit items. See section 3.2.5 material and waste storage areas for further information.

**Floor Drains, Grates, Sumps, Catch Basins, Oil Water Separators:** Brown and Caldwell did not observe any floor drains, grates, sumps, catch basins or oil/water separators during the Site reconnaissance.

**Stationary Hydraulic Lifts or Elevators (below grade or above grade):** Brown and Caldwell did not observe any hydraulic lifts or elevators on the Site during the reconnaissance.

**Transformers or Other Sources of Polychlorinated Biphenyls:** Brown and Caldwell observed unused transformers being stored onsite. Additionally, an electrical training system was setup within the staging area which included a series of transformers, capacitors and power lines set at shoulder height. The Client stated that all associated items within the staging area, as well as those of the electrical training system, are tested regularly for polychlorinated biphenyls (PCBs), and that PCBs have not been detected in any of the transformers being stored at the Site.

All transformers associated with overhead power lines appeared to be recently installed, and would not likely contain PCBs.

**Paint Booth, Wash Rack, Other:** Brown and Caldwell did not observe any paint booths, wash racks, or sand blasting during the site reconnaissance.

### 3.2.3 Surface and Drainage Observations

**Pavement Cracks or Patching:** All concrete pads were in working order with no cracks or patching observed during the site reconnaissance.

**Fill Dirt or Previous Fill Activities:** The Site is ringed by trees situated on an artificially elevated embankment. The soil for this embankment appears to be reworked material from the Site based on the aerial photographs. No other present or past fill activities were identified.

**Ponds, Pits, Lagoons, Retention Basins:** A large retention pond is located just southwest of the industrial activity area. All surface flow within the northern area is directed to this retention pond. The dimensions of the basin are 500 feet in length, 30 feet in width and average 8 feet in depth. During an overflow condition, stormwater drains to the adjacent 48-acre undeveloped parcel.

**Storm Sewer (Flow of Stormwater across Site):** There are no municipal storm sewers on the Site. Stormwater appears to be contained on the Site through the use of a sizable retention basin and undeveloped area. The single drainage improvement noted is a bare earth trench at the front entrance of the Site. The trench shows signs of large and repeated surface flow, which ultimately drains to the undeveloped area.

### 3.2.4 Water Wells, Dry Wells, and Monitoring Wells

Brown and Caldwell observed a groundwater well within the southern portion of staging area on the Site. The Client stated that the groundwater well was used for Site irrigation purposes only. The well is situated behind a fence enclosure on a 4 feet by 4 feet concrete pad (Figure 2). The exact depth of the well was unavailable based on discussions with the owner and in review of available records.

### 3.2.5 Material and Waste Storage Areas

**Solid Waste:** The home has solid waste pick-up in the form of three 3-yard dumpsters located by the main command trailers. Larger trash or bulk metal items were placed into larger 30- or 40-yard open top containers. There was no evidence of dumping on the Site and general housekeeping measures were in effect. The area around the open top containers did have some loose items on the ground; however, these items were usually too cumbersome to be placed easily into the trash receptacle, and were simply being staged for later disposal.

**Hazardous Materials, Petroleum Products, and/or Waste Storage Areas:** The maintenance area included a specific location for the storage of petroleum products and other waste. The type of substances (and waste) identified include lubricants, oils, grease and aerosol cans. All waste and new product items were stored under an overhead structure and on secondary containment pallets. The pallets were properly empty of all liquids at the time of observation. The Client stated that typical quantities of petroleum products are: 200 gallons of oil, less than 55 gallons of lubricant, and 55 gallons of grease. Likewise, typical quantities of waste generated at the Site are: less than 55 gallons of used oil and dirty rags, less than 55 gallons of used lubricant, and a single 55-gallon drum of used aerosol cans. These waste items are routinely picked up by a certified waste hauler for off-site disposal. The site observation confirmed that the quantity of petroleum products and waste stored on the Site were less than the typical quantity stated above.

### 3.2.6 Wastewater Systems

**Septic Systems, Leach Fields, or Other On-site Disposal Systems:** The main command trailer at the Site uses a septic system for wastewater containment. At the time of the site reconnaissance, the location of the septic system was stated by the owner to be just south of the main command trailer near the front entrance. The owner stated that sewage is regularly pumped out by a subcontractor.

**Municipal or Other Sewer:** The Site is not connected to a municipal sewer and there was no evidence of a municipal sewer system in the vicinity of the Site.

### 3.2.7 Site Utilities

The Site utilizes electrical service, but does not have municipal sewer or water service. Instead, the command trailer utilizes bottle water for drinking delivered on a regular basis. A fire hydrant is located near the front entrance for emergency use only.

Standard overhead power lines run along the main road, Cajon Boulevard, into the northern corner of the Site, where the main command trailers are located, and finally south along the western boundary to ultimately provide power to the onsite groundwater well. Underground electrical lines connect an air compressor located at the maintenance yard. Transformers are located along the overhead power lines; however, the Client stated that PCB testing is shown to be negative.

Larger high voltage electric transmission structures are located on the undeveloped parcel just south of the northwest industrial area.

### 3.2.8 Environmental Concerns Observed on Adjoining Properties

*Adjoining properties* were visually observed to the degree possible, without trespass, for the potential for *recognized environmental conditions* that may cause an impact on the Site. Reconnaissance of *adjoining properties* was performed by viewing each property from the legal boundaries, or by walking upon the *adjoining properties* that were legally accessible. *Adjoining properties* environmental concerns are noted as follows:

- **North** – No *recognized environmental conditions* were observed north of the Site from C&G Auto dismantler. While this neighboring industrial area is populated with vehicles and vehicle parts exposed to the elements and surface stormwater flow, no soil staining or other chemical releases were observed.
- **East** – No *recognized environmental conditions* were observed east of the Site (Cajon Boulevard). Similar to the northern boundary, a collection of vehicles are stored northeast of the Site across Cajon Boulevard. No soil staining or other chemical releases were observed.
- **West** – No *recognized environmental conditions* were observed west of the Site. A small corridor of land is situated between the Site and the adjacent Cajon Wash. This corridor is owned by Southern Pacific Railroad and principally includes a railroad track. The northern part of this corridor also included a collection of operational and deteriorating vehicles, boats, wood, metal and plastic materials; however, the majority of items would be classified as just trash. These trash items are kept off Site due to a high security fence along the property border. Stormwater generally flows toward the adjacent Cajon Wash instead of the Site, so a discharge from this area on to the property is unlikely
- **South** – No *recognized environmental conditions* were observed south of the Site from the single industrial property, ANCO International. The main industrial activity is performed indoors, with materials being stored within large storage units along the boundary. The remaining southern areas are undeveloped and vacant. Since this industrial complex is located down-gradient, potential releases from this area would not impact the subsurface soil or groundwater beneath the Site.

### 3.2.9 Other Pertinent Information from the Site Reconnaissance

**Other Concerns Raised by Site Reconnaissance:** The Site reconnaissance did not raise any other concerns about the Site.

**Observations of Adjacent Sites:** Brown and Caldwell observed the adjacent properties to the degree possible during the site reconnaissance. Environmental concerns were not observed on the adjacent properties during the reconnaissance. The current and/or past uses of the adjacent properties, to the extent that these uses were visually and/or physically observable.

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## PHASE I ESA – SAN BERNARDINO AREA'S D, E & F

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### 4. INTERVIEWS

The purpose of interviews is to obtain information indicating *recognized environmental conditions* or *historical recognized environmental conditions* in connection with the property, as described in the ASTM Standard. As requested by VMC, the focus of the Phase 1 ESA will be specific to the Site; such that, interviews with owners or occupants of neighboring properties was limited. Neither the site reconnaissance nor review of historical records indicated the potential for *recognized environmental conditions* on the property. The lack of an intensive interview with the adjacent property owners will be noted as a data gap in the data gap analysis section of this report. The site reconnaissance did discover vegetation clearing activity at the southeast corner of the Site. The adjacent owner, Anco International, was interviewed to discover the reason behind this activity.

#### 4.1 User Occupant Questionnaire

As the Client is the current occupant of the parcels, a User Questionnaire was given to Tony Schuler (VMC) for his knowledge of activities at the Site. The User Questionnaire was completed on April 26, 2011, the same day as the site reconnaissance. VMC indicated that both the past and current use of the Site as a staging area for motor vehicles, vehicle and equipment parts. The Site is also used as a training area for electrical systems and equipment. Lastly, vehicle and equipment maintenance is conducted on the Site, though it is fairly minor and only as needed. The client did not identify any current or past environmental concerns with the Site. General Housekeeping practices include dust control, surfaces swept or kept free of larger loose debris and trash kept properly.

VMC stated that hazardous substance and petroleum products are used, stored and generated on the Site. The Client stated that typical quantities of petroleum products are: 200 gallons of oil, less than 55 gallons of lubricant and 55 gallons of grease. Likewise, typical quantities of waste generated at the Site are: less than 55 gallons of used oil and dirty rags, less than 55 gallons of used lubricant and a single 55-gallon drum of used aerosol cans. These waste items are routinely picked up by a certified waste hauler for off-site disposal. The client did not indicate that any above ground or underground storage tanks (AST and UST) were on the Site.

VMC stated that the main command trailer at the Site uses a septic system for wastewater containment, a delivery service of bottled water for drinking and the cooling system is electric. Furthermore, the Site uses only an electrical utility source of energy.

VMC stated that stormwater flows southwest to a retention basin. Overflow from the retention basin would proceed to the 48-acre undeveloped land.

VMC stated that the Site had a previous tenant, California Portland Cement, which operated an aggregate facility on the Site for a period of four years between 2000 and 2004. The Client indicated that the Site was in working order during the property transfer.

#### 4.2 Local Government Agency Interviews

The San Bernardino County Fire Department (SBCFD), San Ana RWQCB, and U.S. EPA were contacted to see if any files existed or personnel had knowledge for the Site.

### 4.2.1 San Bernardino County Fire Department

A request for records from the SBFD was made on April 25, 2011. Brown and Caldwell received the result of their findings on June 10, 2011, which is included as Appendix N. The Office of the Fire Marshal Hazardous Materials Division has searched its records for any files pertaining to the subject property. SBFD finds identified an active hazardous material handler permit and an active hazardous waste generator permit for Vulcan Materials Western Division, at 19041 Cajon Blvd, San Bernardino, California. SBFD finds no records exist for the following:

- No record of inactive permit and/or non-permit facilities
- No permits to remove/install/modify underground storage tanks identified
- No record of hazardous materials incident response identified
- No record of site remediation and/or cleanup local oversight identified

### 4.2.2 Santa Ana Regional Water Quality Control Board

The RWQCB was contacted via e-mail on April 25, 2011. RWQCB confirmed that no records exist pertaining to the Site/facility.

### 4.2.3 Environmental Protection Agency

Due to the proximity of the Site to the Newmark Superfund Site further investigation was performed of the extents of groundwater contamination and current status of the investigation. The Site is located slightly upgradient of the northern extents of the groundwater investigation. Records from EDR and the U.S. EPA superfund website indicate that groundwater remediation is ongoing and that investigation in the Source Area OU, adjacent to the Site, has not been completed. In 2010, as part of a separate investigation, Dr. Kim Hoang was contacted about the current status of the Source Area OU for the Newmark Superfund Site. Dr. Hoang is the U.S. EPA representative in charge of directing the investigation and remediation efforts for the Newmark Superfund Site. Dr. Hoang stated that the Source Area OU is currently undergoing investigation and a remedial feasibility study is currently being developed and is scheduled for release to the public in 2011. She stated that there is no health (other than groundwater consumption) or ecological risk associated with groundwater from the Newmark Superfund Site due to the depth and low concentrations of chlorinated solvents. Brown and Caldwell inquired about potential institutional controls for the area, and she directed Brown and Caldwell to the City of San Bernardino Municipal Code Chapter 13 which has information about the Management Zone for the Newmark Superfund Site in which extraction activities are restricted. Dr. Hoang had no other information with regard to the subject Site at the time of the phone call and to date the feasibility study has not been completed.

The U.S. EPA was contacted again on April 11, 2011; however, there are no further developments at this time. The Source Area OU is still currently undergoing investigation and the feasibility study has not been released to the public.

## 4.3 Adjacent Property Owner Interview

### 4.3.1 ANCO International

An aerial review revealed Site activity at the southeast corner of the Site. The site reconnaissance recognized the activity as vegetation clearing. An interview with the adjacent property owner ANCO international revealed that the owner performs the vegetation clearing to 100 feet from the property line for fire prevention purposes. ANCO does not store the vegetation clearing equipment or other property within the Site area.

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## 5. RECORDS REVIEW

### 5.1 Historical Use Information

Brown and Caldwell reviewed *reasonably ascertainable* standard historical sources in an attempt to develop a history of the previous uses or occupancies of the Site and surrounding area. The objective was to identify those uses or occupancies that were likely to have led to *recognized environmental conditions* or *historical recognized environmental conditions* in connection with the Site. Brown and Caldwell attempted to identify uses or occupancies of the Site dating from the present back to when the property was first developed, or dating to at least 1954.

#### 5.1.1 Title Records

Brown and Caldwell reviewed records made available through the SBCAO Online Service web page (SBCAO 2011). The SBCAO contains chain-of-title records dating back to 1975 (see Appendix D). Previous owners include variety of private individuals, groups and, more recently, a corporation entity. The Client verified acquisition of the Site from the corporation entity California Portland Cement Co. California Portland Cement Co. processed aggregates material between 2000 and 2004. No further prior use of the Site is indicated.

#### 5.1.2 Environmental Lien Report

Based on the results of the Environmental Lien Report provided by EDR, the Site has had no activity or use limitations, leases, Notices of Voluntary Environmental Mitigation Use Restriction, Declarations of Environmental Use Restriction, or Environmental liens (Appendix F).

#### 5.1.3 Historical Aerial Photographs

Brown and Caldwell reviewed reasonably ascertainable aerial photographs depicting development of the Site and vicinity. Only nine aerial photographs were available including the years: 1930, 1938, 1953, 1966, 1972, 1990, 1995, 2002, and 2005. This interval is a deviation from the ASTM standard of a minimum of 5-year intervals. The aerial photographs were provided for review by EDR and described further in Table 5-1. The evaluation quality of aerial photographs is controlled by the photograph’s scale and quality. Copies of the aerial photographs provided by EDR have been included in Appendix G.

Table 5-1. Aerial Photography Summary

Date	Source of Aerial	Scale	Site	Adjacent Properties
1930	EDR	1" = 666'	The Site appears to be undeveloped.	A single adjacent property to the north has development. All other surroundings are undeveloped. The southern Pacific Railroad and a main access road (prelude to highway 215) are visible.
1938	EDR	1" = 555'	This photo is similar to the previous aerial photo.	This photo is similar to the previous aerial photo.
1953	EDR	1" = 555'	There appears to be a bridge road that crosses the site and Cajon Wash. The Site is still vacant.	The main road has expanded into the highway.
1966	EDR	1" = 555'	This photo is similar to the previous aerial photo.	Development is visible adjacent to the Site where C&G auto dismantlers currently are.
1972	EDR	1" = 400'	The previously mentioned bridge road looks to be abandoned. The Site is still vacant.	Further development both west and south of the Site.
1990	EDR	1" = 666'	This photo is similar to the previous aerial photo.	This photo is similar to the previous aerial photo.
1995	EDR	1" = 666'	This photo is similar to the previous aerial photo.	This photo is similar to the previous aerial photo.
2002	EDR	1" = 666'	Development at northern section of the Site. The area has been cleared and multiple concrete areas and buildings are visible.	This photo is similar to the previous aerial photo.
2005	EDR	1" = 604'	This photo is similar to the previous aerial photo.	This photo is similar to the previous aerial photo.

No environmental concerns were observed in the aerial photographs reviewed.

#### 5.1.4 Historical City Directories

The EDR City Directories report searches historical City directories available for the Site based on the current address. There are no listings in the City Directories Report. Based on information provided in the City Directories report no *recognized environmental conditions* were noted. The City Directories Database Search is included in Appendix H.

#### 5.1.5 Historical Topographic Maps

Brown and Caldwell reviewed available historical topographic maps for the Site and adjacent properties. The topographic maps were provided by EDR for the years of 1901, 1942, 1954, 1966, 1967, 1973, 1975, 1980, 1988, and 1996. A brief discussion of each map reviewed is included in Table 5-2. Copies of the maps are provided in Appendix I.

Table 5-2. Historical USGS Topographic Map Summary

Date	Map Name	Scale	Site	Adjacent Properties
1901	San Bernardino	1:62,500	The Site is undeveloped, vacant land and gently slopes to the southeast.	Adjacent properties are undeveloped during this time period. Southern California Railroad is visible on the map along with the.
1901	Southern CA Sheet 1	1:250,000	This map is similar to the previous.	This map is similar to the previous.
1942	San Bernardino	1:50,000	Access roads are developed. The Site is still undeveloped.	Structures are and greater network of access roads are noted. Highway 395 is visible on the map

Table 5-2. Historical USGS Topographic Map Summary

Date	Map Name	Scale	Site	Adjacent Properties
1954	San Bernardino	1:62,500	This map is similar to the previous.	This map is similar to the previous.
1954	San Bernardino North	1:24,000	Site not shown.	This map is similar to the previous.
1966	Devore	1:24,000	A single aboveground power pole utility line is shown crossing the Site. The Site is still undeveloped.	Further structures are developed within the immediate vicinity of the Site.
1967	San Bernardino North	1:24,000	Site not shown	This map is similar to the previous.
1973	San Bernardino North	1:24,000	Site not shown	This map is similar to the previous.
1975	San Bernardino	1:50,000	This map is similar to the previous.	This map is similar to the previous.
1980	Devore	1:24,000	This map is similar to the previous.	This map is similar to the previous.
1988	San Bernardino North	1:24,000	Site not shown	This map is similar to the previous.
1996	Devore	1:24,000	This map is similar to the previous.	This map is similar to the previous.
1996	San Bernardino North	1:24,000	Site not shown	This map is similar to the previous.

No environmental concerns were observed from the topographic maps reviewed.

### 5.1.6 Sanborn Fire Insurance Maps

The Sanborn Fire Insurance Map series illustrates detailed historical development in some older areas of the metropolitan areas. A map was requested for the Site and the adjoining properties from EDR. EDR certified that there were no maps available in the vicinity of the Site. The EDR document is provided in Appendix J.

### 5.1.7 Property Tax Map

The Property Tax Map includes information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification. These maps were requested from EDR for the Site. The EDR document is provided in Appendix K.

## 5.2 Previous Investigations and Assessments

Brown and Caldwell requested a record review from the SBCFD (which also serves as the hazardous material division of San Bernardino County) and the RWQCB of the subject site. With the exception of the currently active permits held by the Client for the site, neither entity identified any potential conditions. See section 4.1 for further information.

## 5.3 Standard Environmental Regulatory Record Sources

The purpose of the records review is to obtain and review reasonably ascertainable records that will help identify *recognized environmental conditions* or *historical recognized environmental conditions* in connection with the Site. As noted under ASTM E 1527-05, information that is not reasonably ascertainable may not be incorporated into this Phase I ESA report. The approximate msd for the Site is noted under each database listed in Table 5-3 based on the ASTM E 1527-05 standard and the AAI Rule. For this review, records were requested from EDR. The complete EDR radius report is included in Appendix L.

Table 5-3. Environmental Database Descriptions and Search Distances

Database Name	Date of Last EDR Update	Minimum Search Distance (miles)	Agency	Number of Listed Sites
<b>Federal ASTM Standard</b>				
National Priorities List (NPL)	4/13/2011	1.0	U.S. EPA	1
Proposed NPL Sites	4/13/2010	1.0	U.S. EPA	0
Delisted NPL Sites	2/14/2011	1.0	U.S. EPA	0
NPL Liens	2/14/2011	TP	U.S. EPA	0
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	3/01/2011	0.5	U.S. EPA	0
Federal Facility (CERCLIS)	1/11/2011	1.0	U.S. EPA	1
CERCLIS-No Further Remedial Actions Planned (NFRAP)	3/1/2011	0.5	U.S. EPA	0
Liens 2	1/31/2011	TP	U.S. EPA	0
Corrective Action Report (CORRACTS)-TSD	2/14/2011	1.0	U.S. EPA	0
Resource and Conservation Recovery Act (RCRA)-TSDF	4/5/2011	0.5	U.S. EPA	0
RCRA-LQG	4/5/2011	0.25	U.S. EPA	0
RCRA-SQG	4/5/2011	0.25	U.S. EPA	0
RCRA-CESQG	4/5/2011	0.25	U.S. EPA	0
RCRA-NonGen	4/5/2011	0.25	U.S. EPA	0
US ENG Controls	3/14/2011	0.50	U.S. EPA	1
US INST Controls	3/14/2011	0.50	U.S. EPA	1
Emergency Response Notification System (ERNS)	3/17/2011	TP	National Response Center, United States Coast Guard	0
HMIRS Database* (HMIRS)	4/5/2011	TP	U.S. Department of Transportation	0
DOT OPS	2/11/2011	TP	U.S. Department of Transportation	0
Clandestine Drug Labs (US CDL)	3/8/2011	TP	Drug Enforcement Administration	0
Historic CDL (US HIST CDL)	2/23/2009	TP	Drug Enforcement Administration	0
US Brownfields	3/29/2011	0.50	U.S. EPA	0
FEMA UST	1/17/2011	0.25	FEMA	0
Federal Department of Defense (DOD) Sites*	1/21/2011	1.0	United States Geological Survey (USGS)	0
Formerly Used Defense Sites (FUDS)	3/15/2011	1.0	US Army Corps of Engineers	1

Table 5-3. Environmental Database Descriptions and Search Distances

Database Name	Date of Last EDR Update	Minimum Search Distance (miles)	Agency	Number of Listed Sites
Land use Control Information System (LUCIS)	2/22/2011	0.50	Department of the Navy	0
Superfund Consent Decrees (CONSENT)	4/4/2011	1.0	Department of Justice	0
Records of Decision (ROD)	3/13/2011	1.0	U.S. EPA	1
Uranium Mill Tailing Sites (UMTRA)	6/13/2011	0.50	Department of Energy	0
Open Dump Inventory (ODI)	6/9/2004	0.50	U.S. EPA	0
Debris Region 9	3/28/2011	0.50	U.S. EPA	0
Mines	3/9/2011	0.25	Department of Labor	0
Toxic Chemical Release Inventory System (TRIS)	3/1/2011	TP	U.S. EPA	0
Toxic Substance Control Act (TSCA)	3/29/2011	TP	U.S. EPA	0
Federal Insecticide, Fungicide, and Rodenticide Act (FTTS Under TSCA)	2/28/2011	TP	U.S. EPA	0
Historic FTTS (HIST FTTS)	12/17/2007	TP	U.S. EPA	0
Section 7 Tracking System (SSTS)	1/31/2011	TP	U.S. EPA	0
Integrated Compliance Information System (ICIS)	3/28/2011	TP	U.S. EPA	0
PCB Activity Database System (PADS)	1/21/2011	TP	U.S. EPA	0
Material Licensing Tracking System (MLTS)	6/27/2011	TP	Nuclear Regulatory Commission	0
Radiation Information Database (RADINFO)	4/13/2011	TP	U.S. EPA	0
Facility Index System (FINDS)	3/14/2011	TP	U.S. EPA	0
State Coalition for Remediation of Dry Cleaners (SCRD DRYCLEANERS)	2/22/2011	0.5	U.S. EPA	0
RCRA Administrative Tracking System (RAATS)	6/2/2008	TP	U.S. EPA	0
Certified Processors Database (PROC)	3/23/2011	0.5	Department of Conservation	0
Coal Ash U.S. EPA	3/18/2011	0.5	U.S. EPA	0
Coal Ash DOE	5/2/2011	TP	Department of Energy	0
Medical Waste Management Program (MWMP)	3/14/2011	0.25	Department of Public Health	0
PCB Transformer	2/4/2011	TP	U.S. EPA	0
<b>California State Databases</b>				
Historic Cal-Sites (HIST Cal-Sites)	2/23/2009	1.0	Department of Toxic Substances Control (DTSC)	0
CA Bond Exp. Plan	5/31/1994	1.0	Department of Health Services	0
School Property Evaluation Program (SCH)	3/17/2011	0.25	DTSC	0

Table 5-3. Environmental Database Descriptions and Search Distances

Database Name	Date of Last EDR Update	Minimum Search Distance (miles)	Agency	Number of Listed Sites
Toxic Pits	1/26/2009	1.0	State Water Resources Control Board (SWRCB)	0
Solid Waste Information System (SWF/LF)	2/22/2011	0.50	Integrated Waste Management Board	0
Waste Discharge System (WDS)	2/28/2011	TP	SWRCB	0
Waste Management Unit Database (WMUDS)	2/14/2011	0.50	SWRCB	0
National Pollutant Discharge Elimination System (NPDES)	2/22/2011	TP	SWRCB	0
Cortese	4/5/2011	0.50	Cal/EPA	0
Historic Cortese (HIST CORTESE)	1/22/2009	0.50	Cal/EPA	0
Recycler Database (SWRCY)	3/23/2011	0.50	Department of Conservation	0
Leaking Underground Storage Tank (LUST)	3/28/2011	0.50	California Regional Water Quality Control Board, San Diego	0
Facility Inventory Database (CA FID UST)	12/28/1998	0.25	Cal/EPA	0
SLIC Database (SLIC)	3/23/2011	0.50	SWRCB	0
Active UST Facilities (UST)	3/23/2011	0.25	SWRCB	0
Historic UST Facilities (HIST UST)	7/26/2001	0.25	SWRCB	0
AST Facilities (AST)	4/11/2011	0.25	SWRCB	0
Environmental Liens Listing (LIENS)	3/28/2011	TP	DTSC	0
SWEEPS UST Listing (SWEEPS UST)	6/3/2005	0.25	SWRCB	1
California Hazardous Materials Incident Report System (CHMIRS)	4/5/2011	TP	Office of Emergency Services	0
Proposition 65 Records (Notify 65)	3/29/2011	1.0	SWRCB	0
Deed Restriction Listing (DEED)	3/18/2011	0.50	DTSC	0
Voluntary Cleanup Program (VCP)	4/5/2011	0.50	DTSC	0
Dry Cleaners	3/28/2011	0.25	DTSC	0
Well Investigation Program (WIP)	4/5/2011	0.25	Los Angeles Water Quality Control Board	0
Clandestine Drug Labs (CDL)	3/8/2011	TP	DTSC	0
State Response Sites (RESPONSE)	3/17/2011	1.0	DTSC	0
San Bernardino County Permit	2/14/2011	0.25	San Bernardino County	4
Facility and Manifest Data (HAZNET)	1/19/2011	TP	Cal/EPA	0
Emissions Inventory Data (EMI)	4/1/2011	TP	California Air Resources Board	0

Table 5-3. Environmental Database Descriptions and Search Distances

Database Name	Date of Last EDR Update	Minimum Search Distance (miles)	Agency	Number of Listed Sites
Haulers (HAULERS)	2/22/2011	TP	Integrated Waste Management Board	0
Land Disposal Sites Listings (LDS)	3/23/2011	TP	SWRCB	0
Military Cleanup Sites Listings (MCS)	3/23/2011	TP	SWRCB	0
ENVIROSTAR	3/17/2011	1.0	DTSC	1
Financial Assurance	3/7/2011	TP	DTSC	0
Registered Hazardous Waste Transporter (HWT)	1/18/2011	0.25	DTSC	0
ENVIROSTAR Permitted Facility (HWP)	3/4/2011	1.0	DTSC	0
Tribal Records				
Indian Reservations	1/21/2011	1.0	USGS	0
Indian Voluntary Cleanup Program	3/17/2011	0.5	U.S. EPA	0
Indian ODI	2/8/2011	0.5	U.S. EPA	0
Indian Leaking Underground Storage Tanks	2/3/2011	0.50	U.S. EPA	0
Indian Underground Storage Tanks	1/31/2011	0.25	U.S. EPA	0
EDR Proprietary Databases				
Manufactured Gas Plants	NA	1.0	EDR	0
EDR Historical Auto Stations	NA	0.25	EDR	0
EDR Historical Cleaners	NA	0.25	EDR	0

TP = Target Property

NA = Not Applicable

Results of the search of the various applicable government agencies by EDR resulted in six facilities within the msd for the Site, but no listing for the subject Site. The seven listings are for the VMC and CalMat Inc., Newmark Superfund Site, Cesar Chavez Middle School, AL-Joe Lumber Company, G&G Auto Dismantlers, Grand Central Station Auto Park and the Ratchet & Hatchet Towing. A description of each of the sites is listed below in the following sections.

### 5.3.1 VMC and CalMat Inc.

In 1999, VMC acquired CalMat Inc. (CalMat) expanding its aggregate operations in California, including this Site. CalMat formerly operated a construction project at the Site under an active NPDES permit as prescribed by 1999 California Storm Water Construction General Permit (99-08-DWQ). CalMat identified the disposal of waste oil, mixed oil, an unspecified aqueous solution and organic solids between 2008 and 2009. The Waste Discharge Identification Number (WDID) for the facility was 836C346652. The operation and NPDES permit are currently inactive.

The Client currently operates an industrial facility at the Site under an active NPDES permit as prescribed by 1997 California Storm Water Industrial General Permit (97-03-DWQ). The industrial facility includes the known disposal of liquid and semisolid wastes from serving and storage operations. The WDID for the facility is 836I018925.

### 5.3.2 Newmark Superfund Site

The Newmark Superfund site is listed in the NPL, CERCLIS, US Engineering Controls, US Institutional Controls, ROD and FINDS databases. The superfund site consists of a diffuse chlorinated solvent plume that has impacted approximately eight square miles of the Bunker Hill sub-basin in northern San Bernardino County. The primary solvents of concern are tetrachloroethene (PCE) and trichloroethene (TCE) detected generally at low concentrations, but exceeding the U.S. EPA maximum contaminant levels (MCLs) for PCE and TCE of 5 micrograms per liter ( $\mu\text{g}/\text{l}$ ). The source of the solvents is unknown at the current time, but recent investigations performed during 2009 indicate that the likely source is dumping at former Camp Ono located approximately 0.5 miles southeast of the Site. Investigation of the impacted groundwater began in 1989 focusing on controlling impacts near municipal drinking water wells. Since the initial discovery three OUs have been established including the Muscoy, Newmark, and Source Area. Most of the focus to date has been to contain the groundwater plume in the Newmark and Muscoy OUs by pumping and treating the impacted groundwater at the leading edge of the plume. Investigations into the potential for human health and ecological risk have been performed at all three OUs based on the concentrations of TCE and PCE in groundwater. The only risk identified was for use of groundwater with other potential exposure routes, such as vapor intrusion, considered to be *de minimis* due to the low concentrations and depth of groundwater.

The Site is located adjacent to the northern edge of the Source Area OU. Monitoring wells in this OU located in the vicinity of the Site have low ( $<5 \mu\text{g}/\text{l}$ ) to not reportable concentrations of TCE and PCE, but there is no evidence that they impacts currently extend to beneath the Site. Concentrations from wells in this area are all below the MCL for TCE and PCE in drinking water. Based on review of historical reports, the Source Area OU was developed to investigate possible sources of the groundwater contamination, and was not made a priority in the investigation until 2009 when a remedial investigation and feasibility study (RI/FS) was initiated for the OU. Since investigation is still ongoing, there has been little work performed in the OU (other than trying to identify a source area) and unlike the other two OUs there is not currently any active remediation. In development of the RI/FS the U.S. EPA may implement engineering and additional institutional controls (on top of existing restrictions) for properties located within this OU. Though the Site is upgradient, due to the impacts to groundwater, incomplete investigation in the vicinity of the Site and the possible restrictions on use of groundwater, the Newmark Superfund site is considered a *recognized environmental condition*. It should be noted that there is no evidence or documentation that impacts have occurred as a result of activities at the Site and impacts to groundwater are associated with the Newmark Superfund Site source area.

### 5.3.3 Cesar Chavez Middle School

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Programs ENVIROSTOR database identifies sites that have known contamination or sites for which there may be reasons to investigate further. A review of ENVIROSTOR list as provided by EDR revealed that the Cesar Chavez Middle School is within approximately 1 mile of the Site at 3400 Belmont Avenue. This listing is likely for an investigation into possible contamination due to past agricultural practices (e.g., pesticide contamination, etc.). It appears that no environmental conditions were discovered to prevent development of the school, so presence of the facility does not indicate a direct or potential *recognized environmental condition* for the Site.

### 5.3.4 AL-JOE Lumber Company

The AL-JOE Lumber Company is an adjacent property located at 19416 Cajon Boulevard approximately  $\frac{1}{8}$  of a mile up-gradient of the Site. It is listed in both the San Bernardino County Permit database and Statewide Environmental Evaluation and Planning System (SWEEPS) due to a single onsite 1,000 gallon leaded fuel UST. There are no listings of releases or environmental investigations in the database or other records searches. The presence of the facility does not indicate a direct or potential *recognized environmental condition* for the Site.

### 5.3.5 C&G Auto Dismantlers and Grand Central Station Auto Park

The C&G Auto Dismantlers and Grand Central Station Auto Park Company are adjacent properties located at 19407 Cajon Boulevard approximately  $\frac{1}{8}$  of a mile up-gradient of the Site. Both are listed in the San Bernardino County Permit database as a special generator. The term ‘special generator’ is SBFD specific, and represents those business that provide complete recycling of only waste oil, ethylene glycol, automotive parts, cleaning solvents, waste paint or other wastes defined by San Bernardino County Code 23.0711(a)(3).

The presence of the facility does not indicate a direct or potential *recognized environmental condition* for the Site since it did not occupy the area of the property and the site reconnaissance did not indicate migration of hazardous waste onto the Site.

### 5.3.6 Ratchet & Hatchet Towing

The Ratchet & Hatchet Towing is located at 19612 Kendall Drive approximately  $\frac{1}{4}$  of a mile down-gradient of the Site. It is listed in both the San Bernardino County Permit database as an inactive limited quantity generator. Since the facility is no longer in use and has no legacy environmental impacts it is not considered a *recognized environmental condition* for the Site.

## PHASE I ESA – SAN BERNARDINO AREA'S D, E &amp; F

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## 6. FINDINGS AND CONCLUSIONS

### 6.1 Summary of Findings

Brown and Caldwell has performed a Phase I ESA of parcels 262-042-03, 262-042-07, 262-042-14 and 262-042-16 located at 19401 N. Cajon Boulevard, in San Bernardino, California, in conformance with the scope and limitations of ASTM Practice E 1527-05. Any exceptions to, or deviations from, this practice are described in Section 1.4 of this Phase I ESA report and further described in Section 6.2.

Brown and Caldwell conducted a site reconnaissance on April 26, 2011 to identify potential environmental conditions in connection with the Site. The Site consists of 89 acres and is currently undeveloped in the southern portion and used as a staging area and maintenance area in the northern portion. The northern property contains several sheds, operation trailers, and storage areas. Maintenance of machinery occurs in this area which generates waste products such as oil and aerosol cans, and some oil products and lubricants are also stored on site. These products are stored on secondary containment pallets and have a covering. Minor staining was observed at the Site due to storage of equipment and maintenance activities, but the staining was minor (less than 1 foot in diameter). The Site gently slopes to the southeast with an average elevation of 1,820 feet above mean sea level. Stormwater is generally contained on the Site due to the presence of a retention basin and the 48 acre undeveloped area which is well vegetated. It is located next to low industrial developments and undeveloped land (see Figure 2).

Brown and Caldwell conducted a review of historical records for the Site. Records reviewed for this Phase I ESA included an environmental database search for the Site and a request for records from the Sbfd, and the RWQCB. With the exception of the active hazardous material handler and hazardous waste generator permits currently held by the Client, Sbfd could find no records pertaining to the subject property. Likewise, the RWQCB researched their records for files pertaining to the subject property and they reported no records exist for the site description. Based on the results of the historical records review provided by EDR, development occurred in the vicinity of the Site in 2000 and appears to be industrial in nature. The Client questionnaire stated that the previous tenant, California Portland Cement, operated an aggregate facility on the Site for a period of four years. An aggregate facility would likely use, store and generate hazardous substances and petroleum products during the course of its operations. Brown and Caldwell did not interview this past tenant, and the lack of information constitutes a data gap; however, the records reviewed during the course of this Phase 1 have no evidence of documented spills or releases at the Site. Additionally, the Client indicated that the Site was in working order during property transfer.

The EDR report did indicate that the Site was located near the Source Area OU for the Newmark Superfund Site. Monitoring wells in this OU located in the vicinity of the Site have low (<5 µg/l) to not reportable concentrations of TCE and PCE, but it does not appear that the contamination extends underneath the Site based on the current data. Based on review of available records, the Source Area OU is currently in the RI/FS process which will likely be completed in 2011. In development of the RI/FS the U.S. EPA may implement engineering and institutional controls for properties located within this OU similar to the other two OUs, which includes limitations on usage of groundwater. Due to the impacts to groundwater in the vicinity of the Site, the ongoing investigation into the extent of the impacts in the Source Area OU and the possible restrictions on use of groundwater at the Site, the Newmark Superfund site is considered a *recognized environmental condition*.

## 6.2 Data Gaps

Through the course of this assessment, Brown and Caldwell encountered data gaps or data failures. The following provides the opinion of the environmental professional as to the significance of the data gaps in terms of defining *recognized environmental conditions* at the Site. Data failures may or may not be data gaps, and the discussion also provides information pertaining to whether the data failures resulted in data gaps.

- Aerial photographs and other historical records were not available at 5-year intervals as required under the ASTM E 1527-05 standard. This resulted in a data gap for years that records were not available regarding the Site and *adjoining properties*. However, it appears that based on available aerials photographs, topographic maps and Site reconnaissance, the Site has been solely used as residential housing since the 1950s. Therefore, this data gap is not considered to be significant in determining *recognized environmental conditions*.
- At the request of the client extensive interviews with previous owners was not performed during this Phase I ESA. The lack of interviews with the previous owners represents a data gap in determining potential recognized environmental conditions in connection with the property. Based on past usage of the Site and available records, this does not appear to be a significant data gap.
- At the request of the Client, extensive interviews were not conducted with adjoining property owners. Due to the lack of knowledge about activities at these properties by current or past owners there is the potential for environmental impacts on adjoining properties that were not identified during the file review process. During the site reconnaissance it did not appear that these facilities were a source of potential contamination to the property, so this is not considered a significant data gap.
- The site reconnaissance observed minor stains within the staging area; however, Brown and Caldwell was unable to observe areas directly under larger mechanical pieces. This is considered a data gap that warrants further investigation once the equipment is moved and the soil in this area can be inspected.
- A 50-year chain-of-title search was not performed for this Phase I ESA. Records from the SBCAO indicated that the Site was owned previously by the corporation California Portland Cement Co. between 2000 and 2004 as an aggregate manufacture. California Portland Cement Co. may have stored and/or used hazardous materials that may have resulted in potential environmental conditions at the Site. The absence of information creates a data gap with regard to ownership history. Based on review of available records, interviews and inspection of aerial photographs the Site was first developed for aggregate mining and associated activities. Since the history of usage is well established, the lack of a 50-year chain-of-title is not considered a significant data gap.

## 6.3 Conclusions

Based on our understanding of VMC's unique interests in this Site, and based on the results of this Phase I ESA, Brown and Caldwell has determined there is one *recognized environmental condition* at the Site in connection with contaminated groundwater and potential restrictions on groundwater extraction. It should be noted, though, that a data gap is present due to limited access in areas of the heavy equipment and parts storage. These areas should be inspected for staining upon removal from the Site. Below is a summary of the conditions observed at the Site.

### 6.3.1 Recognized Environmental Conditions

This Phase I ESA has revealed one *recognized environmental condition* in connection with the property:

- The Site is currently located upgradient of the footprint of the Newmark Superfund Site's Source Area OU. Investigation of this OU is currently ongoing, but in down-gradient OUs both engineering controls (i.e., operation of a pump and treat system), and institutional controls (i.e., restrictions on groundwater

pumping) have been implemented. It is likely that similar engineering controls will be implemented for the Source Area OU. There is no evidence or documentation indicating that that impacted groundwater from the Newmark Superfund site extends beneath the Site, but investigation is ongoing in this area of the operable unit. Since there is currently a well on the property this well should be sampled to verify that it is not impacted, or destroyed if it is no longer in use.

### 6.3.2 Historical Recognized Environmental Conditions

This Phase I ESA has revealed no evidence of *historical recognized environmental conditions* in connection with the property.

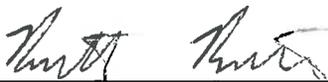
### 6.3.3 Environmental Concerns and de Minimis Conditions

This Phase I ESA has revealed two *de minimis* conditions or environmental concerns in connection with the property.

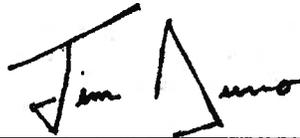
- The site reconnaissance revealed miscellaneous trash debris on the adjacent parcel bordering the west boundary of the Site. These include seemingly abandoned vehicles, boats, metal, wood and plastic materials. Staining or other indications of potential chemical releases were not observed around the vehicles or other debris. Additionally, the Site is up gradient of this area.
- During the site reconnaissance, minor stains were noted within the gravel staging area. The staining indicated the release of petroleum based product from past equipment use or storage. These stained areas are considered *de minimis* conditions due to relatively small size, less than 1 foot in diameter, indicating a small quantity of release which would not present sufficient threat to human health or the environment.

## 6.4 Environmental Professional's Statement

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional(s) as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.



Brett Bennetts, PE  
Project Engineer



Tim Seeno, PG #8381  
Principal Geologist

## PHASE I ESA – SAN BERNARDINO

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### 7. ENVIRONMENTAL PROFESSIONALS' QUALIFICATIONS

Brown and Caldwell personnel involved with this project are listed below along with pertinent information regarding their qualifications and specialized knowledge. Additional details regarding each listed professional have been included in Appendix M.

Brown and Caldwell Environmental Professionals conducting the assessment include Timothy Seeno and Brett Bennetts.

## PHASE I ESA – SAN BERNARDINO

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### 8. LIMITATIONS

#### **Report Limitations**

This document sets forth the results of certain services performed by Brown and Caldwell with respect to the property or facilities described therein (the “Site”). Vulcan Materials Company recognizes and acknowledges that these services were designed and performed within various limitations, including budget and time constraints. These services were not designed or intended to determine the existence and nature of all possible environmental risks (which term shall include the presence or suspected or potential presence of any hazardous waste or hazardous substance, as defined under any applicable law or regulation, or any other actual or potential environmental problems or liabilities) affecting the Site. The nature of environmental risks is such that no amount of additional inspection and testing could determine as a matter of certainty that all environmental risks affecting the Property had been identified. Accordingly, this document does not purport to describe all environmental risks affecting the property, nor will any additional testing or inspection recommended or otherwise referred to in this document necessarily identify all environmental risks affecting the Site.

Further, Brown and Caldwell makes no warranties, express or implied, with respect to this document, except for those, if any, contained in the agreement pursuant to which the document was prepared. All data, drawings, documents, or information contained in this report have been prepared exclusively for the person or entity to whom it was addressed and may not be relied upon by any other person or entity without the prior written consent of Brown and Caldwell unless otherwise provided by the Agreement between Brown and Caldwell and Vulcan Materials Company dated April 7, 2011 pursuant to which these services were provided.

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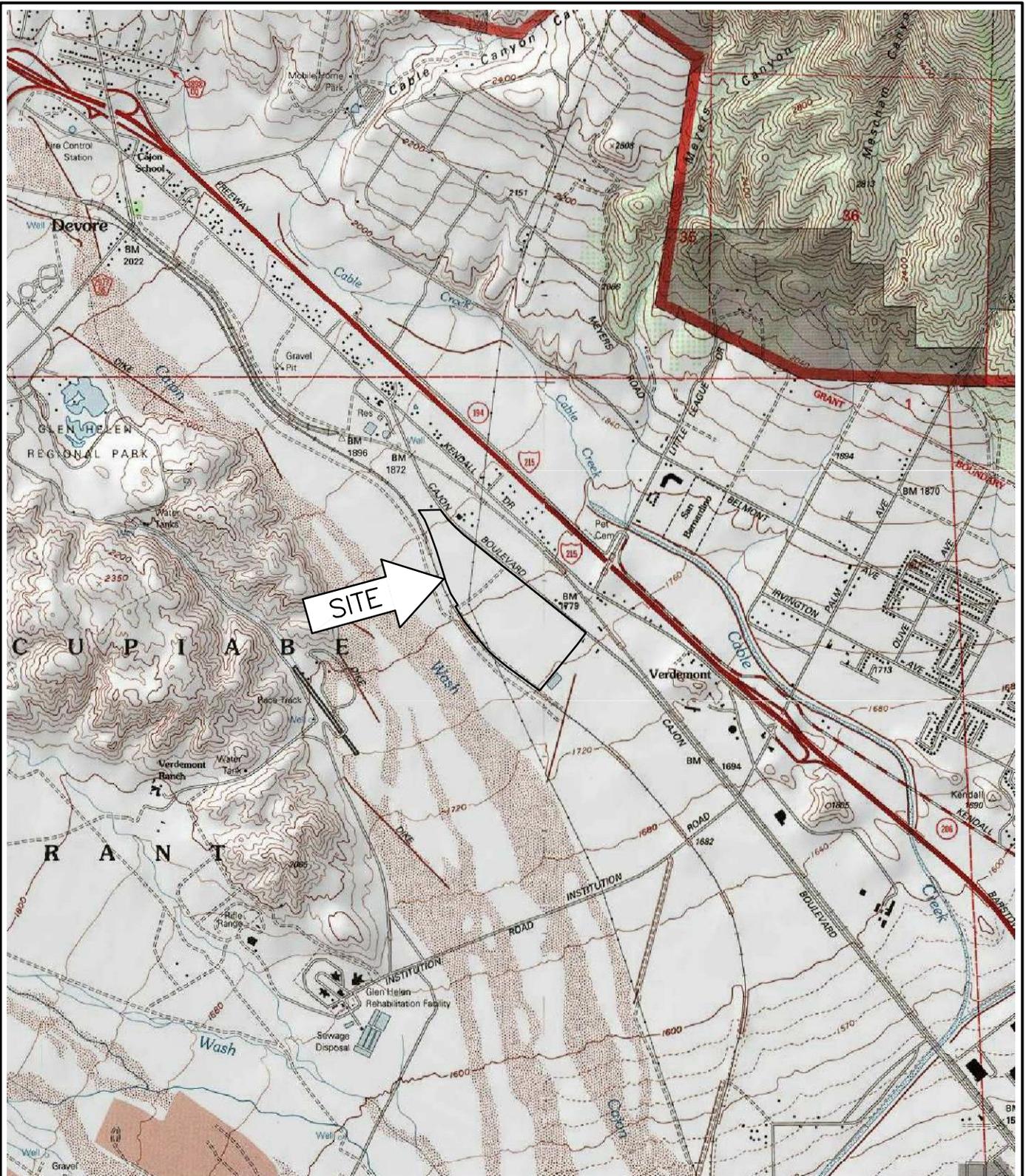
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## FIGURES

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*Figure 1. Site Location Map*

*Figure 2. Site Map*



SOURCE: USGS TOPOGRAPHICAL MAP, SAN BERNARDINO NORTH, CA, 1996

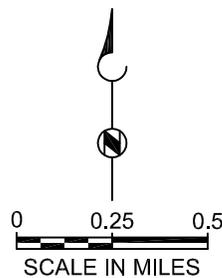


Figure 1  
SITE LOCATION

VULCAN MATERIALS COMPANY

ESTILES | May 19, 2011 - 4:35PM | Dwg: Phs1 SiteMap | Layout: ES-STD (11X17 LAND) | Path: P:\Projects\Vulcan Materials Company\140962 - San Bernardino Phase | ESAs 2011\CAD-ES\Figures



SOURCE: GOOGLE EARTH AERIAL, BUILD DATE: NOV 12, 2009

Figure 2  
SITE MAP

VULCAN MATERIALS COMPANY

## APPENDIX A

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### Scope of Work

## EXHIBIT 1 - SCOPE OF SERVICES FOR PHASE I ENVIRONMENTAL SITE ASSESSMENTS

Brown and Caldwell Consultants, Inc. (BC) will perform a Phase I Environmental Site Assessment (ESA) of each *property* in accordance with American Society for Testing and Materials (ASTM) Standard E 1527-05. The scope of these services will include the following tasks. All italicized terms refer to the definitions set forth in Section 3.2 of the ASTM Standard. All work will be performed under the supervision of a qualified *environmental professional*.

### Task 1.0 - Records Review

BC will obtain and review reasonably ascertainable and practically reviewable records in an attempt to identify recognized environmental conditions or historical recognized environmental conditions in connection with the property. BC may utilize commercial sources for some aspects of the records review. The records will include the following standard environmental record sources

List	Approximate Minimum Search Distance (miles)
Federal NPL Site List	1.0
Federal CERCLIS List	0.5
Federal CORRACTS TSD Facility List	1.0
Federal RCRA non-CORRACTS TSD Facility List	0.5
Federal RCRA Generator List	<i>property and adjoining properties</i>
Federal ERNS List	<i>property only</i>
State Equivalent Superfund List	1.0
State Equivalent CERCLIS	0.5
State Open Landfills List	0.5
State Closed Landfills and Dumps List	0.5
State Registered UST List	<i>property and adjoining properties</i>
State Reported Leaking UST List	0.5

### Task 1.1 - Additional Environmental Record Sources

The records may include one or more of the following *additional environmental record sources*, at the discretion of the *environmental professional*, to enhance and supplement the federal and state sources identified above.

List	Approximate Minimum Search Distance (miles)
Local or County Lists of Landfill/Solid Waste Disposal Sites	0.5
Records of Emergency Release Reports (SARA 304)	<i>property only</i>
Records of Contaminated Public Wells	0.5
Fire Department	<i>property only</i>
Local Water Quality Agency	0.5
Local Electric Utility Companies (for information relating to PCBs)	<i>property only</i>

### Task 1.2 - Standard Physical Setting Source

BC will review a current USGS 7.5 Minute Topographic Map showing the area on which the *property* is located.

### Task 1.3 - Standard Historical Sources

BC will review *reasonably ascertainable standard historical sources* in an attempt to develop a history of the previous uses or occupancies of the *property* and surrounding area. The objective will be to identify those uses or occupancies that are likely to have led to *recognized environmental conditions or historical recognized environmental conditions* in connection with the *property*. BC will attempt to identify uses or occupancies of the property from the present dating back to 1940, or until the property was first developed, whichever is earlier. At least one of the standard historical sources will be researched to 1940, or a combination of historical sources will be used to determine the use or occupancies of the property dating back to 1940, or until the property was first developed. Search intervals will be such to adequately establish the site history within the extent records are *reasonably ascertainable*.

1. Aerial Photographs
2. Fire Insurance Maps
3. Property Tax Files
4. Recorded Land Title Records\*
5. USGS 7.5 Minute Topographic Maps
6. Local Street Directories
7. Building Department Records
8. Zoning/Land Use Records

\* If authorized by client. The chain of title search is not included in the scope of services unless specifically added. The user should check or engage a title company to check for reasonably ascertainable recorded land title records for environmental liens currently recorded against the property. Any environmental liens currently recorded against the property should be reported to the environmental professional.

After checking all *reasonably ascertainable standard historical sources*, whatever history of previous site uses is available shall be deemed sufficient to comply with the ASTM Practice.

### Task 2.0 - Site Reconnaissance

BC will conduct a *site visit* to the *property* during which the periphery of the *property* shall be *physically and visually observed*, as well as any structure(s) located on the *property*, to the extent the property or structures are not obstructed by bodies of water, adjacent buildings or other obstacles. The methodology used to observe the property will be documented in the report, as well as limitations imposed by physical obstacles and limiting conditions. The *site visit* will include:

**General Site Setting:** Current use of the property, adjoining properties, and surrounding area; past uses of the property, adjoining properties, and surrounding area, if indicated by the site reconnaissance; geologic, hydrogeologic, hydrologic, and topographic conditions, as indicated by visual observations; roads and structures on the property; the source of potable water and the sewage disposal system for the property.

**Interior Observations:** The means of heating and cooling the buildings on the property, including the fuel source. Stains/corrosion, floor drains, and sumps, to the extent they are visually or physically observed or identified from interviews, shall be described in the report.

**Exterior Observations:** The presence of hazardous materials including, but not limited to, polychlorinated biphenyls (PCBs), pesticides, above or below ground fuel/chemical storage tanks and pipelines, drums, transformers, drains, sumps, drywells, unidentified substance containers, unusual land colorations, and odors and physical irregularities. The presence of wells, stressed vegetation from other than insufficient water, pits, ponds or lagoons, and stained soil or pavement. The presence of waste water discharges to surface waters, septic systems, drains, drywells, holding ponds and public sewer systems. The presence of systems to dispose of solid wastes and other liquid waste. The presence of fill material other than landscaping material.

**Adjoining Properties:** This will include a visual examination, to the degree possible without trespass, of land use conditions that may adversely affect the *property* including: underground or above ground storage tanks; pits, ponds, and lagoons; landfills; stains, odors, distressed vegetation, or other obvious indications of *recognized environmental conditions*.

### Task 3.0 - Interviews with Owners And Occupants

If directed to by VMC, BC will make reasonable attempts to interview *owners* or *occupants* of the property to obtain information regarding *recognized environmental conditions or historical recognized environmental conditions* in

connection with the *property*. Prior to the *site visit*, the *user* (client) should identify a person with good knowledge of the *property*. If a *key site person* is not identified prior to the site visit, BC will inquire during the site visit, whether a person with good knowledge of the property is available to be interviewed at that time.

Prior to the site visit, the *user* should provide, or cause to be provided to BC any applicable environmental permits, site assessment reports, environmental audits, registration information for underground storage tanks, hazardous waste generator reports, manifests, material safety data sheets, environmental violation notices or environmental liens, or other documents applicable to an evaluation of *recognized environmental conditions* or *historical recognized environmental conditions* on the site, of which the *user* or *key site person* is aware.

#### **Task 4.0 - Evaluation and Report Preparation**

The report will generally follow the format outlined in ASTM E1527-05 unless otherwise specifically requested. The report will include documentation of all sources, including those that revealed no findings. Credentials of the environmental professional(s) involved in conducting the Phase I ESA will be provided including a qualifications statement of relevant experience of the individual(s) and corporate experience. The environmental professional(s) responsible for the Phase I ESA shall sign the report.

The report shall state whether the *user* (client) reported to the *environmental professional* any information pursuant to the *user's* responsibilities.

The report shall include a list of findings and the *environmental professional's* opinion regarding why each finding does or does not represent a recognized *environmental condition* in connection with the *property*.

The report shall have a conclusions section that states one of the following:

- "BC has performed a *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Practice E 1527-05 of, the *property*. Any exceptions to, or deletions from, this practice are described in Section [ ] of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property," or
- "BC has performed a *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Practice E 1527-05 of, the *property*. Any exceptions to, or deletions from, this practice are described in Section [ ] of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the *property* except for the following: (list)."

All deletions and deviations from this practice shall be listed individually and in detail, and all additions shall be listed.

Any additional services including a broader scope of assessment, more detailed conclusions, liability/risk evaluations, work plans for Phase II investigations, remediation techniques, etc., are beyond the scope of this practice.

#### **Limitations of This Scope of Services**

Not every *property* will warrant the same level of assessment. Consistent with good commercial or customary practice, the appropriate level of environmental site assessment will be guided by the type of property subject to assessment for expertise and risk tolerance of the user, and the information developed in the course of inquiry.

The Phase I ESA process is not intended to provide a guarantee regarding the presence or absence of *petroleum products* or *hazardous substances* on the *property*. The findings and conclusions of this assessment will be limited by the following factors:

1. The proposed scope of work is not an exhaustive inquiry, but represents an appropriate, commercially prudent, and reasonable level of effort. In accordance with the ASTM Standard, this assessment is intended to reduce, but not eliminate, the level of uncertainty regarding the potential for recognized environmental conditions on the Site.
2. The availability of data may be limited, particularly in regards to historical Site uses. Where such limitations are material to the conclusions of the assessment, they will be identified in the report.

3. BC cannot verify the accuracy of data obtained from government agencies, commercial sources, interview subjects, and other third-party sources.

This Phase I ESA represents conditions which exist at the time the work is performed, and should not be considered indicative of conditions which may exist at a substantially later date. The assessment will be completed in accordance with a reasonable understanding of the *recognized environmental conditions* and regulatory standards which exist at the time the work is performed.

### **Assumptions**

BC's proposal to complete these services within the quoted cost and time are based upon certain assumptions. These include the cooperation of the site owners and occupants, and full access to the entire site without delay or re-work. BC also assumes that if the *user* is aware of any specialized knowledge or experience that is material to *recognized environmental conditions* in connection with the *property*, the *user* will communicate any information based on such specialized knowledge or experience to the *environmental professional* prior to the site visit.

### **Exclusions**

This Scope of Services does not include an evaluation of issues which are not addressed in the ASTM standard. Non-scope considerations a client may wish to address in connection with a Phase I ESA are listed below:

- Archeological or other Cultural Resources
- Lead-Based Paint
- Lead in Drinking Water
- Occupational Safety and Health Hazards
- Radon
- Asbestos-Containing Materials

This list of non-scope considerations is not intended to be all-inclusive.

## APPENDIX B

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### **Definitions and Description of Terms Specific to the ASTM Standard**

## **DEFINITIONS AND DESCRIPTIONS OF TERMS SPECIFIC TO THE ASTM STANDARD**

**Abandoned property** – property that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current owner to surrender rights to the property.

**Activity and use limitations** – legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or ground water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls, are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or ground water on the property.

**Actual knowledge** – the knowledge actually possessed by an individual who is a real person, rather than an entity. Actual knowledge is to be distinguished from constructive knowledge, which is knowledge imputed to an individual or entity.

**Adjoining properties** – any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them.

**Aerial photographs** – photographs taken from an aerial platform with sufficient resolution to allow identification of development and activities of areas encompassing the property.

**All Appropriate Inquiry** – that inquiry constituting "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in CERCLA, 42 USC § 9601(35)(B), that will qualify a party to a commercial real estate transaction for one of the threshold criteria for satisfying the LLPs to CERCLA liability (42 USC § 9601(A) and (B), § 9607(b)(3)), § 9607(q), and § 9607® assuming compliance with other elements of the defense.

**Approximate minimum search distance (msd)** – the area for which records must be obtained and reviewed pursuant to Section 8 of ASTM E 1527-05, subject to the limitations provided in that section. This may include areas outside the property and shall be measured from the nearest property boundary. This may include areas outside the property and shall be measured from the nearest property boundary. This term is used in lieu of radius to include irregularly shaped properties.

**Bona fide prospective purchaser liability protection** – a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made "all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices." Knowledge of contamination resulting from all appropriate inquiry would not generally preclude this liability protection. A person must make all appropriate inquiry on or before the date of purchase. The facility must have been purchased after January 11, 2002.

**Brownfields Amendments** – amendments to CERCLA pursuant to the Small Business Liability Relief and Brownfields Revitalization Act, Pub. L. No. 107-118 (2002), 42 U.S.C. §§ 9601 et Seq.

**Building department records** – those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property.

**Business Environmental Risk** – a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice.

**Commercial real estate** – any real property except a dwelling or property with no more than four dwelling units exclusively for residential use (except that a dwelling or property with no more than four dwelling units exclusively for residential use is included in this term when it has a commercial function, as in the building of such dwellings for profit). This term includes but is not limited to undeveloped real property and real property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; properties used for residential purposes that has more than four residential dwelling units; and property with no more than four dwelling units for residential use when it has a commercial function, as in the building of such dwellings for profit.

**Commercial real estate transaction** – a transfer of title to or possession of real property or receipt of a security interest in real property, except that it does not include transfer of title to or possession of real property or the receipt of a security interest in real property with respect to an individual dwelling or building containing fewer than five dwelling units, nor does it include the purchase of a lot or lots to construct a dwelling for occupancy by a purchaser, but a commercial real estate transaction does include real property purchased or leased by persons or entities in the business of building or developing dwelling units.

**Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)** – the list of sites compiled by U.S. EPA that U.S. EPA has investigated or is currently investigating for potential hazardous substance contamination for possible inclusion on the National Priorities List.

**Construction debris** – concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to property.

**Contaminated public wells** – public wells used for drinking water that have been designated by a government entity as contaminated by toxic substances (e.g., chlorinated solvents), or as having water unsafe to drink without treatment.

**Contiguous property owner liability protection** – a person may qualify for this protection if, among other requirements, such person owns real property that is contiguous to, and that is or may be contaminated by hazardous substances from other real property that is not owned by that person. Furthermore, such person conducted all appropriate inquiry at the time of acquisition of the property and did not know or have reason to know that the property was or could be contaminated by a release or threatened release from the contiguous property. The all appropriate inquiry must not result in knowledge of contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for this protection.

**CORRACTS list** – a list maintained by U.S. EPA of hazardous waste treatment, storage, or disposal facilities and other RCRA-regulated facilities (due to past interim status or storage of hazardous waste beyond 90 days) that have been notified by the U.S. EPA to undertake corrective action under RCRA. The CORRACTS list is a subset of the U.S. EPA database that manages RCRA data.

**Data failure** – a failure to achieve the historical research objectives in Sections 8.3.1 through 8.3.2.2 of the ASTM E 1527-05 that are reasonably ascertainable and likely to be useful. It is one type of data gap.

**Data gap** – a 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 reconnaissance), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.).

**Demolition debris** – concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to property.

**Drum** – a container (typically, but not necessarily, holding 55 gallons (208 L) of liquid) that may be used to store hazardous substances or petroleum products.

**Dry wells** – underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. Dry wells are used for drainage, to control storm runoff, for the collection of spilled liquids (intentional and non-intentional) and wastewater disposal (often illegal).

**Due diligence** – the process of inquiring into the environmental characteristics of a parcel of commercial real estate or other conditions, usually in connection with a commercial real estate transaction. The degree and kind of due diligence vary for different properties and differing purposes.

**Dwelling** – structure or portion thereof used for residential habitation.

**Engineering controls (EC)** – physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property. Engineering controls are a type of activity and use limitation (AUL).

**Environmental compliance audit** – the investigative process to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations. This term should not be used to describe Practice E 1527 (Phase I Environmental Site Assessment), although an environmental compliance audit may include an environmental site assessment or, if prior audits are available, may be part of an environmental site assessment.

**Environmental lien** – a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC § 9607(1) and similar state or local laws.

**Environmental professional (EP)** – a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b).

**Environmental site assessment (ESA)** – the process by which a person or entity seeks to determine if a particular parcel of real property (including improvements) is subject to recognized environmental conditions. At the option of the user, an environmental site assessment may include more inquiry than that constituting all appropriate inquiry or, if the user is not concerned about qualifying for the LLPs, less inquiry than that constituting appropriate inquiry. An environmental site assessment is both different from and less rigorous than an environmental compliance audit.

**ERNS list** – U.S. EPA's Emergency Response Notification System list of reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. Notification requirements for such releases or spills are codified in Title 40 Code of Federal Regulations Parts 302 and 355 (40 CFR Parts 302 and 355).

**Federal Register (FR)** – publication of the United States government published daily (except for federal holidays and weekends), containing all proposed and final regulations and some other activities of the federal government. When regulations become final, they are included in the Code of Federal Regulations (CFR), as well as published in the Federal Register.

**Fill dirt** – dirt, soil, sand, or other earth, that is obtained offsite that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real property. It does not include material that is used in limited quantities for normal landscaping activities.

**Fire insurance maps** – maps produced for private fire insurance companies that indicate uses of properties at specified dates and that encompass the property.

**Good faith** – the absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one's obligations in the conduct or transaction concerned.

**Hazardous substance** – A substance defined as a hazardous substance pursuant to CERCLA 42 USC § 9601(1), as interpreted by U.S. EPA regulations and the courts: "(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (42 USC §6921) (but not including any waste the regulation of which under the Solid Waste Disposal Act (42 USC §6901 et seq.) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 USC § 7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator of the U.S. EPA has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

**Hazardous waste** – any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (42 USC § 6921) (but not including any waste the regulation of which under the Solid Waste Disposal Act (42 USC §6901 et seq.) has been suspended by Act of Congress). The Solid Waste Disposal Act of 1980 amended RCRA. RCRA defines a hazardous waste, in 42 USC § 6903, as: "a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may—(A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."

**Hazardous waste/contaminated sites** – sites on which a release has occurred, or is suspected to have occurred, or is suspected to have occurred, of any hazardous substance, hazardous waste, or petroleum products, and that release or suspected release has been reported to a government entity.

**Historical Recognized Environmental Condition** – environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently. The final decision rests with the environmental professional and will be influenced by the current impact of the historical recognized environmental condition on the property. If a past release of any hazardous substances or petroleum products has occurred in connection with the property and has been remediated, with such remediation accepted by the responsible regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent), this condition shall be considered a historical recognized environmental condition and included in the findings section of the Phase I Environmental Site Assessment report. The EP shall provide an opinion of the current impact on the property of this historical recognized environmental condition in the opinion section of the report. If this historical recognized environmental condition is determined to be a recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted, the condition shall be identified as such and listed in the conclusions section of the report.

**Institutional Controls/Engineering Controls (IC/EC) registries** – databases of institutional controls or engineering controls that may be maintained by a federal state or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state, and include terms such as Declaration of Environmental Use Restriction database (Arizona), list of “deed restrictions” (California), environmental real covenants list (Colorado), Brownfields site list (Indiana, Missouri, Pennsylvania).

**Innocent landowner defense** – that defense to CERCLA liability provided in 42 USC § 9601(35) and § 9607(b)(3). A person may qualify as one of three types of innocent landowners: (i) a person who “did not know and had no reason to know” that contamination existed on the property at the time the purchaser acquired the property; (ii) a government entity which acquired the property by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who “acquired the facility by inheritance or bequest.” To qualify for the first type of innocent landowner LLP, such person must have made all appropriate inquiry on or before the date of purchase. Furthermore, the all appropriate inquiry must not have resulted in knowledge of the contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the innocent landowner defense. See Appendix XI for the other necessary requirements that are beyond the scope of the ASTM Standard E 1527-05.

**Institutional controls (IC)** – a legal or administrative restriction (for example, “deed restrictions,” restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or ground water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. An institutional control is a type of Activity and Use Limitation (AUL).

**Interviews** – those portions of ASTM Standard E 1527 that address questions to be asked of owners and occupants of the property and questions to be asked of local government officials.

**Key site manager** – the person identified by the owner of a property as having good knowledge of the uses and physical characteristics of the property.

**Landfill** – a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term solid waste disposal site and is also known as a garbage dump, trash dump, or similar term.

**Landowner Liability Protections (LLPs)** – landowner liability protections under CERCLA; these protections include the bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense from CERCLA liability.

**Local government agencies** – those agencies of municipal or county government having jurisdiction over the property. Municipal and county government agencies include but are not limited to cities, parishes, townships, and similar entities.

**Local street directories** – directories published by private (or sometimes government) sources that show ownership, occupancy, and/or use of sites by reference to street addresses.

**LUST sites** – state lists of leaking underground storage tank sites. Section 9003 (h) of Subtitle I of RCRA gives U.S. EPA and states, under cooperative agreements with U.S. EPA, authority to clean up releases from UST systems or require owners and operators to do so.

**Major occupants** – those tenants, subtenants, or other persons or entities each of which uses at least 40 percent of the leasable area of the property or any anchor tenant when the property is a shopping center.

**Material safety data sheet (MSDS)** – written or printed material concerning a hazardous substance which is prepared by chemical manufacturers, importers, and employers for hazardous chemicals pursuant to OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

**Material Threat** – a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment.

**National Contingency Plan (NCP)** – the National Oil and Hazardous Substances Pollution Contingency Plan, found at 40 CFR § 300, that is the U.S. EPA's blueprint on how hazardous substances are to be cleaned up pursuant to CERCLA.

**National Priorities List (NPL)** – list compiled by U.S. EPA pursuant to CERCLA 42 USC § 9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to U.S. EPA's Hazard Ranking System. See 40 CFR Part 300.

**Obvious** – that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the property.

**Occupants** – those tenants, subtenants, or other persons or entities using the property or a portion of the property.

**Other historical sources** – any source or sources other than aerial photographs, fire insurance maps, property tax files, recorded land title records, USGS 7.5-Minute topographic maps, local street directories, building department records, or zoning/land use records that are credible to a reasonable person and that identify past uses or occupancies of the property. The term includes records in the files and/or personal knowledge of the property owner and/or occupants.

**Owner** – generally the fee owner of record of the property.

**Petroleum exclusion** – the exclusion from CERCLA liability provided in 42 USC §9601(14), as interpreted by the courts and U.S. EPA: "The term (hazardous substance) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).

**Petroleum products** – those substances included within the meaning of the petroleum exclusion to CERCLA, 42 USC §9601(14), as interpreted by the courts and U.S. EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 USC §9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.

**Phase I Environmental Site Assessment** – the process described in ASTM E 1527.

**Pits, ponds, or lagoons** – man-made or natural depressions in a ground surface that are likely to hold liquids or sludge containing hazardous substances or petroleum products. The likelihood of such liquids or sludge being present is determined by evidence of factors associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an obvious wastewater discharge.

**Physical setting sources** – sources that provide information about the geologic, hydrogeologic, or topographic characteristics of a property.

**Practically reviewable** – information that is practically reviewable means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the property or a geographic area in which the property is located are not generally practically reviewable. Most databases of public records are practically reviewable if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally practically reviewable. For large databases with numerous facility records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not practically reviewable unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be practically reviewable. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the property, it is not practically reviewable.

**Property** – the real property that is the subject of the environmental site assessment described in ASTM E 1527. Real property includes buildings and other fixtures and improvements located on the property and affixed to the land.

**Property tax files** – the files kept for property tax purposes by the local jurisdiction where the property is located and includes records of past ownership, appraisals, maps, sketches, photos, or other information that is reasonably ascertainable and pertaining to the property.

**Publicly available** – information that is publicly available means that the source of the information allows access to the information by anyone upon request.

**RCRA generators** – those persons or entities that generate hazardous wastes, as defined and regulated by RCRA.

**RCRA generators list** – list kept by U.S. EPA of those persons or entities that generate hazardous waste as defined and regulated by RCRA.

**RCRA TSD facilities** – those facilities on which treatment, storage, and/or disposal of hazardous wastes takes place as defined and regulated by RCRA.

**RCRA TSD facilities list** – list kept by U.S. EPA of those facilities on which treatment, storage, and/or disposal of hazardous wastes takes place as defined and regulated by RCRA.

**Reasonably ascertainable** – information that is (1) publicly available, (2) obtainable from its source within a reasonable time and cost constraints, and (3) practically reviewable.

**Recognized environmental conditions** – the presence or likely presence of any hazardous substance 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 substance or petroleum products on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substance or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public 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. Conditions determined to be de minimis are not recognized environmental conditions.

**Recorded land title records** – records of fee ownership, leases, land contracts, easements, liens, and other encumbrances on or of the property recorded in the place where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located. (Often such records are kept by a municipal or county recorder or clerk.). Such records may be obtained from title companies or directly from the local government agency. Information about the title to the property that is recorded in a U.S. district court or any place other than where land title records are, by law or concern, recorded for the local jurisdiction in which the property is located, are not considered part of recorded land title records.

**Records of emergency release notifications (SARA § 304)** – Section 304 of Emergency Planning Community Right-to-Know Act (EPCRA) or Title III of SARA requires operators of facilities to notify their local emergency planning committee (as defined in EPCRA) and state emergency response commission (as defined in EPCRA) of any release beyond the facility's boundary of any reportable quantity of any extremely hazardous substance. Often the local fire department is the local emergency planning committee. Records of such notifications are "Records of Emergency Release Notifications" (SARA § 304).

**Records review** – that part of the Phase I Environmental Site Assessment that addresses which records shall or may be reviewed.

**Report** – the written record of a transaction screen process as required by Practice E 1528 or the written report prepared by the environmental professional and constituting part of a "Phase I Environmental Site Assessment," as required by ASTM E 1527.

**Site reconnaissance** – that part of ASTM Standard E 1527 (Section 8) that addresses what should be done in connection with the site reconnaissance. The site reconnaissance includes, but is not limited to, the site reconnaissance done in connection with such a Phase I Environmental Site Assessment.

**Site reconnaissance** – the reconnaissance to the property during which observations are made constituting the site reconnaissance section of the Phase I Environmental Site Assessment in Practice E 1527 and the site reconnaissance requirement of the transaction screen process in Practice E 1528.

**Solid waste disposal site** – a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term landfill and is also known as a garbage dump, trash dump, or similar term.

**Solvent** – a chemical compound that is capable of dissolving another substance and is itself a hazardous substance, used in a number of manufacturing/industrial processes, including but not limited to the manufacture of paints and coatings for industrial and household purposes, equipment cleanup, and surface degreasing in metal fabricating industries.

**Standard environmental record sources** – those records specified in the Records Review Section of the Phase I Environmental Site Assessment of Practice E 1527 (Section 7.2.1.1).

**Standard historical sources** – those sources of information about the history of uses of property specified in the Records Review Section of the Phase I Environmental Site Assessment of Practice E 1527 (Section 7.3.4).

**Standard physical setting source** – a current USGS 7.5-minute topographic map (if any) showing the area on which the property is located.

**Standard practice** – the activities set forth in Practice E 1527.

**Standard sources** – sources of environmental, physical setting, or historical records specified in Section 8 of the Phase I Environmental Site Assessment of Practice E 1527.

**State registered USTs** – state lists of underground storage tanks required to be registered under Subtitle I, Section 9002 of RCRA.

**Sump** – a pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.

**TSD facility** – treatment, storage, or disposal facility (see RCRA TSD facilities).

**Underground injection** – the emplacement or discharge of fluids into the subsurface by means of a well, improved sinkhole, sewage drain hole, subsurface fluid distribution system or other system, or groundwater point source.

**Underground storage tank (UST)** – any tank, including underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10 percent or more beneath the surface of the ground.

**User** – the party seeking to use Practice E 1528 to perform an environmental site assessment of the property. A user may include, without limitation, a purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager.

**USGS 7.5-Minute Topographic Map** – the map (if any) available from or produced by the United States Geological Survey, entitled "USGS 7.5-Minute Topographic Map," and showing the property.

**Visually and/or physically observed** – during a site reconnaissance pursuant to Practice E 1528 or E 1527, this term means observations made by vision while walking through a property and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term "walking through" is not meant to imply that disabled persons who cannot physically walk may not conduct a site reconnaissance; they may do so by the means at their disposal for moving through the property and the structures located on it.

**Wastewater** – water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has conveyed sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. Wastewater does not include water originating on or passing through or adjacent to a site, such as stormwater flows, that has not been used in industrial or manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

**Zoning/land use records** – those records of the local government in which the property is located indicating the uses permitted by the local government in particular zones within its jurisdiction. The records may consist of maps and/or written records. They are often located in the planning department of a municipality or county.

## APPENDIX C

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### **Site Reconnaissance Checklist**

Date 4.26.11

BC Project No. 140962

**PHASE I ESA  
SITE RECONNAISSANCE CHECKLIST**  
(Complete this checklist during the reconnaissance and prior to leaving the site.)

PROJECT NAME San Bernardino Phase 1 ESA

CLIENT: Vulcan

Address: \_\_\_\_\_

DATE(S) April 26<sup>th</sup> 2011

TIME(S) 11:00

WEATHER CONDITIONS Sunny

PERFORMED BY Brett Bennetts

**PROPERTY LOCATION:**

Property Name: Vulcan Materials Company

Street Address: 14901 N. Cajon Blvd.

City/State/Zip Code: San Bernardino, CA 92407

County: San Bernardino County

Township/Range/Section: Mesquite Verdemont

Major Cross Streets: Cajon Blvd.

Nearest Freeway or Highway: Near highways 215 + 210

BROWN AND CALDWELL

Date 4.26.11

BC Project No. 140962

KEY SITE MANAGER: Tony Schuler

Title: Manager Central Services

Phone No.: 909-473-2902

OTHER SITE PERSONNEL INTERVIEWED:

None

NOTED LIMITATIONS, RESTRICTIONS OR OBSTRUCTIONS TO OBSERVATION:

None. Fence surrounding Area E+F has access gate near ~~the~~ SE boundary of Area D

PROPERTY CHARACTERISTICS: (see attached Site Map and Site Photos/Photo Log)

Shape Triangular

Area (sq ft or acres) Area D: 22.9 ac Area E: 17.6 ac  
Area F: 48.5 ac

Ground Cover Vacant Areas → vegetated with surrounding hardended earth roads

- Operational area → Hardended earth with occasional concrete slabs

Access From road: check-in with security

Zoning Classification: Industrial

BROWN AND CALDWELL

Date 4.26.11

BC Project No. 140962

Buildings/Structures (number, type, stories, size, use/purpose): Series  
of trailers for storage and office use. 1-story only

Plot Plan (attach copy or sketch): see site map

9.4.1 GENERAL SITE SETTING

Current Use(s) of the Property (dates if available) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Are there currently any of the following processes or items on the Site?

- |   |   |
|---|---|
| <input type="checkbox"/> Pulp/paper products                                  | <input checked="" type="checkbox"/> Painting or coating <u>/spray</u>                                   |
| <input type="checkbox"/> Wood preservation                                    | <input type="checkbox"/> Chemicals  |
| <input type="checkbox"/> Furniture  | <input type="checkbox"/> Plastics   |
| <input checked="" type="checkbox"/> Metal products <u>/items</u>              | <input type="checkbox"/> Pesticides and fertilizers   |
| <input type="checkbox"/> Metal plating  | <input checked="" type="checkbox"/> Petroleum products <u>/item</u>                                     |
| <input type="checkbox"/> Jewelry  | <input type="checkbox"/> Soaps/detergents   |
| <input type="checkbox"/> Explosives   | <input type="checkbox"/> Cattle or dairy yard   |
| <input type="checkbox"/> Glues and adhesives                                  | <input type="checkbox"/> Agricultural activities  |
| <input type="checkbox"/> Rubber products                                      | <input type="checkbox"/> Rifle range  |
| <input type="checkbox"/> Glass products                                       | <input type="checkbox"/> Landfill   |
| <input type="checkbox"/> Textiles   | <input type="checkbox"/> Waste treatment  |
| <input type="checkbox"/> Dry cleaning   | <input type="checkbox"/> Laboratory facilities  |
| <input type="checkbox"/> Gasoline station                                     | <input type="checkbox"/> Degreasing   |
| <input type="checkbox"/> Plant nursery  | <input type="checkbox"/> Wash racks or wash areas   |
| <input type="checkbox"/> Orchard  | <input type="checkbox"/> Mercury thermostats,<br>thermometers, manometers,<br>electrical switches, etc. |
| <input type="checkbox"/> Auto repair/painting                                 | <input checked="" type="checkbox"/> Vehicle or equipment<br>maintenance <u>/minor</u>                   |
| <input checked="" type="checkbox"/> Motor vehicles/parts <u>/staging area</u> | <input type="checkbox"/> Batteries  |
| <input type="checkbox"/> Landfill   | <input type="checkbox"/> Other (specify): _____   |
| <input checked="" type="checkbox"/> Electrical devices                        |   |
| <input type="checkbox"/> Semiconductors                                       |   |
| <input type="checkbox"/> Gases  |   |

BROWN AND CALDWELL

Date 4.26.11

BC Project No. 140962

Provide explanation for any of the above, photograph, and locate on plot plan or site sketch; describe any environmental concerns:

Area is mainly an staging zone for equipment / parts / and material.  
Material is the smallest, equipment / parts the larger.  
Minor Maintenance is performed at single area.  
Electrical training done on site

Describe your impression of general housekeeping conditions: trash is kept properly;  
dust control used when needed; low vehicle traffic;  
surfaces swept and kept free of loose debris or spills

Current use(s) likely to involve the use, treatment, storage, disposal, or generation of hazardous substances or petroleum products? Yes  No

9.4.1.2 Past Use(s) of the Property (including any on the above list):

Cement Pre-cast company 2000-2004  
prior use was vacant

Past use(s) of property likely to involve the use, treatment, storage, disposal, or generation of hazardous substances or petroleum products? Yes  No

If yes, please explain (site observations/records review/interview). Maintenance involves oil and lubricant change.

BROWN AND CALDWELL

Date 4.26.11

BC Project No. 140962

9.4.1.3 Current Uses of Adjoining Property:

North C & G auto dismantler

South vacant

East stream habitat

West Railroad & access road

Are the adjoining property uses likely to indicate ~~recognized~~ environmental conditions in connection with the adjoining properties or the property? Yes  possible No

If yes please explain (site observations/records review/interview).

Area to the north and west show signs of misuse and vehicle storage. Will investigate  
final → No recognized environmental conditions for this site

9.4.1.4 Past Uses of Adjoining Property:

North C & G auto dismantler has been the long term tenant.

Date 4.26.11

BC Project No. 140962

South Vacant

East Vacant

West RR has been the long tenant

Are the adjoining property past uses likely to indicate *recognized environmental conditions* in connection with the *adjoining properties* or the *property*? Yes  No

If yes please explain (site observations/records review/interview). \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

9.4.1.5 Current or Past Uses in the Surrounding Area:

Rural, Urban, Residential, Agricultural, Industrial, Commercial, Etc.

Industrial / Commercial

Are the current or past uses likely to indicate *recognized environmental conditions* in connection with the *adjoining properties* or the *property*? Yes  No

If yes please explain (site observations/records review/interview). \_\_\_\_\_

CTG auto dismantler engages in possible process  
-> Final observation, no rec

Date 4.26.11BC Project No. 140962

## 9.4.1.6 Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions:

Geologic (Unconsolidated, Bedrock, Structure, Thickness, Etc.) \_\_\_\_\_

Sand + Gravel → alluvial river bedHydrogeologic (Aquifer) groundwater likely within 100'due to adjacent wash  
presence of

Hydrologic (Direction of groundwater flow, nearby surface water bodies, surface water flow, storm water flow)

- surface flow N → South toward retention pond
- no surface water body

- Flow would enter retention pond and travel eastward

Topographic (Slope Direction, Average Elevation, Elevation Range, Geomorphic Province, Surface Water Drainages) Avg. Elev: 1820

9.4.1.7 General Description of Structures: 1600 Trailers on concrete pads. Some are simple storage lockers (staging area); others are set up for office use (main command).

16 container units

Date 4.26.11

BC Project No. 140962

9.4.1.8 Roads:

North Cajon Boulevard  
\_\_\_\_\_  
\_\_\_\_\_

9.4.1.9 Potable Water Supply: bottle water only

Municipal  Cistern  Well  Well Depth \_\_\_\_\_ Formation \_\_\_\_\_

9.4.1.10 Sewage Disposal System:

Municipal  Septic  Location of Drain Field single; pumped out  
on a regular basis

9.4.2 Interior and Exterior Observations

9.4.2.1 Current Use(s) of the Property (Structures, Buildings, etc.):

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

Current use(s) likely to involve the use, treatment, storage, disposal, or generation of hazardous substances or petroleum products. Yes  No

9.4.2.2 Past Use(s) of the Property:

- Command trailer
- Staging area for equipment
- Soil samples kept in container to north

Is the past use(s) of property likely to involve the use, treatment, storage, disposal, or generation of hazardous substances or petroleum products? Yes  No



BROWN AND CALDWELL

Date 4.26.11

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If yes please explain (site observations/records review/interview). \_\_\_\_\_

Equipment and parts maintenance.  
\_\_\_\_\_  
\_\_\_\_\_

9.4.2.3 Hazardous Substances and Petroleum Products in Connection with Identified Uses:

Hazardous Substances and Petroleum Products Identified and Location None

lubricants & oils -> Main shed  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Approximate Quantities, Types of Containers, and Storage Conditions (obtain copies of MSDSs for each material)

<u>200 gal oil</u>	/	<u>stored under overhead</u>
<u>&lt; 55 gal used oil</u>		<u>structure and on top of</u>
<u>&lt; 55 gal lubricant</u>		<u>secondary containment</u>
<u>&lt; 55 gal grease</u>		

9.4.2.4 Storage Tanks:

None

Above Ground Storage Tanks (AST) (Number, Content, Capacity, Age, Location)

100 gal fuel tank on mobile fuel truck  
7-gal propane tank on ~~mobile truck~~ forklift  
\_\_\_\_\_  
\_\_\_\_\_

Date 4.26.11

BC Project No. 140962

Underground Storage Tanks (UST) (Number, Content, Capacity, Age, Location)

none  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

9.4.2.5 Odors:

No  Yes

Description \_\_\_\_\_

Source/Location \_\_\_\_\_

9.4.2.6 Pools of Liquid:

No  Yes

Description \_\_\_\_\_

Location \_\_\_\_\_

Likely contains *hazardous substances or petroleum products*? Yes  No

9.4.2.7 Drums (Drums 55 gal):

No  Yes

Description (Number, Type, Content, Capacity)

Grease; used oil; lubricant; oil; aerosol cans  
\_\_\_\_\_  
\_\_\_\_\_

Location/Condition maintenance area under overhead  
roof and on secondary pallets. Drums have not  
been ignored  
\_\_\_\_\_  
\_\_\_\_\_

Likely contains *hazardous substances or petroleum products*? Yes  No

9.4.2.8 Hazardous Substance and Petroleum Products Containers (Not

Necessarily in Connection With Identified Use(s) (<55 gal):

No  Yes

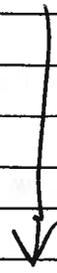
Date 4.26.11

BC Project No. 140962

Description (Number, Type, Content, Capacity)

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

*N/A*



Location/Condition Maintenance location.

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

Likely contains *hazardous substances* or *petroleum products*? Yes  No

9.4.2.9 Unidentified Substance Containers:

None Observed

Description of Quantities, Types, Location, and Storage Conditions

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

9.4.2.10 PCBs:

Electrical Equipment transformers stored onsite; testing shown to be negative (interview and on-site record search)

Hydraulic Equipment Forklift onsite does not utilize such process -> no industrial process

9.4.3 Interior Observations

9.4.3.1 Heating/Cooling:

Equipment Type AC generator on building / electrical

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

Date 4.26.11

BC Project No. 140962

Fuel Types/Sources

electrical only

9.4.3.2 Stains or Corrosion:

None Observed

Description - Floors, Walls, and Ceilings \_\_\_\_\_

9.4.3.3 Drains and Sumps:

None

Description \_\_\_\_\_

9.4.4 Exterior Observations

9.4.4.1 Pits, Ponds, or Lagoons:

None

Description Retention pond -> dry ; large capacity

Adjoining Properties - Description \_\_\_\_\_

9.4.4.2 Stained Soil or Pavement:

None Observed

Description minor stains

9.4.4.3 Stressed Vegetation:

None Observed

BROWN AND CALDWELL

Date 4.26.11

BC Project No. 140962

Description - Type, Color, Location \_\_\_\_\_

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

9.4.4.4 Solid Waste:

None

Description - Fill/Graded, Mounds, Depressions, Location

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

9.4.4.5 Waste Water:

Description - Storm Water, Waste Water, Discharges to Drain/Ditches, Streams, Under Ground Injection Systems storm water surface flow only

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

9.4.4.6 Wells:

None

Description - Depth, Location, Use

well supplies non-potable water for irrigation use.

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

9.4.4.7 Septic Systems:

None

Description - Location

Front of site for main trailer  
single man hole

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

BROWN AND CALDWELL

Date 4-26-11

BC Project No. 140967

NOTES AND/OR ADDITIONAL COMMENTS

Could not access/observe areas directly  
under equipment, especially larger equipment  
not on pallets. there were no trail  
of stains though, and area does have stormwater  
surface flow.

These site reconnaissance checklist items have been addressed to the extent that information could be obtained from visual and/or physical observation to the extent not obstructed by bodies of water, adjacent buildings, or other obstacles. Other aspects/items may have been observed by Brown and Caldwell that are not noted above.

ENVIRONMENTAL PROFESSIONAL/ASSISTANT

NAME: Brett Bennetts  
TITLE: Engineer III  
SIGNATURE: [Signature]  
DATE: 4-26-11

## APPENDIX D

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### **San Bernardino County Information Management System Package**

# Property Information Management System

San Bernardino County  
Office of the Assessor



PIMS PACKAGE REPORT FOR PARCEL 0262-042-03-0000



<b>Property Information</b>	<b>Parcel was Split</b>
-----------------------------	-------------------------

**Property Address (Main Situs)** Protected per CA. Govt. Code Sect. 6254.21  
Protected per CA. Govt. Code Sect. 6254.21

**Owner and Mailing Address** CALMAT CO  
C/O VULCAN MATERIALS COMPANY, WESTERN DIV  
Protected per CA. Govt. Code Sect. 6254.21  
Protected per CA. Govt. Code Sect. 6254.21

**Effective Date** 04/22/2011

**Parcel** 0262042030000  
**Parcel Status** INACTIVE  
**Parcel Type** REAL PROPERTY  
**Property ID**  
**Tax Status** ASSESSED BY COUNTY  
**Use Code** RK SND GRV  
**Land Access** CHECK  
**Size** 7.001 TO 14.000 ACRES  
**Land Type** INDUSTRIAL  
**District** SAN BERNARDINO  
**Resp Group** SPECIAL PROPERTY  
**Resp Unit** MINING USE REGARDLESS OF ZONE

**Current Owners**

Name	Document Numbers
<b>CALMAT CO</b> R/I CORPORATION % Int 100.0000000 Type BILLED OWNER Acquisition Date 01/02/2002 Document Date 01/02/2002 Inactive Date 12/27/2009	2002010200057

**Legal Parcel Map**

Parcel Map	Parcel Nbr	Unit	Book	Page
	0262042030000			

**Legal Description**

PTN MUS RANCHO COM AT INTERSECTION SWLY LI CAJON HGWY U S NO 66 WITH SLY LI OF MEYER AND BARCLAY SUB TH S 44 DEG 03 MIN 25 SECONDS E ALG SD HGWY 490.93 FT TO TRUE POB TH CONT ALG SD HGWY S 52 DEG 15 MIN 40 SECONDS E 349.80 FT TH S 50 DEG 58 MIN 30 SECONDS E 400.20 FT TH AT R/A TO SD HGWY S 39 DEG 01 MIN 30 SECONDS W 435.6 FT TH N 51 DEG 34 MIN 30 SECONDS W 740.15 FT TH N 37 DEG 44 MIN 30 SECONDS E 435.6 TO POB 7.40 AC



**No Legal Reason for Change Found**

**No Active Homeowner's Exemptions Found**



**Prior Roll History**

Year: 2010

<b>TRA 7224</b>	<b>Land Value</b>	77,291
<b>Supplement NO</b>	<b>Improvement Value</b>	0
<b>Correction Date</b>	<b>Improvement Penalty</b>	0
<b>Correction Code</b>	<b>Pers Prop Value</b>	0
<b>Original Parcel 0262042030000</b>	<b>Pers Prop Penalty</b>	0
<b>Billed Owner ARIZONA SAND AND ROCK CO</b>	<b>Total Penalties</b>	0
<b>Joint Owner</b>	<b>Total Value</b>	77,291
	<b>HOX Exemptions</b>	0
	<b>Special Exemptions</b>	0
	<b>Net Value</b>	77,291

Year: 2009

<b>TRA 7224</b>	<b>Land Value</b>	77,475
<b>Supplement NO</b>	<b>Improvement Value</b>	0
<b>Correction Date</b>	<b>Improvement Penalty</b>	0
<b>Correction Code</b>	<b>Pers Prop Value</b>	0
<b>Original Parcel 0262042030000</b>	<b>Pers Prop Penalty</b>	0
<b>Billed Owner ARIZONA SAND AND ROCK CO</b>	<b>Total Penalties</b>	0
<b>Joint Owner</b>	<b>Total Value</b>	77,475
	<b>HOX Exemptions</b>	0
	<b>Special Exemptions</b>	0
	<b>Net Value</b>	77,475



Year: 2008

TRA 7224	Land Value	75,956
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042030000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	75,956
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>75,956</b>

Year: 2007

TRA 7224	Land Value	74,467
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042030000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	74,467
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>74,467</b>

Year: 2006

TRA 7224	Land Value	73,007
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042030000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	73,007
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>73,007</b>



Year: 2005

TRA 7224	Land Value	71,575
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042030000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	71,575
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>71,575</b>

Year: 2004

TRA 7224	Land Value	70,172
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042030000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	70,172
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>70,172</b>

Year: 2003

TRA 7224	Land Value	68,886
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042030000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	68,886
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>68,886</b>



Year: 2002

TRA 7224	Land Value	67,535
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042030000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	67,535
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>67,535</b>

Year: 2001

TRA 7224	Land Value	66,211
Supplement NO	Improvement Value	0
Correction Date 01/15/2002	Improvement Penalty	0
Correction Code 540I	Pers Prop Value	0
Original Parcel 0262042030000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	66,211
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>66,211</b>

Year: 2000

TRA 7224	Land Value	64,913
Supplement NO	Improvement Value	0
Correction Date 01/15/2002	Improvement Penalty	0
Correction Code 540I	Pers Prop Value	0
Original Parcel 0262042030000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	64,913
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>64,913</b>



Year: 1999

TRA 7224	Land Value	50,376
Supplement YES	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042030000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	50,376
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>50,376</b>

Year: 1998

TRA 7224	Land Value	49,461
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042030000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	49,461
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>49,461</b>

Year: 1997

TRA 7224	Land Value	48,491
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042030000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	48,491
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>48,491</b>



Year: 1996

TRA 7224	Land Value	47,540
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042030000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	47,540
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>47,540</b>

Year: 1995

TRA 7224	Land Value	47,018
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042030000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	47,018
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>47,018</b>

Year: 1994

TRA 107014	Land Value	46,465
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042030000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	46,465
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>46,465</b>



Year: 1993

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TRA 107014	Land Value	45,554
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042030000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	45,554
	HOX Exemptions	0
	Special Exemptions	0
	Net Value	45,554



**Parcel History**

<p><b>Event Date</b> 12/28/2009</p> <p><b>Event Group/Type</b> INACTIVATE - SPLIT</p> <p><b>Multi Parcel</b> Yes</p>	<p style="text-align: center;"><b>Multi Parcel List</b></p> <p>0262042310000 NEW-SPL</p> <p>0262042320000 NEW-SPL</p> <p>0262042330000 NEW-SPL</p> <p>0262042030000 OLD-SPL</p> <p>0262042070000 OLD-SPL</p> <p>0262042140000 OLD-SPL</p> <p>0262042160000 OLD-SPL</p>
--	--

<p><b>Event Date</b> 01/02/2002</p> <p><b>Event Group/Type</b> TRANSFER - 100% PER OTHER SOURCE</p> <p><b>Multi Parcel</b> Yes</p>	<p style="text-align: center;"><b>Multi Parcel List</b></p> <p>0232161110000 TOT-OTH</p> <p>0232171050000 TOT-OTH</p> <p>0232171060000 TOT-OTH</p> <p>0232171070000 TOT-OTH</p> <p>0232171080000 TOT-OTH</p> <p>0232171090000 TOT-OTH</p> <p>0232171120000 TOT-OTH</p> <p>0232171130000 TOT-OTH</p> <p>0232171140000 TOT-OTH</p> <p>0258061100000 TOT-OTH</p> <p>0258061220000 TOT-OTH</p> <p>0258071080000 TOT-OTH</p> <p>0258071090000 TOT-OTH</p> <p>0262011390000 TOT-OTH</p> <p>0262011400000 TOT-OTH</p> <p>0262011410000 TOT-OTH</p> <p>0262011420000 TOT-OTH</p> <p>0262011430000 TOT-OTH</p> <p>0262011440000 TOT-OTH</p> <p>0262011450000 TOT-OTH</p> <p>0262042030000 TOT-OTH</p> <p>0262042070000 TOT-OTH</p> <p>0262042140000 TOT-OTH</p> <p>0262042160000 TOT-OTH</p>
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0262042170000 TOT-OTH  
 0262051270000 TOT-OTH  
 0262051290000 TOT-OTH  
 0262051300000 TOT-OTH  
 0262071040000 TOT-OTH  
 0262171070000 TOT-OTH  
 0262171280000 TOT-OTH  
 0262171300000 TOT-OTH  
 0268321170000 TOT-OTH  
 0268321180000 TOT-OTH  
 0348151230000 TOT-OTH  
 1004141030000 TOT-OTH  
 1007722030000 TOT-OTH

Event Date	01/06/1999	Multi Parcel List
Event Group/Type	TRANSFER - 100% PER SBE LEOP	0143321070000 TOT-LGL
Multi Parcel	Yes	0163161490000 TOT-LGL
		0163161510000 TOT-LGL
		0163161520000 TOT-LGL
		0163182010000 TOT-LGL
		0232161110000 TOT-LGL
		0232171050000 TOT-LGL
		0232171060000 TOT-LGL
		0232171070000 TOT-LGL
		0232171080000 TOT-LGL
		0232171090000 TOT-LGL
		0232171120000 TOT-LGL
		0232171130000 TOT-LGL
		0232171140000 TOT-LGL
		0258061100000 TOT-LGL
		0258061220000 TOT-LGL
		0258071080000 TOT-LGL
		0258071090000 TOT-LGL
		0258081150000 TOT-LGL
		0262011380000 TOT-LGL
		0262011390000 TOT-LGL



0262011400000 TOT-LGL  
0262011410000 TOT-LGL  
0262011420000 TOT-LGL  
0262011430000 TOT-LGL  
0262011440000 TOT-LGL  
0262011450000 TOT-LGL  
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0468091160000 TOT-LGL  
0468091200000 TOT-LGL  
0468102010000 TOT-LGL  
0468102020000 TOT-LGL  
0468131010000 TOT-LGL  
0468141040000 TOT-LGL



1004141030000 TOT-LGL  
 1005051370000 TOT-LGL  
 1007371010000 TOT-LGL  
 1007391140000 TOT-LGL  
 1007391150000 TOT-LGL  
 1007391160000 TOT-LGL  
 1007721010000 TOT-LGL  
 1007722030000 TOT-LGL

<b>Event Date</b>	03/01/1995	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRA EVENT - ADDED FROM PREVIOUS PARCEL	
<b>Multi Parcel</b>	No	

<b>Event Date</b>	04/30/1984	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	

<b>Event Date</b>	04/30/1984	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	

<b>Event Date</b>	02/17/1983	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	

<b>Event Date</b>	06/22/1981	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	



<b>Event Date</b>	06/22/1981	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	
<hr/>		
<b>Event Date</b>	02/28/1979	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	
<hr/>		
<b>Event Date</b>	02/28/1975	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	
<hr/>		
<b>Event Date</b>	02/28/1973	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	CREATE - WORKED IN OLD SYSTEM (NONREPAR)	
<b>Multi Parcel</b>	No	
<hr/>		



**Ownership History**

**Owner Name: CALMAT CO**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int 100.0000000</b>	<u>2002010200057</u>
<b>Type BILLED OWNER</b>	
<b>Acquisition Date 01/02/2002</b>	
<b>Document Date 01/02/2002</b>	
<b>Inactive Date 12/27/2009</b>	

**Owner Name: ARIZONA SAND AND ROCK CO**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int 100.0000000</b>	<u>1999010600008</u>
<b>Type BILLED OWNER</b>	
<b>Acquisition Date 04/30/1984</b>	
<b>Document Date 04/30/1984</b>	
<b>Inactive Date 01/01/2002</b>	

**Owner Name: ARIZONA SAND AND ROCK CO**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int 100.0000000</b>	<u>8410067600000</u>
<b>Type BILLED OWNER</b>	
<b>Acquisition Date NONE</b>	
<b>Document Date 04/30/1984</b>	
<b>Inactive Date 01/05/1999</b>	

**Owner Name: CALIFORNIA PORTLAND CEMENT CO**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int 100.0000000</b>	<u>8410067500000</u>
<b>Type BILLED OWNER</b>	
<b>Acquisition Date NONE</b>	
<b>Document Date 04/30/1984</b>	
<b>Inactive Date 04/29/1984</b>	



**Owner Name: TRADELANDS, INC**

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<b>R/I</b> CORPORATION	<b>Document Numbers</b>
<b>% Int</b> 100.0000000	8303440600000
<b>Type</b> BILLED OWNER	
<b>Acquisition Date</b> NONE	
<b>Document Date</b> 02/17/1983	
<b>Inactive Date</b> 04/29/1984	

**Owner Name: QUEEN CITY INVESTMENTS, INC**

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<b>R/I</b> SOLE OWNER	<b>Document Numbers</b>
<b>% Int</b> 100.0000000	8113542600000
<b>Type</b> OTHER OWNER	
<b>Acquisition Date</b> NONE	
<b>Document Date</b> 06/22/1981	
<b>Inactive Date</b> 02/16/1983	

**Owner Name: SECURITY PACIFIC NATIONAL BANK TR**

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<b>R/I</b> TRUST UNKNOWN	<b>Document Numbers</b>
<b>% Int</b> 100.0000000	8113542700000
<b>Type</b> BILLED OWNER	
<b>Acquisition Date</b> NONE	
<b>Document Date</b> 06/22/1981	
<b>Inactive Date</b> 02/16/1983	

**Owner Name: HOWARTH, PAULINE M**

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<b>R/I</b> SOLE OWNER	<b>Document Numbers</b>
<b>% Int</b> 0.0000000	
<b>Type</b> BILLED OWNER	
<b>Acquisition Date</b> NONE	
<b>Document Date</b> NONE	
<b>Inactive Date</b> 06/21/1981	



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**Owner Name: FARMERS AND MERCHANTS TRUST CO OF L**

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	<u>Document Numbers</u>
<b>R/I</b> SOLE OWNER	
<b>% Int</b> 0.0000000	
<b>Type</b> BILLED OWNER	
<b>Acquisition Date</b> NONE	
<b>Document Date</b> NONE	
<b>Inactive Date</b> 02/27/1979	

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**Owner Name: HOWARTH, PAULINE M**

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	<u>Document Numbers</u>
<b>R/I</b> SOLE OWNER	
<b>% Int</b> 0.0000000	
<b>Type</b> BILLED OWNER	
<b>Acquisition Date</b> NONE	
<b>Document Date</b> NONE	
<b>Inactive Date</b> 02/27/1975	



**New Supplements**

**Supplement Date: 01/06/1999**

<b>Roll Type</b> REGULAR SUPPLEMENT	<b>Supp Type</b> OWNERSHIP TRANSFER	
<b>Supp Year</b> 1999	<b>New Land</b>	1 111 1 €
<b>Revised IND</b>	<b>New Imprv</b>	0
<b>Corrected Date</b>	<b>Old Land</b>	1 111 1
<b>Correction Code</b>	<b>Old Imprv</b>	0
<b>Legal Status</b> SECURED	<b>New HOX</b>	0
<b>TRA</b> 7224	<b>Old HOX</b>	0
<b>NOPIC Date</b> 01/18/2002	<b>Supp HOX</b>	0
<b>Extract Date</b> 05/11/2002	<b>Special Exem</b>	0
<b>Months Prorated</b> 12	<b>Impr Penalty</b>	0
<b>Corr Status</b>	<b>Prior Supps</b>	0
<b>Original Parcel</b> 0262042030000	<b>Net Value</b>	% 28* (
<b>Billed Owner</b> ARIZONA SAND AND ROCK CO		
<b>Joint Owner</b>		

**Supplement Date: 01/06/1999**

<b>Roll Type</b> INTERIM SUPPLEMENT	<b>Supp Type</b> OWNERSHIP TRANSFER	
<b>Supp Year</b> 1999	<b>New Land</b>	1 111 1 €
<b>Revised IND</b>	<b>New Imprv</b>	0
<b>Corrected Date</b>	<b>Old Land</b>	1 111 1 F
<b>Correction Code</b>	<b>Old Imprv</b>	0
<b>Legal Status</b> SECURED	<b>New HOX</b>	0
<b>TRA</b> 7224	<b>Old HOX</b>	0
<b>NOPIC Date</b> 01/18/2002	<b>Supp HOX</b>	0
<b>Extract Date</b> 05/11/2002	<b>Special Exem</b>	0
<b>Months Prorated</b> 5	<b>Impr Penalty</b>	0
<b>Corr Status</b>	<b>Prior Supps</b>	0
<b>Original Parcel</b> 0262042030000	<b>Net Value</b>	% 28* (
<b>Billed Owner</b> ARIZONA SAND AND ROCK CO		
<b>Joint Owner</b>		

# Property Information Management System

San Bernardino County  
Office of the Assessor



PIMS PACKAGE REPORT FOR PARCEL 0262-042-14-0000



<b>Property Information</b>	<b>Parcel was Split</b>
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**Property Address (Main Situs)** Protected per CA. Govt. Code Sect. 6254.21  
 Protected per CA. Govt. Code Sect. 6254.21

**Owner and Mailing Address** CALMAT CO  
 C/O VULCAN MATERIALS COMPANY, WESTERN DIV  
 Protected per CA. Govt. Code Sect. 6254.21  
 Protected per CA. Govt. Code Sect. 6254.21

**Effective Date** 04/22/2011

**Parcel** 0262042140000  
**Parcel Status** INACTIVE  
**Parcel Type** REAL PROPERTY  
**Property ID**  
**Tax Status** ASSESSED BY COUNTY  
**Use Code** RK SND GRV  
**Land Access** CHECK  
**Size** 1.501 TO 3.500 ACRES  
**Land Type** INDUSTRIAL  
**District** SAN BERNARDINO  
**Resp Group** SPECIAL PROPERTY  
**Resp Unit** MINING USE REGARDLESS OF ZONE

**Current Owners**

Name	Document Numbers
<b>CALMAT CO</b> R/I CORPORATION % Int 100.0000000 Type BILLED OWNER Acquisition Date 01/02/2002 Document Date 01/02/2002 Inactive Date 12/27/2009	2002010200057

**Legal Parcel Map**

Parcel Map	Parcel Nbr	Unit	Book	Page
	0262042140000			

**Legal Description**

PTN MUSCUPIABE RANCHO COM AT INTERSECTION SWLY LI CAJON HGWY NO 66 WITH SLY LI MEYER AND BARCLAY SUB TH S 44 DEG 03 MIN 25 SECONDS E 490.93 FT TH S 37 DEG 03 MIN 25 SECONDS W TO ITS INTERSECTION WITH ELY BNDRY LAND CONVEYED TO SOUTHERN PACIFIC CO BY DEED RECORDED IN BOOK 6483 PG 645 OFFICIAL RECORDS TH NELY ALG SD ELY LI TO SLY LI MEYER AND BARCLAY SUB TH ELY ALG SD SLY LI TO POB EX FLOOD CONTROL



**No Legal Reason for Change Found**

**No Active Homeowner's Exemptions Found**



**Prior Roll History**

**Year: 2010**

<b>TRA 7224</b>	<b>Land Value</b>	24,047
<b>Supplement NO</b>	<b>Improvement Value</b>	1,072,465
<b>Correction Date</b>	<b>Improvement Penalty</b>	0
<b>Correction Code</b>	<b>Pers Prop Value</b>	0
<b>Original Parcel 0262042140000</b>	<b>Pers Prop Penalty</b>	0
<b>Billed Owner ARIZONA SAND AND ROCK CO</b>	<b>Total Penalties</b>	0
<b>Joint Owner</b>	<b>Total Value</b>	1,096,512
	<b>HOX Exemptions</b>	0
	<b>Special Exemptions</b>	0
	<b>Net Value</b>	1,096,512

**Year: 2009**

<b>TRA 7224</b>	<b>Land Value</b>	24,104
<b>Supplement NO</b>	<b>Improvement Value</b>	1,075,013
<b>Correction Date</b>	<b>Improvement Penalty</b>	0
<b>Correction Code</b>	<b>Pers Prop Value</b>	0
<b>Original Parcel 0262042140000</b>	<b>Pers Prop Penalty</b>	0
<b>Billed Owner ARIZONA SAND AND ROCK CO</b>	<b>Total Penalties</b>	0
<b>Joint Owner</b>	<b>Total Value</b>	1,099,117
	<b>HOX Exemptions</b>	0
	<b>Special Exemptions</b>	0
	<b>Net Value</b>	1,099,117



Year: 2008

TRA 7224	Land Value	23,631
Supplement NO	Improvement Value	1,053,934
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042140000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	1,077,565
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>1,077,565</b>

Year: 2007

TRA 7224	Land Value	23,168
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042140000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	23,168
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>23,168</b>

Year: 2006

TRA 7224	Land Value	22,714
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042140000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	22,714
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>22,714</b>



Year: 2005

TRA 7224	Land Value	22,269
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042140000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	22,269
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>22,269</b>

Year: 2004

TRA 7224	Land Value	21,832
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042140000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	21,832
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>21,832</b>

Year: 2003

TRA 7224	Land Value	21,432
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042140000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	21,432
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>21,432</b>



Year: 2002

TRA 7224	Land Value	21,012
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042140000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	21,012
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>21,012</b>

Year: 2001

TRA 7224	Land Value	20,600
Supplement NO	Improvement Value	0
Correction Date 01/15/2002	Improvement Penalty	0
Correction Code 540I	Pers Prop Value	0
Original Parcel 0262042140000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	20,600
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>20,600</b>

Year: 2000

TRA 7224	Land Value	20,196
Supplement NO	Improvement Value	0
Correction Date 01/15/2002	Improvement Penalty	0
Correction Code 540I	Pers Prop Value	0
Original Parcel 0262042140000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	20,196
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>20,196</b>



Year: 1999

TRA 7224	Land Value	14,977
Supplement YES	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042140000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	14,977
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>14,977</b>

Year: 1998

TRA 7224	Land Value	14,705
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042140000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	14,705
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>14,705</b>

Year: 1997

TRA 7224	Land Value	14,417
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042140000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	14,417
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>14,417</b>



Year: 1996

TRA 7224	Land Value	14,134
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042140000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	14,134
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>14,134</b>

Year: 1995

TRA 7224	Land Value	13,978
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042140000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	13,978
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>13,978</b>

Year: 1994

TRA 107014	Land Value	13,814
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042140000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	13,814
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>13,814</b>



Year: 1993

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TRA 107014	Land Value	13,543
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042140000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	13,543
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>13,543</b>



**Parcel History**

<p><b>Event Date</b> 12/28/2009</p> <p><b>Event Group/Type</b> INACTIVATE - SPLIT</p> <p><b>Multi Parcel</b> Yes</p>	<p style="text-align: center;"><b>Multi Parcel List</b></p> <p>0262042310000 NEW-SPL</p> <p>0262042320000 NEW-SPL</p> <p>0262042330000 NEW-SPL</p> <p>0262042030000 OLD-SPL</p> <p>0262042070000 OLD-SPL</p> <p>0262042140000 OLD-SPL</p> <p>0262042160000 OLD-SPL</p>
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<p><b>Event Date</b> 12/30/2007</p> <p><b>Event Group/Type</b> NEW CONST - IN PROGRESS ON LIEN DATE</p> <p><b>Multi Parcel</b> No</p>	<p style="text-align: center;"><b>Multi Parcel List</b></p>
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<p><b>Event Date</b> 01/02/2002</p> <p><b>Event Group/Type</b> TRANSFER - 100% PER OTHER SOURCE</p> <p><b>Multi Parcel</b> Yes</p>	<p style="text-align: center;"><b>Multi Parcel List</b></p> <p>0232161110000 TOT-OTH</p> <p>0232171050000 TOT-OTH</p> <p>0232171060000 TOT-OTH</p> <p>0232171070000 TOT-OTH</p> <p>0232171080000 TOT-OTH</p> <p>0232171090000 TOT-OTH</p> <p>0232171120000 TOT-OTH</p> <p>0232171130000 TOT-OTH</p> <p>0232171140000 TOT-OTH</p> <p>0258061100000 TOT-OTH</p> <p>0258061220000 TOT-OTH</p> <p>0258071080000 TOT-OTH</p> <p>0258071090000 TOT-OTH</p> <p>0262011390000 TOT-OTH</p> <p>0262011400000 TOT-OTH</p> <p>0262011410000 TOT-OTH</p> <p>0262011420000 TOT-OTH</p> <p>0262011430000 TOT-OTH</p> <p>0262011440000 TOT-OTH</p> <p>0262011450000 TOT-OTH</p>
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0262042030000 TOT-OTH  
 0262042070000 TOT-OTH  
 0262042140000 TOT-OTH  
 0262042160000 TOT-OTH  
 0262042170000 TOT-OTH  
 0262051270000 TOT-OTH  
 0262051290000 TOT-OTH  
 0262051300000 TOT-OTH  
 0262071040000 TOT-OTH  
 0262171070000 TOT-OTH  
 0262171280000 TOT-OTH  
 0262171300000 TOT-OTH  
 0268321170000 TOT-OTH  
 0268321180000 TOT-OTH  
 0348151230000 TOT-OTH  
 1004141030000 TOT-OTH  
 1007722030000 TOT-OTH

Event Date	01/06/1999	Multi Parcel List
Event Group/Type	TRANSFER - 100% PER SBE LEOP	0143321070000 TOT-LGL
Multi Parcel	Yes	0163161490000 TOT-LGL
		0163161510000 TOT-LGL
		0163161520000 TOT-LGL
		0163182010000 TOT-LGL
		0232161110000 TOT-LGL
		0232171050000 TOT-LGL
		0232171060000 TOT-LGL
		0232171070000 TOT-LGL
		0232171080000 TOT-LGL
		0232171090000 TOT-LGL
		0232171120000 TOT-LGL
		0232171130000 TOT-LGL
		0232171140000 TOT-LGL
		0258061100000 TOT-LGL
		0258061220000 TOT-LGL
		0258071080000 TOT-LGL



0258071090000 TOT-LGL  
0258081150000 TOT-LGL  
0262011380000 TOT-LGL  
0262011390000 TOT-LGL  
0262011400000 TOT-LGL  
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0262061420000 TOT-LGL  
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0348151230000 TOT-LGL  
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0468091160000 TOT-LGL  
0468091200000 TOT-LGL



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 0468102020000 TOT-LGL  
 0468131010000 TOT-LGL  
 0468141040000 TOT-LGL  
 1004141030000 TOT-LGL  
 1005051370000 TOT-LGL  
 1007371010000 TOT-LGL  
 1007391140000 TOT-LGL  
 1007391150000 TOT-LGL  
 1007391160000 TOT-LGL  
 1007721010000 TOT-LGL  
 1007722030000 TOT-LGL

<b>Event Date</b>	03/01/1995	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRA EVENT - ADDED FROM PREVIOUS PARCEL	
<b>Multi Parcel</b>	No	

<b>Event Date</b>	04/30/1984	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	

<b>Event Date</b>	04/30/1984	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	

<b>Event Date</b>	08/31/1981	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	



<b>Event Date</b>	06/22/1981	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	
<hr/>		
<b>Event Date</b>	06/22/1981	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	
<hr/>		
<b>Event Date</b>	02/28/1973	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	CREATE - WORKED IN OLD SYSTEM (NONREPAR)	
<b>Multi Parcel</b>	No	
<hr/>		



**Ownership History**

**Owner Name: CALMAT CO**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int</b> 100.0000000	2002010200057
<b>Type</b> BILLED OWNER	
<b>Acquisition Date</b> 01/02/2002	
<b>Document Date</b> 01/02/2002	
<b>Inactive Date</b> 12/27/2009	

**Owner Name: ARIZONA SAND AND ROCK CO**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int</b> 100.0000000	1999010600008
<b>Type</b> BILLED OWNER	
<b>Acquisition Date</b> 04/30/1984	
<b>Document Date</b> 04/30/1984	
<b>Inactive Date</b> 01/01/2002	

**Owner Name: ARIZONA SAND AND ROCK CO**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int</b> 100.0000000	8410067600000
<b>Type</b> BILLED OWNER	
<b>Acquisition Date</b> NONE	
<b>Document Date</b> 04/30/1984	
<b>Inactive Date</b> 01/05/1999	

**Owner Name: CALIFORNIA PORTLAND CEMENT CO**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int</b> 100.0000000	8410067500000
<b>Type</b> BILLED OWNER	
<b>Acquisition Date</b> NONE	
<b>Document Date</b> 04/30/1984	
<b>Inactive Date</b> 04/29/1984	



**Owner Name: TRADELANDS, INC**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int 100.0000000</b>	8119342500000
<b>Type BILLED OWNER</b>	
<b>Acquisition Date NONE</b>	
<b>Document Date 08/31/1981</b>	
<b>Inactive Date 04/29/1984</b>	

**Owner Name: CIVIC CENTER PARTNERSHIP**

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<b>R/I TENANCY IN COMMON</b>	<b>Document Numbers</b>
<b>% Int 28.3300000</b>	8113543400000
<b>Type OTHER OWNER</b>	8113543800000
<b>Acquisition Date NONE</b>	8113543900000
<b>Document Date 06/22/1981</b>	
<b>Inactive Date 08/30/1981</b>	

**Owner Name: JN CARLSBAD VENTURE**

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<b>R/I TENANCY IN COMMON</b>	<b>Document Numbers</b>
<b>% Int 33.3300000</b>	8113543400000
<b>Type OTHER OWNER</b>	8113543800000
<b>Acquisition Date NONE</b>	8113543900000
<b>Document Date 06/22/1981</b>	
<b>Inactive Date 08/30/1981</b>	

**Owner Name: SECURITY PACIFIC NATIONAL BANK TR**

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<b>R/I TENANCY IN COMMON</b>	<b>Document Numbers</b>
<b>% Int 38.3400000</b>	8113543400000
<b>Type OTHER OWNER</b>	8113543800000
<b>Acquisition Date NONE</b>	8113543900000
<b>Document Date 06/22/1981</b>	
<b>Inactive Date 08/30/1981</b>	



**Owner Name: SECURITY PACIFIC NATIONAL BANK TR**

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	<u>Document Numbers</u>
R/I TENANCY IN COMMON	
% Int 28.3300000	8113544000000
Type OTHER OWNER	8113544100000
Acquisition Date NONE	
Document Date 06/22/1981	
Inactive Date 08/30/1981	

**Owner Name: SECURITY PACIFIC NATIONAL BANK TR**

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	<u>Document Numbers</u>
R/I TENANCY IN COMMON	
% Int 33.3300000	8113544000000
Type OTHER OWNER	8113544100000
Acquisition Date NONE	
Document Date 06/22/1981	
Inactive Date 08/30/1981	

**Owner Name: WILSON, ALVA H TR**

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	<u>Document Numbers</u>
R/I SOLE OWNER	
% Int 0.0000000	
Type BILLED OWNER	
Acquisition Date NONE	
Document Date NONE	
Inactive Date 08/30/1981	



**New Supplements**

**Supplement Date: 01/06/1999**

<b>Roll Type</b> REGULAR SUPPLEMENT	<b>Supp Type</b> OWNERSHIP TRANSFER	
<b>Supp Year</b> 1999	<b>New Land</b>	FJĚ €€
<b>Revised IND</b>	<b>New Imprv</b>	0
<b>Corrected Date</b>	<b>Old Land</b>	FI Ę Ĩ Ĩ
<b>Correction Code</b>	<b>Old Imprv</b>	0
<b>Legal Status</b> SECURED	<b>New HOX</b>	0
<b>TRA</b> 7224	<b>Old HOX</b>	0
<b>NOPIC Date</b> 01/18/2002	<b>Supp HOX</b>	0
<b>Extract Date</b> 05/11/2002	<b>Special Exem</b>	0
<b>Months Prorated</b> 12	<b>Impr Penalty</b>	0
<b>Corr Status</b>	<b>Prior Supps</b>	0
<b>Original Parcel</b> 0262042140000	<b>Net Value</b>	( ž &
<b>Billed Owner</b> ARIZONA SAND AND ROCK CO		
<b>Joint Owner</b>		

**Supplement Date: 01/06/1999**

<b>Roll Type</b> INTERIM SUPPLEMENT	<b>Supp Type</b> OWNERSHIP TRANSFER	
<b>Supp Year</b> 1999	<b>New Land</b>	FJĚ €€
<b>Revised IND</b>	<b>New Imprv</b>	0
<b>Corrected Date</b>	<b>Old Land</b>	FI Ę €
<b>Correction Code</b>	<b>Old Imprv</b>	0
<b>Legal Status</b> SECURED	<b>New HOX</b>	0
<b>TRA</b> 7224	<b>Old HOX</b>	0
<b>NOPIC Date</b> 01/18/2002	<b>Supp HOX</b>	0
<b>Extract Date</b> 05/11/2002	<b>Special Exem</b>	0
<b>Months Prorated</b> 5	<b>Impr Penalty</b>	0
<b>Corr Status</b>	<b>Prior Supps</b>	0
<b>Original Parcel</b> 0262042140000	<b>Net Value</b>	) ž-
<b>Billed Owner</b> ARIZONA SAND AND ROCK CO		
<b>Joint Owner</b>		

# Property Information Management System

San Bernardino County  
Office of the Assessor



PIMS PACKAGE REPORT FOR PARCEL 0262-042-07-0000



<b>Property Information</b>	<b>Parcel was Split</b>
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**Property Address (Main Situs)** Protected per CA. Govt. Code Sect. 6254.21  
 Protected per CA. Govt. Code Sect. 6254.21

**Owner and Mailing Address** CALMAT CO  
 C/O VULCAN MATERIALS COMPANY, WESTERN DIV  
 Protected per CA. Govt. Code Sect. 6254.21  
 Protected per CA. Govt. Code Sect. 6254.21

**Effective Date** 04/22/2011

**Parcel** 0262042070000  
**Parcel Status** INACTIVE  
**Parcel Type** REAL PROPERTY  
**Property ID**  
**Tax Status** ASSESSED BY COUNTY  
**Use Code** VACANT  
**Land Access** CHECK  
**Size** 20,000 SQ. FEET TO 1.500  
**Land Type** INDUSTRIAL  
**District** SAN BERNARDINO  
**Resp Group** SPECIAL PROPERTY  
**Resp Unit** MINING USE REGARDLESS OF ZONE

**Current Owners**

	<u>Document Numbers</u>
<b>Name</b> CALMAT CO	
R/I CORPORATION	2002010200057
<b>% Int</b> 100.0000000	
<b>Type</b> BILLED OWNER	
<b>Acquisition Date</b> 01/02/2002	
<b>Document Date</b> 01/02/2002	
<b>Inactive Date</b> 12/27/2009	

**Legal Parcel Map**

Parcel Map	Parcel Nbr	Unit	Book	Page
	0262042070000			

**Legal Description**

TOWN OF IRVINGTON PTN UNNUMBERED LOT LYING S OF BLK 83 AND W OF BLK 78 AND SWLY OF STATE HGWY

**No Legal Reason for Change Found**



**No Active Homeowner's Exemptions Found**



**Prior Roll History**

Year: 2010

<b>TRA 7224</b>	<b>Land Value</b>	5,706
<b>Supplement NO</b>	<b>Improvement Value</b>	0
<b>Correction Date</b>	<b>Improvement Penalty</b>	0
<b>Correction Code</b>	<b>Pers Prop Value</b>	0
<b>Original Parcel 0262042070000</b>	<b>Pers Prop Penalty</b>	0
<b>Billed Owner ARIZONA SAND AND ROCK CO</b>	<b>Total Penalties</b>	0
<b>Joint Owner</b>	<b>Total Value</b>	5,706
	<b>HOX Exemptions</b>	0
	<b>Special Exemptions</b>	0
	<b>Net Value</b>	5,706

Year: 2009

<b>TRA 7224</b>	<b>Land Value</b>	5,720
<b>Supplement NO</b>	<b>Improvement Value</b>	0
<b>Correction Date</b>	<b>Improvement Penalty</b>	0
<b>Correction Code</b>	<b>Pers Prop Value</b>	0
<b>Original Parcel 0262042070000</b>	<b>Pers Prop Penalty</b>	0
<b>Billed Owner ARIZONA SAND AND ROCK CO</b>	<b>Total Penalties</b>	0
<b>Joint Owner</b>	<b>Total Value</b>	5,720
	<b>HOX Exemptions</b>	0
	<b>Special Exemptions</b>	0
	<b>Net Value</b>	5,720



Year: 2008

TRA 7224	Land Value	5,608
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042070000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	5,608
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>5,608</b>

Year: 2007

TRA 7224	Land Value	5,498
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042070000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	5,498
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>5,498</b>

Year: 2006

TRA 7224	Land Value	5,390
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042070000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	5,390
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>5,390</b>



Year: 2005

TRA 7224	Land Value	5,284
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042070000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	5,284
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>5,284</b>

Year: 2004

TRA 7224	Land Value	5,180
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042070000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	5,180
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>5,180</b>

Year: 2003

TRA 7224	Land Value	5,085
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042070000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	5,085
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>5,085</b>



Year: 2002

TRA 7224	Land Value	4,985
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042070000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	4,985
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>4,985</b>

Year: 2001

TRA 7224	Land Value	4,887
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042070000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	4,887
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>4,887</b>

Year: 2000

TRA 7224	Land Value	4,791
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042070000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	4,791
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>4,791</b>



Year: 1999

TRA 7224	Land Value	4,697
Supplement YES	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042070000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	4,697
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>4,697</b>

Year: 1998

TRA 7224	Land Value	4,612
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042070000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	4,612
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>4,612</b>

Year: 1997

TRA 7224	Land Value	4,522
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042070000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	4,522
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>4,522</b>



Year: 1996

TRA 7224	Land Value	4,433
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042070000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	4,433
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>4,433</b>

Year: 1995

TRA 7224	Land Value	4,384
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042070000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	4,384
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>4,384</b>

Year: 1994

TRA 107014	Land Value	4,332
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042070000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	4,332
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>4,332</b>



Year: 1993

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TRA 107014	Land Value	4,247
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042070000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	4,247
	HOX Exemptions	0
	Special Exemptions	0
	Net Value	4,247



**Parcel History**

<p><b>Event Date</b> 12/28/2009</p> <p><b>Event Group/Type</b> INACTIVATE - SPLIT</p> <p><b>Multi Parcel</b> Yes</p>	<p style="text-align: center;"><b>Multi Parcel List</b></p> <p>0262042310000 NEW-SPL</p> <p>0262042320000 NEW-SPL</p> <p>0262042330000 NEW-SPL</p> <p>0262042030000 OLD-SPL</p> <p>0262042070000 OLD-SPL</p> <p>0262042140000 OLD-SPL</p> <p>0262042160000 OLD-SPL</p>
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<p><b>Event Date</b> 01/02/2002</p> <p><b>Event Group/Type</b> TRANSFER - 100% PER OTHER SOURCE</p> <p><b>Multi Parcel</b> Yes</p>	<p style="text-align: center;"><b>Multi Parcel List</b></p> <p>0232161110000 TOT-OTH</p> <p>0232171050000 TOT-OTH</p> <p>0232171060000 TOT-OTH</p> <p>0232171070000 TOT-OTH</p> <p>0232171080000 TOT-OTH</p> <p>0232171090000 TOT-OTH</p> <p>0232171120000 TOT-OTH</p> <p>0232171130000 TOT-OTH</p> <p>0232171140000 TOT-OTH</p> <p>0258061100000 TOT-OTH</p> <p>0258061220000 TOT-OTH</p> <p>0258071080000 TOT-OTH</p> <p>0258071090000 TOT-OTH</p> <p>0262011390000 TOT-OTH</p> <p>0262011400000 TOT-OTH</p> <p>0262011410000 TOT-OTH</p> <p>0262011420000 TOT-OTH</p> <p>0262011430000 TOT-OTH</p> <p>0262011440000 TOT-OTH</p> <p>0262011450000 TOT-OTH</p> <p>0262042030000 TOT-OTH</p> <p>0262042070000 TOT-OTH</p> <p>0262042140000 TOT-OTH</p> <p>0262042160000 TOT-OTH</p>
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0262042170000 TOT-OTH  
 0262051270000 TOT-OTH  
 0262051290000 TOT-OTH  
 0262051300000 TOT-OTH  
 0262071040000 TOT-OTH  
 0262171070000 TOT-OTH  
 0262171280000 TOT-OTH  
 0262171300000 TOT-OTH  
 0268321170000 TOT-OTH  
 0268321180000 TOT-OTH  
 0348151230000 TOT-OTH  
 1004141030000 TOT-OTH  
 1007722030000 TOT-OTH

Event Date	01/06/1999	Multi Parcel List
Event Group/Type	TRANSFER - 100% PER SBE LEOP	0143321070000 TOT-LGL
Multi Parcel	Yes	0163161490000 TOT-LGL
		0163161510000 TOT-LGL
		0163161520000 TOT-LGL
		0163182010000 TOT-LGL
		0232161110000 TOT-LGL
		0232171050000 TOT-LGL
		0232171060000 TOT-LGL
		0232171070000 TOT-LGL
		0232171080000 TOT-LGL
		0232171090000 TOT-LGL
		0232171120000 TOT-LGL
		0232171130000 TOT-LGL
		0232171140000 TOT-LGL
		0258061100000 TOT-LGL
		0258061220000 TOT-LGL
		0258071080000 TOT-LGL
		0258071090000 TOT-LGL
		0258081150000 TOT-LGL
		0262011380000 TOT-LGL
		0262011390000 TOT-LGL



0262011400000 TOT-LGL  
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0268321180000 TOT-LGL  
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0468102020000 TOT-LGL  
0468131010000 TOT-LGL  
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1004141030000 TOT-LGL  
 1005051370000 TOT-LGL  
 1007371010000 TOT-LGL  
 1007391140000 TOT-LGL  
 1007391150000 TOT-LGL  
 1007391160000 TOT-LGL  
 1007721010000 TOT-LGL  
 1007722030000 TOT-LGL

<b>Event Date</b>	03/01/1995	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRA EVENT - ADDED FROM PREVIOUS PARCEL	
<b>Multi Parcel</b>	No	
<b>Event Date</b>	04/30/1984	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	
<b>Event Date</b>	04/30/1984	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	
<b>Event Date</b>	08/31/1981	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	
<b>Event Date</b>	06/22/1981	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	



<b>Event Date</b>	06/22/1981	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	

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<b>Event Date</b>	02/28/1973	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	CREATE - WORKED IN OLD SYSTEM (NONREPAR)	
<b>Multi Parcel</b>	No	

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**Ownership History**

**Owner Name: CALMAT CO**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int 100.0000000</b>	<u>2002010200057</u>
<b>Type BILLED OWNER</b>	
<b>Acquisition Date 01/02/2002</b>	
<b>Document Date 01/02/2002</b>	
<b>Inactive Date 12/27/2009</b>	

**Owner Name: ARIZONA SAND AND ROCK CO**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int 100.0000000</b>	<u>1999010600008</u>
<b>Type BILLED OWNER</b>	
<b>Acquisition Date 04/30/1984</b>	
<b>Document Date 04/30/1984</b>	
<b>Inactive Date 01/01/2002</b>	

**Owner Name: ARIZONA SAND AND ROCK CO**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int 100.0000000</b>	<u>8410067600000</u>
<b>Type BILLED OWNER</b>	
<b>Acquisition Date NONE</b>	
<b>Document Date 04/30/1984</b>	
<b>Inactive Date 01/05/1999</b>	

**Owner Name: CALIFORNIA PORTLAND CEMENT CO**

---

<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int 100.0000000</b>	<u>8410067500000</u>
<b>Type BILLED OWNER</b>	
<b>Acquisition Date NONE</b>	
<b>Document Date 04/30/1984</b>	
<b>Inactive Date 04/29/1984</b>	



**Owner Name: TRADELANDS, INC**

---

<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int 100.0000000</b>	8119342500000
<b>Type BILLED OWNER</b>	
<b>Acquisition Date NONE</b>	
<b>Document Date 08/31/1981</b>	
<b>Inactive Date 04/29/1984</b>	

**Owner Name: CIVIC CENTER PARTNERSHIP**

---

<b>R/I TENANCY IN COMMON</b>	<b>Document Numbers</b>
<b>% Int 28.3300000</b>	8113543400000
<b>Type OTHER OWNER</b>	8113543800000
<b>Acquisition Date NONE</b>	8113543900000
<b>Document Date 06/22/1981</b>	
<b>Inactive Date 08/30/1981</b>	

**Owner Name: JN CARLSBAD VENTURE**

---

<b>R/I TENANCY IN COMMON</b>	<b>Document Numbers</b>
<b>% Int 33.3300000</b>	8113543400000
<b>Type OTHER OWNER</b>	8113543800000
<b>Acquisition Date NONE</b>	8113543900000
<b>Document Date 06/22/1981</b>	
<b>Inactive Date 08/30/1981</b>	

**Owner Name: SECURITY PACIFIC NATIONAL BANK TR**

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<b>R/I TENANCY IN COMMON</b>	<b>Document Numbers</b>
<b>% Int 38.3400000</b>	8113543400000
<b>Type OTHER OWNER</b>	8113543800000
<b>Acquisition Date NONE</b>	8113543900000
<b>Document Date 06/22/1981</b>	
<b>Inactive Date 08/30/1981</b>	



**Owner Name: SECURITY PACIFIC NATIONAL BANK TR**

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	<u>Document Numbers</u>
R/I TENANCY IN COMMON	
% Int 28.3300000	8113544000000
Type OTHER OWNER	8113544100000
Acquisition Date NONE	
Document Date 06/22/1981	
Inactive Date 08/30/1981	

**Owner Name: SECURITY PACIFIC NATIONAL BANK TR**

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	<u>Document Numbers</u>
R/I TENANCY IN COMMON	
% Int 33.3300000	8113544000000
Type OTHER OWNER	8113544100000
Acquisition Date NONE	
Document Date 06/22/1981	
Inactive Date 08/30/1981	

**Owner Name: WILSON, ALVA H TR**

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	<u>Document Numbers</u>
R/I SOLE OWNER	
% Int 0.0000000	
Type BILLED OWNER	
Acquisition Date NONE	
Document Date NONE	
Inactive Date 08/30/1981	



**New Supplements**

**Supplement Date: 01/06/1999**

<b>Roll Type</b> REGULAR SUPPLEMENT	<b>Supp Type</b> OWNERSHIP TRANSFER	
<b>Supp Year</b> 1999	<b>New Land</b>	1 1/2 Jĩ
<b>Revised IND</b>	<b>New Imprv</b>	0
<b>Corrected Date</b>	<b>Old Land</b>	1 1/2 Jĩ
<b>Correction Code</b>	<b>Old Imprv</b>	0
<b>Legal Status</b> SECURED	<b>New HOX</b>	0
<b>TRA</b> 7224	<b>Old HOX</b>	0
<b>NOPIC Date</b> 01/19/2002	<b>Supp HOX</b>	0
<b>Extract Date</b> 05/11/2002	<b>Special Exem</b>	0
<b>Months Prorated</b> 12	<b>Impr Penalty</b>	0
<b>Corr Status</b>	<b>Prior Supps</b>	0
<b>Original Parcel</b> 0262042070000	<b>Net Value</b>	<b>0</b>
<b>Billed Owner</b> ARIZONA SAND AND ROCK CO		
<b>Joint Owner</b>		

**Supplement Date: 01/06/1999**

<b>Roll Type</b> INTERIM SUPPLEMENT	<b>Supp Type</b> OWNERSHIP TRANSFER	
<b>Supp Year</b> 1999	<b>New Land</b>	1 1/2 Jĩ
<b>Revised IND</b>	<b>New Imprv</b>	0
<b>Corrected Date</b>	<b>Old Land</b>	1 1/2 FG
<b>Correction Code</b>	<b>Old Imprv</b>	0
<b>Legal Status</b> SECURED	<b>New HOX</b>	0
<b>TRA</b> 7224	<b>Old HOX</b>	0
<b>NOPIC Date</b> 01/19/2002	<b>Supp HOX</b>	0
<b>Extract Date</b> 05/11/2002	<b>Special Exem</b>	0
<b>Months Prorated</b> 5	<b>Impr Penalty</b>	0
<b>Corr Status</b>	<b>Prior Supps</b>	0
<b>Original Parcel</b> 0262042070000	<b>Net Value</b>	<b>85</b>
<b>Billed Owner</b> ARIZONA SAND AND ROCK CO		
<b>Joint Owner</b>		

# Property Information Management System

San Bernardino County  
Office of the Assessor



PIMS PACKAGE REPORT FOR PARCEL 0262-042-16-0000



<b>Property Information</b>	<b>Parcel was Split</b>
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**Property Address (Main Situs)** Protected per CA. Govt. Code Sect. 6254.21  
 Protected per CA. Govt. Code Sect. 6254.21

**Owner and Mailing Address** CALMAT CO  
 C/O VULCAN MATERIALS COMPANY, WESTERN DIV  
 Protected per CA. Govt. Code Sect. 6254.21  
 Protected per CA. Govt. Code Sect. 6254.21

**Effective Date** 04/22/2011

**Parcel** 0262042160000  
**Parcel Status** INACTIVE  
**Parcel Type** REAL PROPERTY  
**Property ID**  
**Tax Status** ASSESSED BY COUNTY  
**Use Code** RK SND GRV  
**Land Access** CHECK  
**Size** 25.001 ACRES AND OVER  
**Land Type** INDUSTRIAL  
**District** SAN BERNARDINO  
**Resp Group** SPECIAL PROPERTY  
**Resp Unit** MINING USE REGARDLESS OF ZONE

**Current Owners**

Name	Document Numbers
<b>CALMAT CO</b> R/I CORPORATION % Int 100.0000000 Type BILLED OWNER Acquisition Date 01/02/2002 Document Date 01/02/2002 Inactive Date 12/27/2009	2002010200057

**Legal Parcel Map**

Parcel Map	Parcel Nbr	Unit	Book	Page
	0262042160000			



**Legal Description**

PTN MUSCUPIABE RANCHO THAT PTN FOL DESC LYING NELY OF NELY LI LAND CONVEYED TO SOUTHERN PACIFIC CO BY DEED RECORDED IN BOOK 6483 PG 645 OFFICIAL RECORDS COM AT INTERSECTION SWLY LI CAJON HGWY U S NO66 WITH SLY LI MEYER AND BARCLAY SUB TH ALG SD HGWY S 44 DEG 03 MIN 25 SECONDS E 490.93 FT TH S 52 DEG 15 MIN 40 SECONDS E 349.80 FT TH S 50 DEG 58 MIN 30 SECONDS E 2840.55 FT FOR TRUE POB TH N 50 DEG 58 MIN 30 SECONDS W ALG SD W LI SD HGWY 2440.35 FT TH AT R/A S 49 DEG 01 MIN 30 SECONDS W 435.6FT TH N 51 DEG 34 MIN 30 SECONDS W 740.15 FT TH S 37 DEG 44 MIN 30 SECONDS W TO INTERSECTION WITH ELY BNDRY LAND DEEDED TO SAN BERNARDINO COUNTY AND RECORDED IN BOOK 2268 PG 138 OFFICIAL RECORDS THSLY ALG SD ELY BNDRY LI TO PT WHICH BEARS S 39 DEG 01 MIN 30 SECONDS W FROM TRUE POB TH N 39 DEG 01MIN 30 SECONDS E TO TRUE POB EX PTN LYING WITHIN BNDRY OF IRVINGTON LAND AND WATER CO SUB AND EX LOWER DEVORE LEVEE S B FLOOD CONTROL 75.26 AC M/L

**No Legal Reason for Change Found**

**No Active Homeowner's Exemptions Found**



**Prior Roll History**

Year: 2010

<b>TRA 7224</b>	<b>Land Value</b>	622,235
<b>Supplement NO</b>	<b>Improvement Value</b>	0
<b>Correction Date</b>	<b>Improvement Penalty</b>	0
<b>Correction Code</b>	<b>Pers Prop Value</b>	0
<b>Original Parcel 0262042160000</b>	<b>Pers Prop Penalty</b>	0
<b>Billed Owner ARIZONA SAND AND ROCK CO</b>	<b>Total Penalties</b>	0
<b>Joint Owner</b>	<b>Total Value</b>	622,235
	<b>HOX Exemptions</b>	0
	<b>Special Exemptions</b>	0
	<b>Net Value</b>	622,235

Year: 2009

<b>TRA 7224</b>	<b>Land Value</b>	623,713
<b>Supplement NO</b>	<b>Improvement Value</b>	0
<b>Correction Date</b>	<b>Improvement Penalty</b>	0
<b>Correction Code</b>	<b>Pers Prop Value</b>	0
<b>Original Parcel 0262042160000</b>	<b>Pers Prop Penalty</b>	0
<b>Billed Owner ARIZONA SAND AND ROCK CO</b>	<b>Total Penalties</b>	0
<b>Joint Owner</b>	<b>Total Value</b>	623,713
	<b>HOX Exemptions</b>	0
	<b>Special Exemptions</b>	0
	<b>Net Value</b>	623,713



Year: 2008

TRA 7224	Land Value	611,483
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042160000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	611,483
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>611,483</b>

Year: 2007

TRA 7224	Land Value	599,493
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042160000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	599,493
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>599,493</b>

Year: 2006

TRA 7224	Land Value	587,738
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042160000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	587,738
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>587,738</b>



Year: 2005

TRA 7224	Land Value	576,214
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042160000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	576,214
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>576,214</b>

Year: 2004

TRA 7224	Land Value	564,916
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042160000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	564,916
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>564,916</b>

Year: 2003

TRA 7224	Land Value	554,562
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042160000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	554,562
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>554,562</b>



Year: 2002

TRA 7224	Land Value	543,688
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042160000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	543,688
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>543,688</b>

Year: 2001

TRA 7224	Land Value	533,027
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042160000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	533,027
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>533,027</b>

Year: 2000

TRA 7224	Land Value	522,575
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042160000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	522,575
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>522,575</b>



Year: 1999

TRA 7224	Land Value	512,328
Supplement YES	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042160000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	512,328
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>512,328</b>

Year: 1998

TRA 7224	Land Value	503,023
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042160000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	503,023
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>503,023</b>

Year: 1997

TRA 7224	Land Value	493,160
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042160000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	493,160
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>493,160</b>



Year: 1996

TRA 7224	Land Value	483,490
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042160000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	483,490
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>483,490</b>

Year: 1995

TRA 7224	Land Value	478,182
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042160000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	478,182
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>478,182</b>

Year: 1994

TRA 107014	Land Value	472,559
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042160000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	472,559
	HOX Exemptions	0
	Special Exemptions	0
	<b>Net Value</b>	<b>472,559</b>



Year: 1993

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TRA 107014	Land Value	463,293
Supplement NO	Improvement Value	0
Correction Date	Improvement Penalty	0
Correction Code	Pers Prop Value	0
Original Parcel 0262042160000	Pers Prop Penalty	0
Billed Owner ARIZONA SAND AND ROCK CO	Total Penalties	0
Joint Owner	Total Value	463,293
	HOX Exemptions	0
	Special Exemptions	0
	Net Value	463,293



**Parcel History**

<p><b>Event Date</b> 12/28/2009</p> <p><b>Event Group/Type</b> INACTIVATE - SPLIT</p> <p><b>Multi Parcel</b> Yes</p>	<p style="text-align: center;"><b>Multi Parcel List</b></p> <p>0262042310000 NEW-SPL</p> <p>0262042320000 NEW-SPL</p> <p>0262042330000 NEW-SPL</p> <p>0262042030000 OLD-SPL</p> <p>0262042070000 OLD-SPL</p> <p>0262042140000 OLD-SPL</p> <p>0262042160000 OLD-SPL</p>
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<p><b>Event Date</b> 01/02/2002</p> <p><b>Event Group/Type</b> TRANSFER - 100% PER OTHER SOURCE</p> <p><b>Multi Parcel</b> Yes</p>	<p style="text-align: center;"><b>Multi Parcel List</b></p> <p>0232161110000 TOT-OTH</p> <p>0232171050000 TOT-OTH</p> <p>0232171060000 TOT-OTH</p> <p>0232171070000 TOT-OTH</p> <p>0232171080000 TOT-OTH</p> <p>0232171090000 TOT-OTH</p> <p>0232171120000 TOT-OTH</p> <p>0232171130000 TOT-OTH</p> <p>0232171140000 TOT-OTH</p> <p>0258061100000 TOT-OTH</p> <p>0258061220000 TOT-OTH</p> <p>0258071080000 TOT-OTH</p> <p>0258071090000 TOT-OTH</p> <p>0262011390000 TOT-OTH</p> <p>0262011400000 TOT-OTH</p> <p>0262011410000 TOT-OTH</p> <p>0262011420000 TOT-OTH</p> <p>0262011430000 TOT-OTH</p> <p>0262011440000 TOT-OTH</p> <p>0262011450000 TOT-OTH</p> <p>0262042030000 TOT-OTH</p> <p>0262042070000 TOT-OTH</p> <p>0262042140000 TOT-OTH</p> <p>0262042160000 TOT-OTH</p>
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0262042170000 TOT-OTH  
 0262051270000 TOT-OTH  
 0262051290000 TOT-OTH  
 0262051300000 TOT-OTH  
 0262071040000 TOT-OTH  
 0262171070000 TOT-OTH  
 0262171280000 TOT-OTH  
 0262171300000 TOT-OTH  
 0268321170000 TOT-OTH  
 0268321180000 TOT-OTH  
 0348151230000 TOT-OTH  
 1004141030000 TOT-OTH  
 1007722030000 TOT-OTH

Event Date	01/06/1999	Multi Parcel List
Event Group/Type	TRANSFER - 100% PER SBE LEOP	0143321070000 TOT-LGL
Multi Parcel	Yes	0163161490000 TOT-LGL
		0163161510000 TOT-LGL
		0163161520000 TOT-LGL
		0163182010000 TOT-LGL
		0232161110000 TOT-LGL
		0232171050000 TOT-LGL
		0232171060000 TOT-LGL
		0232171070000 TOT-LGL
		0232171080000 TOT-LGL
		0232171090000 TOT-LGL
		0232171120000 TOT-LGL
		0232171130000 TOT-LGL
		0232171140000 TOT-LGL
		0258061100000 TOT-LGL
		0258061220000 TOT-LGL
		0258071080000 TOT-LGL
		0258071090000 TOT-LGL
		0258081150000 TOT-LGL
		0262011380000 TOT-LGL
		0262011390000 TOT-LGL



0262011400000 TOT-LGL  
0262011410000 TOT-LGL  
0262011420000 TOT-LGL  
0262011430000 TOT-LGL  
0262011440000 TOT-LGL  
0262011450000 TOT-LGL  
0262042030000 TOT-LGL  
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0262061410000 TOT-LGL  
0262061420000 TOT-LGL  
0262071040000 TOT-LGL  
0262171070000 TOT-LGL  
0262171280000 TOT-LGL  
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0268321180000 TOT-LGL  
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0468091160000 TOT-LGL  
0468091200000 TOT-LGL  
0468102010000 TOT-LGL  
0468102020000 TOT-LGL  
0468131010000 TOT-LGL  
0468141040000 TOT-LGL



1004141030000 TOT-LGL  
 1005051370000 TOT-LGL  
 1007371010000 TOT-LGL  
 1007391140000 TOT-LGL  
 1007391150000 TOT-LGL  
 1007391160000 TOT-LGL  
 1007721010000 TOT-LGL  
 1007722030000 TOT-LGL

<b>Event Date</b>	03/01/1995	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRA EVENT - ADDED FROM PREVIOUS PARCEL	
<b>Multi Parcel</b>	No	
<b>Event Date</b>	04/30/1984	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	
<b>Event Date</b>	04/30/1984	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	
<b>Event Date</b>	08/31/1981	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	
<b>Event Date</b>	06/22/1981	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	



<b>Event Date</b>	06/22/1981	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	TRANSFER - WORKED IN OLD SYSTEM (100% OR PARTIAL)	
<b>Multi Parcel</b>	No	

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<b>Event Date</b>	02/28/1973	<b>Multi Parcel List</b>
<b>Event Group/Type</b>	CREATE - WORKED IN OLD SYSTEM (NONREPAR)	
<b>Multi Parcel</b>	No	

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**Ownership History**

**Owner Name: CALMAT CO**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int 100.0000000</b>	<u>2002010200057</u>
<b>Type BILLED OWNER</b>	
<b>Acquisition Date 01/02/2002</b>	
<b>Document Date 01/02/2002</b>	
<b>Inactive Date 12/27/2009</b>	

**Owner Name: ARIZONA SAND AND ROCK CO**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int 100.0000000</b>	<u>1999010600008</u>
<b>Type BILLED OWNER</b>	
<b>Acquisition Date 04/30/1984</b>	
<b>Document Date 04/30/1984</b>	
<b>Inactive Date 01/01/2002</b>	

**Owner Name: ARIZONA SAND AND ROCK CO**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int 100.0000000</b>	<u>8410067600000</u>
<b>Type BILLED OWNER</b>	
<b>Acquisition Date NONE</b>	
<b>Document Date 04/30/1984</b>	
<b>Inactive Date 01/05/1999</b>	

**Owner Name: CALIFORNIA PORTLAND CEMENT CO**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int 100.0000000</b>	<u>8410067500000</u>
<b>Type BILLED OWNER</b>	
<b>Acquisition Date NONE</b>	
<b>Document Date 04/30/1984</b>	
<b>Inactive Date 04/29/1984</b>	



**Owner Name: TRADELANDS, INC**

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<b>R/I CORPORATION</b>	<b>Document Numbers</b>
<b>% Int 100.0000000</b>	8119342500000
<b>Type BILLED OWNER</b>	
<b>Acquisition Date NONE</b>	
<b>Document Date 08/31/1981</b>	
<b>Inactive Date 04/29/1984</b>	

**Owner Name: CIVIC CENTER PARTNERSHIP**

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<b>R/I TENANCY IN COMMON</b>	<b>Document Numbers</b>
<b>% Int 28.3300000</b>	8113543400000
<b>Type OTHER OWNER</b>	8113543800000
<b>Acquisition Date NONE</b>	8113543900000
<b>Document Date 06/22/1981</b>	
<b>Inactive Date 08/30/1981</b>	

**Owner Name: JN CARLSBAD VENTURE**

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<b>R/I TENANCY IN COMMON</b>	<b>Document Numbers</b>
<b>% Int 33.3300000</b>	8113543400000
<b>Type OTHER OWNER</b>	8113543800000
<b>Acquisition Date NONE</b>	8113543900000
<b>Document Date 06/22/1981</b>	
<b>Inactive Date 08/30/1981</b>	

**Owner Name: SECURITY PACIFIC NATIONAL BANK TR**

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<b>R/I TENANCY IN COMMON</b>	<b>Document Numbers</b>
<b>% Int 38.3400000</b>	8113543400000
<b>Type OTHER OWNER</b>	8113543800000
<b>Acquisition Date NONE</b>	8113543900000
<b>Document Date 06/22/1981</b>	
<b>Inactive Date 08/30/1981</b>	



**Owner Name: SECURITY PACIFIC NATIONAL BANK TR**

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	<u>Document Numbers</u>
R/I TENANCY IN COMMON	
% Int 28.3300000	8113544000000
Type OTHER OWNER	8113544100000
Acquisition Date NONE	
Document Date 06/22/1981	
Inactive Date 08/30/1981	

**Owner Name: SECURITY PACIFIC NATIONAL BANK TR**

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	<u>Document Numbers</u>
R/I TENANCY IN COMMON	
% Int 33.3300000	8113544000000
Type OTHER OWNER	8113544100000
Acquisition Date NONE	
Document Date 06/22/1981	
Inactive Date 08/30/1981	

**Owner Name: WILSON, ALVA H TR**

---

	<u>Document Numbers</u>
R/I SOLE OWNER	
% Int 0.0000000	
Type BILLED OWNER	
Acquisition Date NONE	
Document Date NONE	
Inactive Date 08/30/1981	



**New Supplements**

**Supplement Date: 01/06/1999**

<b>Roll Type</b> REGULAR SUPPLEMENT	<b>Supp Type</b> OWNERSHIP TRANSFER
<b>Supp Year</b> 1999	<b>New Land</b> í FGG
<b>Revised IND</b>	<b>New Imprv</b> 0
<b>Corrected Date</b>	<b>Old Land</b> í FGG
<b>Correction Code</b>	<b>Old Imprv</b> 0
<b>Legal Status</b> SECURED	<b>New HOX</b> 0
<b>TRA</b> 7224	<b>Old HOX</b> 0
<b>NOPIC Date</b> 01/18/2002	<b>Supp HOX</b> 0
<b>Extract Date</b> 05/11/2002	<b>Special Exem</b> 0
<b>Months Prorated</b> 12	<b>Impr Penalty</b> 0
<b>Corr Status</b>	<b>Prior Supps</b> 0
<b>Original Parcel</b> 0262042160000	<b>Net Value</b> 0
<b>Billed Owner</b> ARIZONA SAND AND ROCK CO	
<b>Joint Owner</b>	

**Supplement Date: 01/06/1999**

<b>Roll Type</b> INTERIM SUPPLEMENT	<b>Supp Type</b> OWNERSHIP TRANSFER
<b>Supp Year</b> 1999	<b>New Land</b> í FGG
<b>Revised IND</b>	<b>New Imprv</b> 0
<b>Corrected Date</b>	<b>Old Land</b> í FGG
<b>Correction Code</b>	<b>Old Imprv</b> 0
<b>Legal Status</b> SECURED	<b>New HOX</b> 0
<b>TRA</b> 7224	<b>Old HOX</b> 0
<b>NOPIC Date</b> 01/18/2002	<b>Supp HOX</b> 0
<b>Extract Date</b> 05/11/2002	<b>Special Exem</b> 0
<b>Months Prorated</b> 5	<b>Impr Penalty</b> 0
<b>Corr Status</b>	<b>Prior Supps</b> 0
<b>Original Parcel</b> 0262042160000	<b>Net Value</b> -2 \$)
<b>Billed Owner</b> ARIZONA SAND AND ROCK CO	
<b>Joint Owner</b>	

## APPENDIX E

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### **Site and Surrounding Property Photographs**



General view of command trailers (northern boundary of Site) facing north.



View of storage unit and concrete staging area just south of maintenance area (facing north).



Further View of storage unit and concrete staging area just south of maintenance area (facing north).



View of staging area just south of maintenance area (facing south).



View of trash on site non-potable groundwater well (facing west).



Further view of trash on staging area (facing west).



View of petroleum products within maintenance area (facing west).



View of secondary containment within maintenance area (facing west).



View of air compressor within maintenance area (facing north).



Typical view of undeveloped parcel areas (facing north).

## APPENDIX F

---

### **Environmental Lien Search**

**Vulcan Materials Company**

19401 N. Cajon Boulevard  
San Bernardino, CA 92407

Inquiry Number: 3059310.7  
May 12, 2011

# The EDR Environmental LienSearch™ Report

## The EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

***Thank you for your business.***

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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# The EDR Environmental LienSearch™ Report

## TARGET PROPERTY INFORMATION

### ADDRESS

19401 N. Cajon Boulevard  
Vulcan Materials Company  
San Bernardino, CA 92407

### RESEARCH SOURCE

#### Source 1:

San Bernardino county recorder  
San Bernardino, CA

### PROPERTY INFORMATION

#### Deed 1:

Type of Deed: Deed  
Title is vested in: Calmat Co  
Title received from: Calmat Co  
Deed Dated: 12/18/2009  
Deed Recorded: 12/28/2009  
Book: NA  
Page: na  
Volume: na  
Instrument: na  
Docket: NA  
Land Record Comments: see exhibit  
Miscellaneous Comments: na

**Legal Description:** see exhibit

**Legal Current Owner:** Calmat Co

**Property Identifiers:** 0262-042-03-0000

**Comments:** see exhibit

### ENVIRONMENTAL LIEN

Environmental Lien: Found  Not Found

### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found  Not Found

## **Deed Exhibit 1**



**LARRY WALKER**  
Auditor/Controller - Recorder

629 Chicago Title Company

# CHICAGO TITLE CO.

Recording Requested By,  
And When Recorded Mail To  
And Mail Tax Statements To:

Doc #: **2009-0570313**



<b>Titles:</b>	<b>1</b>	<b>Pages:</b>	<b>3</b>
Fees		15.00	
Taxes		.00	
Other		.00	
<b>PAID</b>		<b>15.00</b>	

CalMat Co.  
C/o Vulcan Materials Company, Western Division  
3200 San Fernando Rd.  
Los Angeles, CA 90065

APN 262-042-03

SPACE ABOVE FOR RECORDER'S USE

### GRANT DEED (Lot Line Adjustment)

ACCOMMODATION ONLY

The undersigned Grantor(s) declare(s): Documentary transfer tax is ~~NONE~~; exempt from transfer tax due to DEED TO SAME PARTY – lot line adjustment only, no sale.

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

**CALMAT CO., a Delaware corporation**, successor by merger to CalMat Co. of Arizona, an Arizona corporation

hereby grant(s) to **CALMAT CO., a Delaware corporation**

the following described real property in the City of San Bernardino, County of San Bernardino, State of California:

Parcel 2 of Certificate of Compliance No. 2006-06, recorded in the Official Records of San Bernardino County on November 30, 2009 as Document No. 2009-0532580 (which corrects and replaces the Certificate of Compliance recorded June 3, 2009 as Document No. 2009-0241865).

Legal description attached hereto as Exhibit "A" and made a part hereof.

**This Deed is for Lot Line Adjustment purposes only for Certificate of Compliance No. 2006-06, approved by the County of San Bernardino.**

Dated: December 18, 2009

CALMAT CO., a Delaware corporation

BY: Michael Linton  
Michael Linton, Vice President

BY: Brian Ferris  
Brian Ferris, Assistant Secretary

16751-X53

This document filed for recording by Chicago Title Insurance and trust as an accommodation only. It has not been examined as to its execution or as its effect upon the title.

Mail Tax Statement as Directed Above

# ACKNOWLEDGMENT

State of California            )  
  ) ss  
County of Los Angeles        )

On December 18, 2009 before me, Karen Shields Clark, Notary Public, personally appeared Brian Ferris and Michael Linton who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

*Karen Shields Clark*  
Signature of Notary



My Commission Number is 1771106.  
My Commission Expires October 28, 2011.

EXHIBIT "A"

PARCEL 2

THAT PORTION of Rancho Muscupiabe, as per map thereof recorded in Book 7 of Maps, at page 23 thereof, San Bernardino County Records, more particularly described as follows:

COMMENCING at the point of intersection of the Southwesterly line of the Cajon Highway, also known as U.S. Highway No. 66 (90 feet in width), with the Southerly line of the Meyer and Barclay Subdivision as per map thereof recorded in Book 12 of Maps at page 18 thereof, Records of San Bernardino County; thence S 44° 03' 25" E along the said Southwesterly line of said Cajon Highway a distance of 490.93 feet to an angle point therein for the TRUE POINT OF BEGINNING; thence from said true point of beginning continuing along said Southwesterly line of said Cajon Highway S 52° 15' 40" E 349.80 feet to an angle point therein; thence continuing along said Southwesterly line of said Cajon Highway S 50° 58' 30" E 400.20 feet to a point thereon; thence at right angles to the last mentioned course S 39° 01' 30" W 435.61 feet; thence N 51° 34' 30" W 740.18 feet more or less to a point which bears S 37° 44' 20" W 435.61 feet from the True Point of Beginning; thence N 37° 44' 20" E 435.61 feet to the True Point of Beginning.

EXCEPTING therefrom, those certain properties, if any, conveyed to the San Bernardino County Flood Control District and/ or the U.S. Army Engineers, for the construction of Flood Control Works per Book 2031, page 362 O.R. of said County.



NOTE: This parcel is shown RS 120/9.

## APPENDIX G

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### **Historical Aerial Photographs**



**Vulcan Materials Company**

19401 N. Cajon Boulevard  
San Bernardino, CA 92407

Inquiry Number: 3059310.5

May 18, 2011

## The EDR Aerial Photo Decade Package



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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***Thank you for your business.***  
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**Date EDR Searched Historical Sources:**

Aerial Photography May 18, 2011

**Target Property:**

19401 N. Cajon Boulevard

San Bernardino, CA 92407

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1930	Aerial Photograph. Scale: 1"=666'	Flight Year: 1930	Fairchild
1938	Aerial Photograph. Scale: 1"=555'	Flight Year: 1938	Laval
1953	Aerial Photograph. Scale: 1"=555'	Flight Year: 1953	Southwestern
1966	Aerial Photograph. Scale: 1"=555'	Flight Year: 1966	Universe
1972	Aerial Photograph. Scale: 1"=400'	Flight Year: 1972	Pacific Air
1990	Aerial Photograph. Scale: 1"=666'	Flight Year: 1990	USGS
1995	Aerial Photograph. Scale: 1"=666'	Flight Year: 1995	USGS
2002	Aerial Photograph. Scale: 1"=666'	Flight Year: 2002	USGS
2005	Aerial Photograph. Scale: 1"=604'	Flight Year: 2005	EDR



**INQUIRY #:** 3059310.5

**YEAR:** 1930

| = 666'





**INQUIRY #:** 3059310.5

**YEAR:** 1938

| = 555'





**INQUIRY #:** 3059310.5

**YEAR:** 1953

**|** = 555'





**INQUIRY #:** 3059310.5

**YEAR:** 1966

| = 555'





**INQUIRY #:** 3059310.5

**YEAR:** 1972

| = 400'





**INQUIRY #:** 3059310.5

**YEAR:** 1990

| = 666'





**INQUIRY #:** 3059310.5

**YEAR:** 1995

| = 666'



EDR Environmental  
Data Resources Inc.



**INQUIRY #:** 3059310.5

**YEAR:** 2002

| = 666'





**INQUIRY #:** 3059310.5

**YEAR:** 2005

**| = 604'**



## APPENDIX H

---

### **Historical City Directories**

**Vulcan Materials Company**

19401 Cajon Boulevard  
San Bernardino, CA 92407

Inquiry Number: 3059310.6  
May 04, 2011

# The EDR-City Directory Abstract

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2003. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2003	Haines & Co Publishers	-	X	X	-
2002	SBC PACIFIC BELL	-	-	-	-
1996	GTE Street Address Directory	-	X	X	-
1995	GTE Directories	-	-	-	-
1991	GTE California Incorporated	-	X	X	-
1990	Pacific Bell	-	-	-	-
1985	GTE Directories	-	-	-	-
1981	General Telephone Company of California	-	X	X	-
1980	GTE Directories	-	-	-	-
1975	General Telephone Company of California	-	X	X	-
	Pacific Telephone Co	-	X	X	-
1970	General Telephone Company of California	-	X	X	-
1965	General Telephone Company of California	-	X	X	-
1964	Luskey Brothers & Co	-	-	-	-
1961	Luskey Brothers & Co Publishers	-	-	-	-
1960	General Telephone Company Publishers	-	-	-	-
1956	General Telephone Company Publishers	-	-	-	-
1955	Luskey Brothers & Co Publishers	-	-	-	-
1951	Los Angeles Directory Company Publishers	-	-	-	-
1950	The Pacific Telephone and Telegraph Co	-	-	-	-
1949	San Bernardino Directory Co. Publishers	-	-	-	-

## EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1946	Los Angeles Directory Company Publishers	-	-	-	-
1945	Southern California Telephone Company	-	-	-	-
1942	San Bernardino Directory Co Publisher	-	-	-	-
1941	Associated Telephone Company Limited	-	-	-	-
1940	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Co.	-	-	-	-
1936	San Bernardino Directory Co Publisher	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Company Publishers	-	-	-	-
1930	San Bernardino Directory Co Publisher	-	-	-	-
1926	Los Angeles Directory Co Publisher	-	-	-	-
1923	Los Angeles Directory Company	-	-	-	-
1922	R.L. Polk & Co Publishers	-	-	-	-

## FINDINGS

### TARGET PROPERTY INFORMATION

#### ADDRESS

19401 Cajon Boulevard  
San Bernardino, CA 92407

#### FINDINGS DETAIL

Target Property research detail.

No Addresses Found

## FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

### CAJON BLVD

#### 19407 CAJON BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2003	GRAND CENTRAL	Haines & Co Publishers
	AUTO STOUPAKIS David	Haines & Co Publishers
	BLACKWELL LANE	Haines & Co Publishers
1996	BLACKWELL BR AUTMTVE	GTE Street Address Directory
	BLACKWELL BROS AUTO	GTE Street Address Directory
1991	Blackwell James	GTE California Incorporated
	Blackwell Brothers Automotive	GTE California Incorporated
	BLACKWELL BROTHERS AUTONMOTIVE	GTE California Incorporated
	Blackwell Lane	GTE California Incorporated
1981	BRUCES AUTO WRECKING	General Telephone Company of California
	BRUCES GARAGE/TOWING	General Telephone Company of California
1975	BRUCES AUTO WRECKING	General Telephone Company of California
	BRUCES GARAGE/TOWING	General Telephone Company of California
1970	Bodman G P	General Telephone Company of California
	B W B CONSTRUCTORS INC contrs	General Telephone Company of California

#### 19416 CAJON BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2003	ALJO LUMBER CO	Haines & Co Publishers
1996	AL JO LUMBER CO	GTE Street Address Directory
1991	Al Jo Lumber Co	GTE California Incorporated
1981	DICK S EQUIPMENT	General Telephone Company of California
	AL JO LUMBER CO	General Telephone Company of California
1975	AL JO LUMBER CO	General Telephone Company of California
	Al Jo Lumber Co	Pacific Telephone Co
1970	Al Jo Lumber Co	General Telephone Company of California
1965	AL JO LUMBER CO	General Telephone Company of California

## FINDINGS

### **SWARTHOUT CANYON RD**

15791 SWARTHOUT CANYON RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2003	WEALTH CODE	Haines & Co Publishers

## FINDINGS

### TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

#### Address Researched

19401 Cajon Boulevard

#### Address Not Identified in Research Source

2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922

### ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

#### Address Researched

15791 SWARTHOUT CANYON  
RD

19407 CAJON BLVD

19416 CAJON BLVD

#### Address Not Identified in Research Source

2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922

2002, 1995, 1990, 1985, 1980, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922

2002, 1995, 1990, 1985, 1980, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922

## APPENDIX I

---

### **Historical Topographic Maps**



**Vulcan Materials Company**

19401 N. Cajon Boulevard  
San Bernardino, CA 92407

Inquiry Number: 3059310.4  
May 04, 2011

# EDR Historical Topographic Map Report

# EDR Historical Topographic Map Report

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

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# Historical Topographic Map



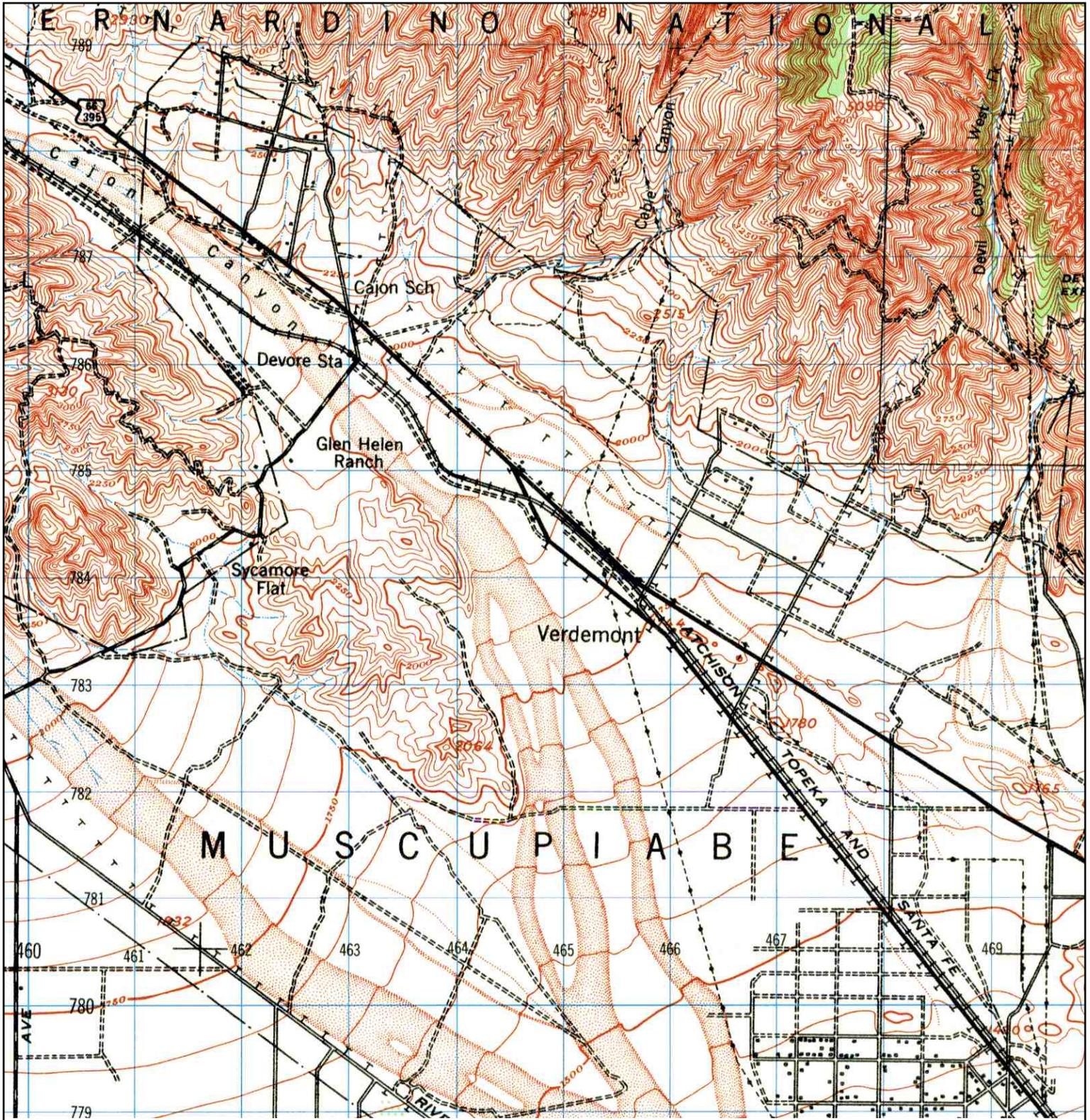
<p>N ↑</p>	<p><b>TARGET QUAD</b></p>	<p><b>SITE NAME:</b> Vulcan Materials Company</p>	<p><b>CLIENT:</b> Brown &amp; Caldwell Consultants</p>
	<p>NAME: SAN BERNARDINO</p>	<p>ADDRESS: 19401 N. Cajon Boulevard</p>	<p><b>CONTACT:</b> Brett Bennetts</p>
	<p>MAP YEAR: 1901</p>	<p>San Bernardino, CA 92407</p>	<p>INQUIRY#: 3059310.4</p>
	<p>SERIES: 15</p>	<p>LAT/LONG: 34.1991 / -117.3806</p>	<p>RESEARCH DATE: 05/04/2011</p>
	<p>SCALE: 1:62500</p>		

# Historical Topographic Map



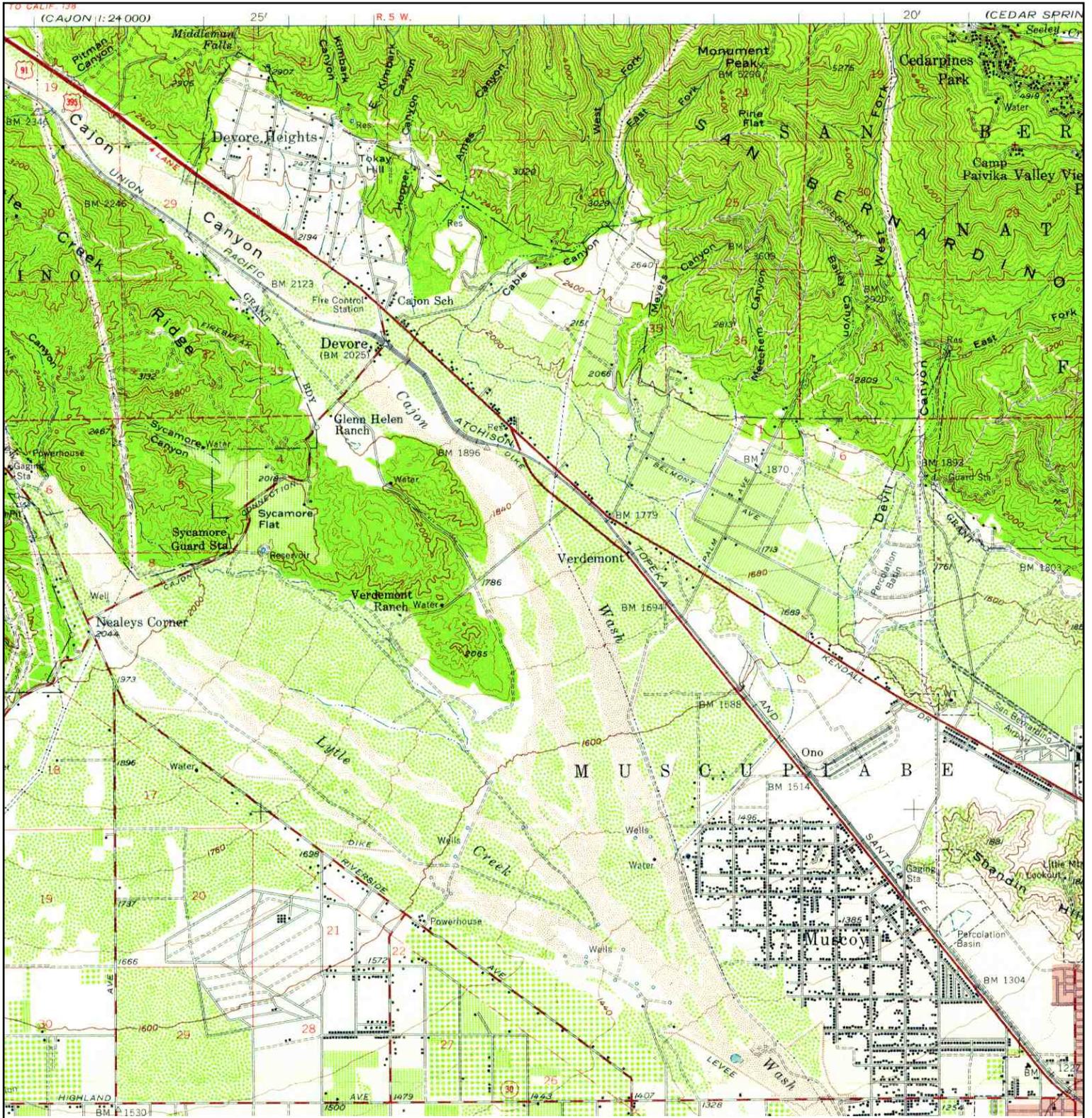
	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Vulcan Materials Company	<b>CLIENT:</b> Brown & Caldwell Consultants
	<b>NAME:</b> SOUTHERN CA SHEET 1	<b>ADDRESS:</b> 19401 N. Cajon Boulevard	<b>CONTACT:</b> Brett Bennetts
	<b>MAP YEAR:</b> 1901	<b>San Bernardino, CA 92407</b>	<b>INQUIRY#:</b> 3059310.4
	<b>SERIES:</b> 60	<b>LAT/LONG:</b> 34.1991 / -117.3806	<b>RESEARCH DATE:</b> 05/04/2011
	<b>SCALE:</b> 1:250000		

# Historical Topographic Map



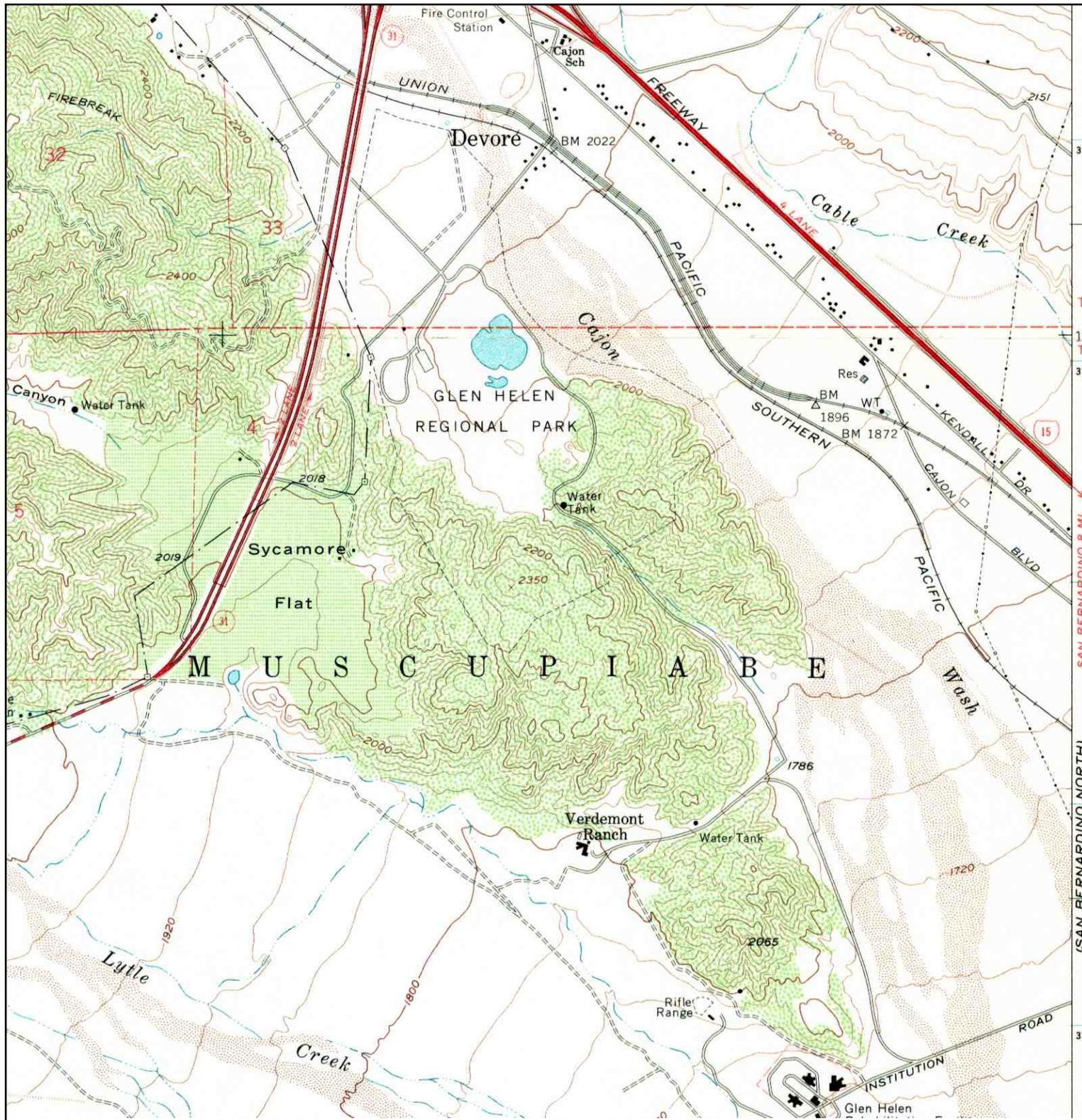
<p>N ↑</p>	<p><b>TARGET QUAD</b></p>	<p><b>SITE NAME:</b> Vulcan Materials Company</p>	<p><b>CLIENT:</b> Brown &amp; Caldwell Consultants</p>
	<p>NAME: SAN BERNARDINO</p>	<p>ADDRESS: 19401 N. Cajon Boulevard</p>	<p><b>CONTACT:</b> Brett Bennetts</p>
	<p>MAP YEAR: 1942</p>	<p>San Bernardino, CA 92407</p>	<p><b>INQUIRY#:</b> 3059310.4</p>
	<p>SERIES: 15</p>	<p>LAT/LONG: 34.1991 / -117.3806</p>	<p><b>RESEARCH DATE:</b> 05/04/2011</p>
	<p>SCALE: 1:50000</p>		

# Historical Topographic Map



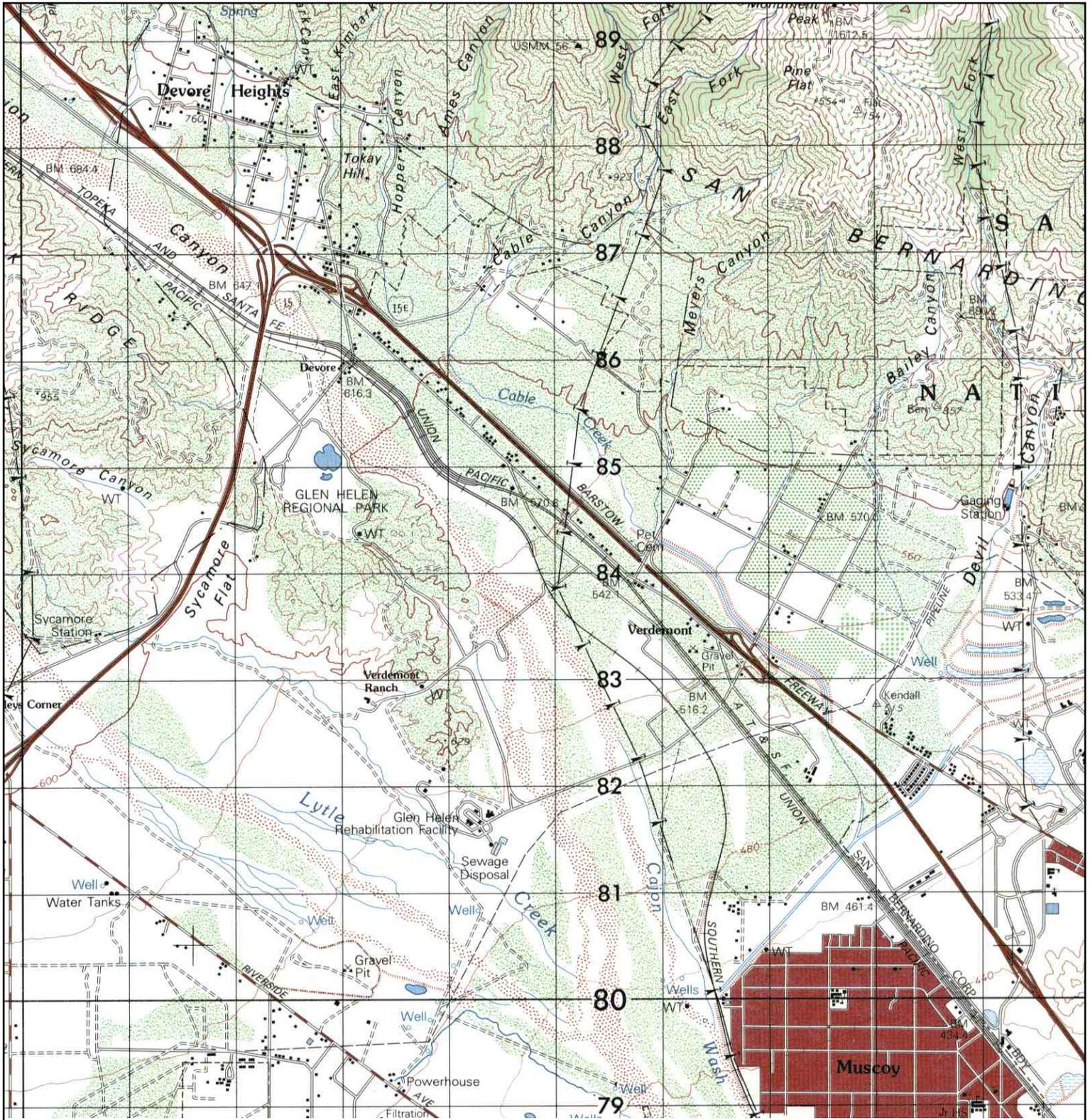
	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Vulcan Materials Company	<b>CLIENT:</b> Brown & Caldwell Consultants
	<b>NAME:</b> SAN BERNARDINO	<b>ADDRESS:</b> 19401 N. Cajon Boulevard	<b>CONTACT:</b> Brett Bennetts
	<b>MAP YEAR:</b> 1954	<b>San Bernardino, CA 92407</b>	<b>INQUIRY#:</b> 3059310.4
	<b>SERIES:</b> 15	<b>LAT/LONG:</b> 34.1991 / -117.3806	<b>RESEARCH DATE:</b> 05/04/2011
	<b>SCALE:</b> 1:62500		

# Historical Topographic Map



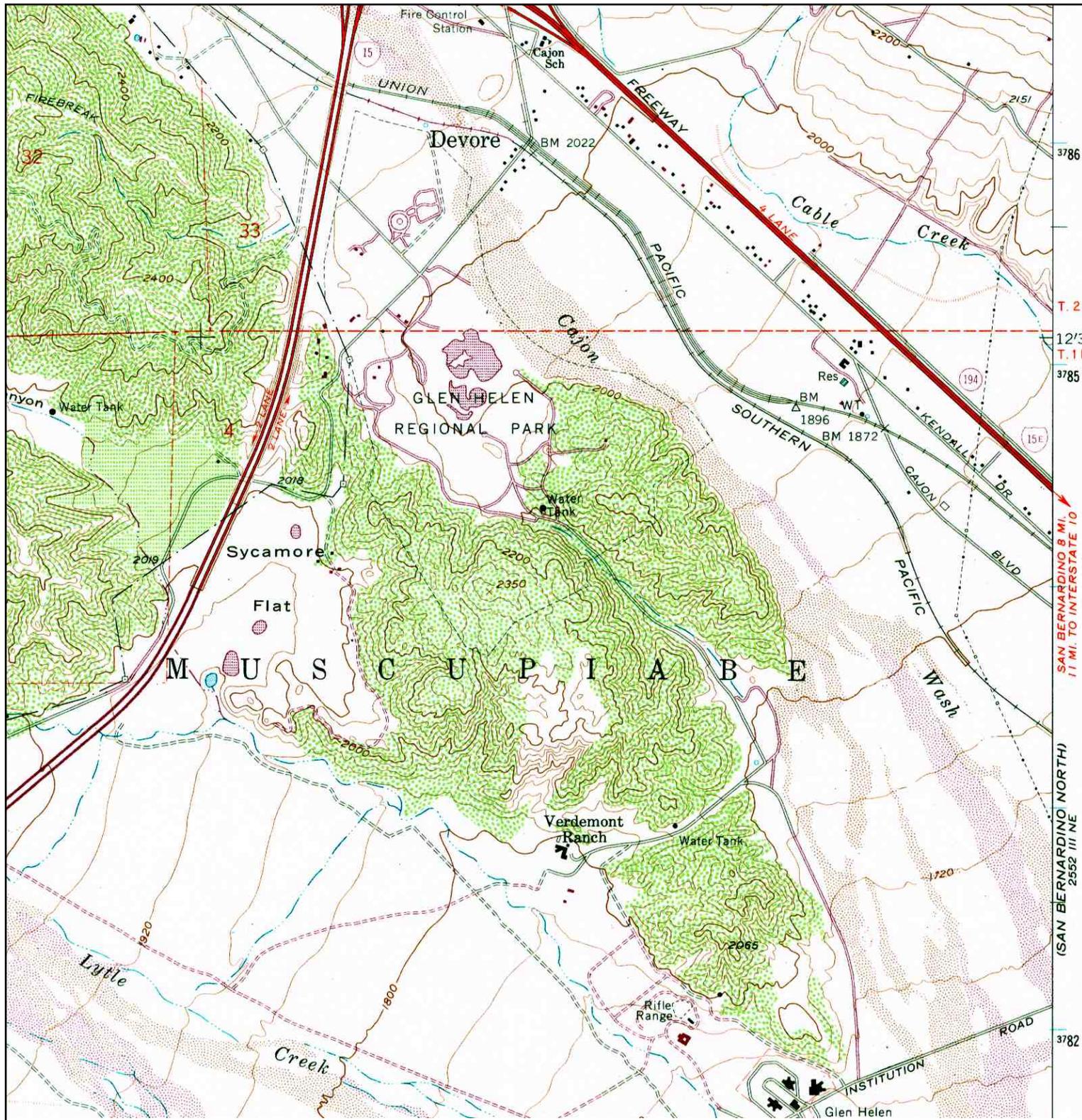
	<b>TARGET QUAD</b> NAME: DEVORE MAP YEAR: 1966	<b>SITE NAME:</b> Vulcan Materials Company <b>ADDRESS:</b> 19401 N. Cajon Boulevard San Bernardino, CA 92407 <b>LAT/LONG:</b> 34.1991 / -117.3806	<b>CLIENT:</b> Brown & Caldwell Consultants <b>CONTACT:</b> Brett Bennetts <b>INQUIRY#:</b> 3059310.4 <b>RESEARCH DATE:</b> 05/04/2011
	SERIES: 7.5 SCALE: 1:24000		

# Historical Topographic Map



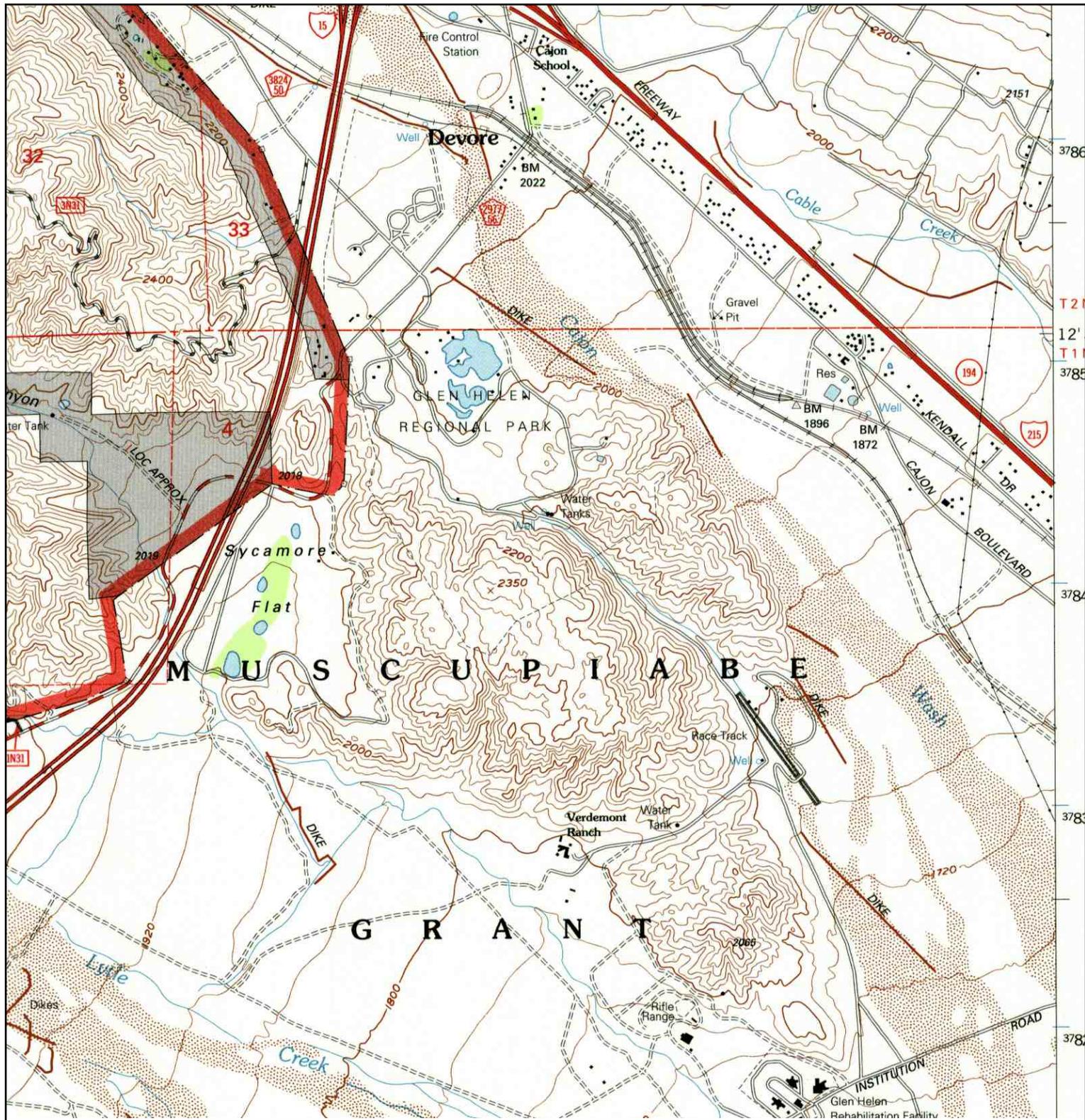
 N	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Vulcan Materials Company	<b>CLIENT:</b> Brown & Caldwell Consultants
	<b>NAME:</b> SAN BERNARDINO	<b>ADDRESS:</b> 19401 N. Cajon Boulevard	<b>CONTACT:</b> Brett Bennetts
	<b>MAP YEAR:</b> 1975	<b>SAN BERNARDINO</b> San Bernardino, CA 92407	<b>INQUIRY#:</b> 3059310.4
	<b>SERIES:</b> 15	<b>LAT/LONG:</b> 34.1991 / -117.3806	<b>RESEARCH DATE:</b> 05/04/2011
	<b>SCALE:</b> 1:50000		

# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Vulcan Materials Company	<b>CLIENT:</b> Brown & Caldwell Consultants
	NAME: DEVORE	<b>ADDRESS:</b> 19401 N. Cajon Boulevard	<b>CONTACT:</b> Brett Bennetts
	MAP YEAR: 1980	San Bernardino, CA 92407	<b>INQUIRY#:</b> 3059310.4
	PHOTOREVISED: 1966	<b>LAT/LONG:</b> 34.1991 / -117.3806	<b>RESEARCH DATE:</b> 05/04/2011
	SERIES: 7.5		
	SCALE: 1:24000		

# Historical Topographic Map



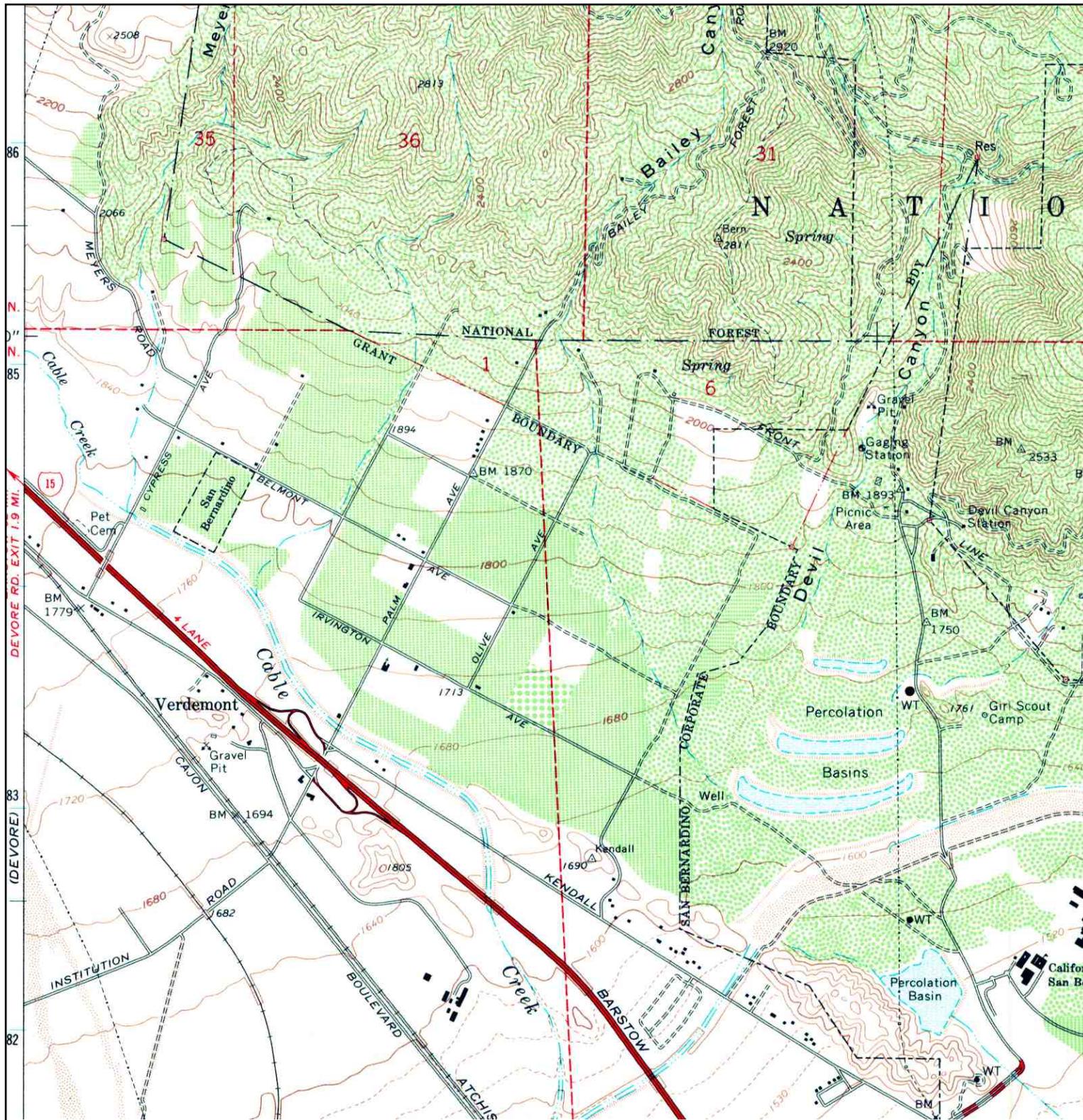
	<b>TARGET QUAD</b> NAME: DEVORE MAP YEAR: 1996	SITE NAME: Vulcan Materials Company ADDRESS: 19401 N. Cajon Boulevard San Bernardino, CA 92407 LAT/LONG: 34.1991 / -117.3806	CLIENT: Brown & Caldwell Consultants CONTACT: Brett Bennetts INQUIRY#: 3059310.4 RESEARCH DATE: 05/04/2011
	SERIES: 7.5 SCALE: 1:24000		

# Historical Topographic Map



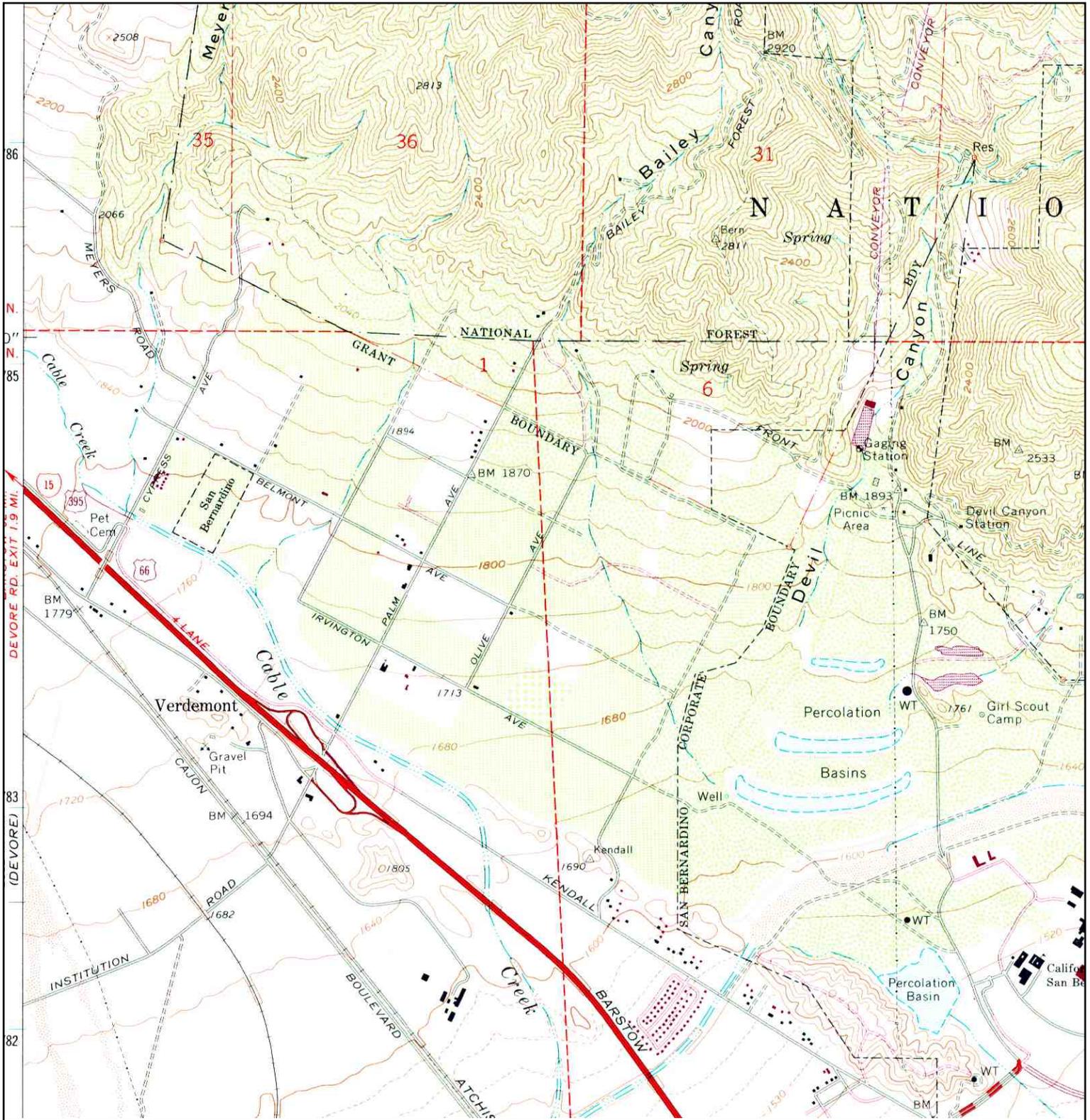
<p>N</p>	<p><b>ADJOINING QUAD</b></p>	<p><b>SITE NAME:</b> Vulcan Materials Company</p>	<p><b>CLIENT:</b> Brown &amp; Caldwell Consultants</p>
	<p>NAME: SAN BERNARDINO NORTH</p>	<p>ADDRESS: 19401 N. Cajon Boulevard San Bernardino, CA 92407</p>	<p>CONTACT: Brett Bennetts</p>
	<p>MAP YEAR: 1954</p>	<p>LAT/LONG: 34.1991 / -117.3806</p>	<p>INQUIRY#: 3059310.4</p>
	<p>SERIES: 7.5</p>		<p>RESEARCH DATE: 05/04/2011</p>
	<p>SCALE: 1:24000</p>		

# Historical Topographic Map



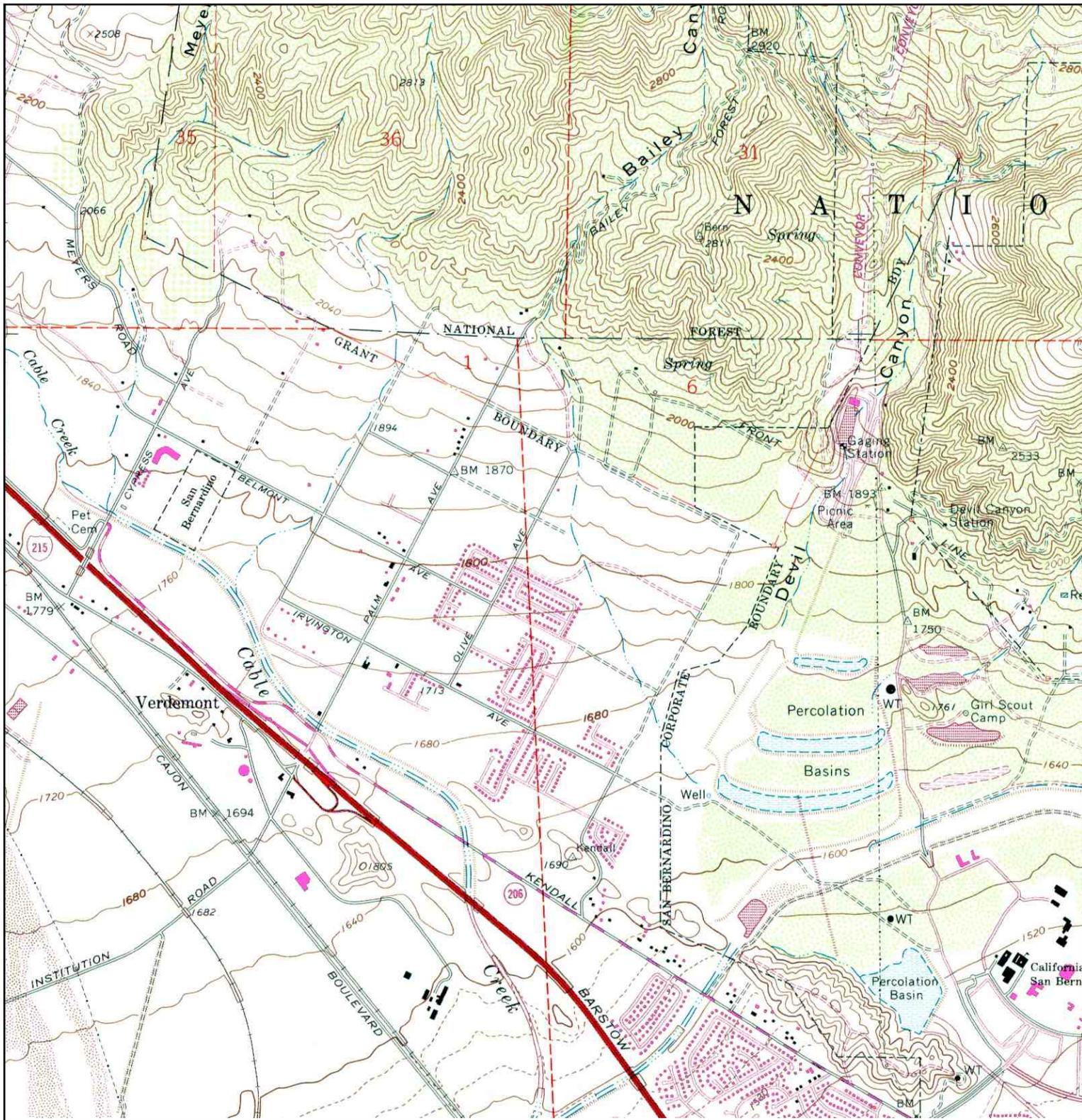
<p>N</p>	ADJOINING QUAD	SITE NAME:	CLIENT:
	NAME: SAN BERNARDINO NORTH	Vulcan Materials Company	Brown & Caldwell Consultants
	MAP YEAR: 1967	ADDRESS: 19401 N. Cajon Boulevard San Bernardino, CA 92407	CONTACT: Brett Bennetts
	SERIES: 7.5	LAT/LONG: 34.1991 / -117.3806	INQUIRY#: 3059310.4
	SCALE: 1:24000		RESEARCH DATE: 05/04/2011

# Historical Topographic Map



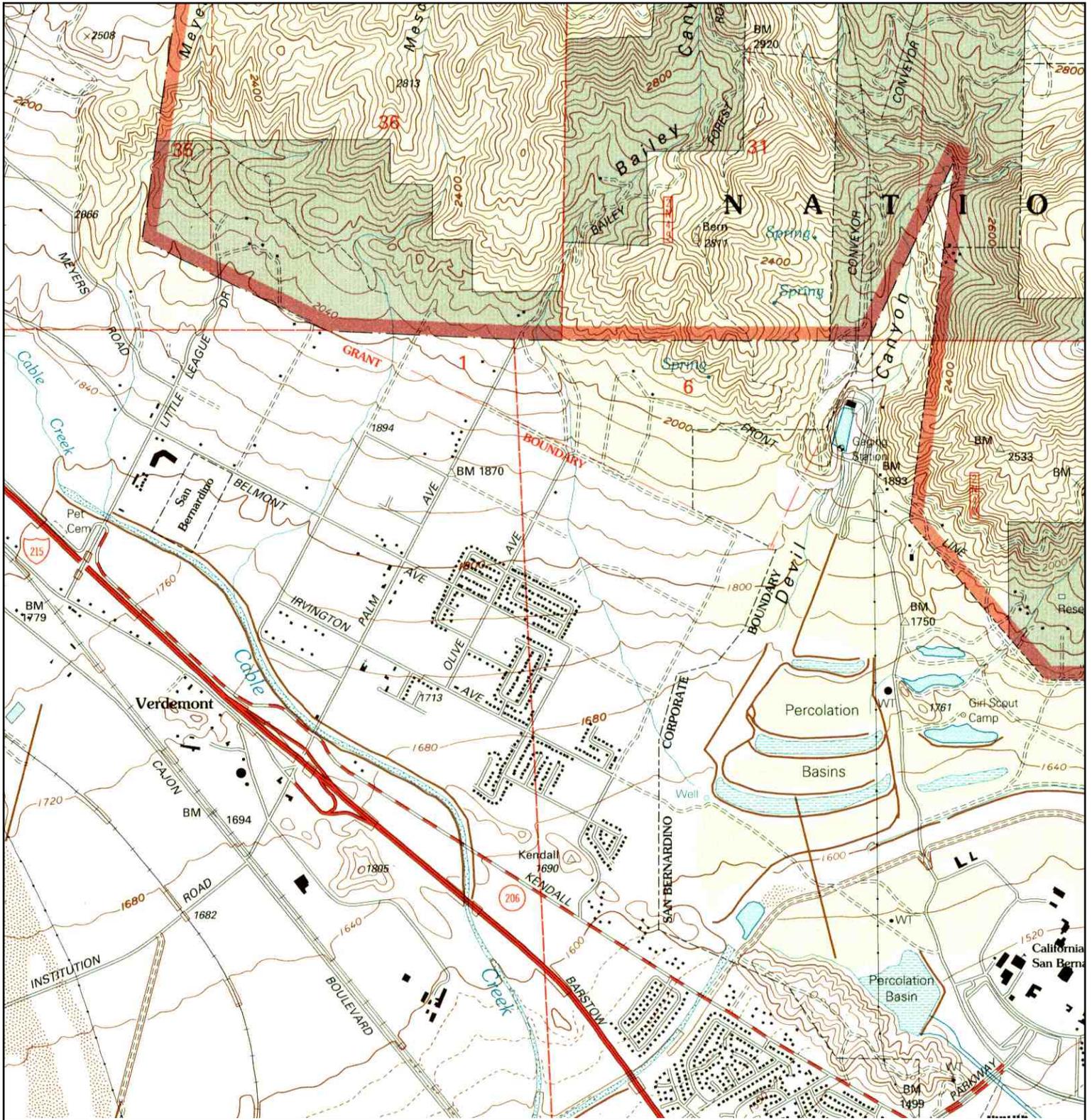
<b>N</b> 	<b>ADJOINING QUAD</b>	<b>SITE NAME:</b> Vulcan Materials Company	<b>CLIENT:</b> Brown & Caldwell Consultants
	NAME: SAN BERNARDINO NORTH	<b>ADDRESS:</b> 19401 N. Cajon Boulevard San Bernardino, CA 92407	<b>CONTACT:</b> Brett Bennetts
	MAP YEAR: 1973	<b>LAT/LONG:</b> 34.1991 / -117.3806	<b>INQUIRY#:</b> 3059310.4
	PHOTOREVISED: 1967		<b>RESEARCH DATE:</b> 05/04/2011
	SERIES: 7.5		
	SCALE: 1:24000		

# Historical Topographic Map



<p>N</p>	<p><b>ADJOINING QUAD</b></p>	<p><b>SITE NAME:</b> Vulcan Materials Company</p>	<p><b>CLIENT:</b> Brown &amp; Caldwell Consultants</p>
	<p>NAME: SAN BERNARDINO NORTH</p>	<p>ADDRESS: 19401 N. Cajon Boulevard</p>	<p>CONTACT: Brett Bennetts</p>
	<p>MAP YEAR: 1988</p>	<p>SAN BERNARDINO, CA 92407</p>	<p>INQUIRY#: 3059310.4</p>
	<p>PHOTOREVISED: 1967</p>	<p>LAT/LONG: 34.1991 / -117.3806</p>	<p>RESEARCH DATE: 05/04/2011</p>
	<p>SERIES: 7.5</p>		
	<p>SCALE: 1:24000</p>		

# Historical Topographic Map



<p><b>N</b></p>	<b>ADJOINING QUAD</b>	<b>SITE NAME:</b> Vulcan Materials Company	<b>CLIENT:</b> Brown & Caldwell Consultants
	<b>NAME:</b> SAN BERNARDINO NORTH	<b>ADDRESS:</b> 19401 N. Cajon Boulevard San Bernardino, CA 92407	<b>CONTACT:</b> Brett Bennetts
	<b>MAP YEAR:</b> 1996	<b>LAT/LONG:</b> 34.1991 / -117.3806	<b>INQUIRY#:</b> 3059310.4
	<b>SERIES:</b> 7.5		<b>RESEARCH DATE:</b> 05/04/2011
	<b>SCALE:</b> 1:24000		

## APPENDIX J

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### **Sanborn or Other Fire Insurance Maps**



**Vulcan Materials Company**

19401 N. Cajon Boulevard  
San Bernardino, CA 92407

Inquiry Number: 3059310.3  
May 04, 2011

## Certified Sanborn® Map Report

# Certified Sanborn® Map Report

5/04/11

**Site Name:**

Vulcan Materials Company  
19401 N. Cajon Boulevard  
San Bernardino, CA 92407

**Client Name:**

Brown & Caldwell Consultants  
9665 Chesapeake Drive  
San Diego, CA 92123



EDR Inquiry # 3059310.3

Contact: Brett Bennetts

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Brown & Caldwell Consultants 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](http://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:** Vulcan Materials Company  
**Address:** 19401 N. Cajon Boulevard  
**City, State, Zip:** San Bernardino, CA 92407  
**Cross Street:**  
**P.O. #** 140962  
**Project:** Vulcan Area D, E & F  
**Certification #** 48AA-4472-BFA1



Sanborn® Library search results  
Certification # 48AA-4472-BFA1

## 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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## APPENDIX K

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### Property Tax Map

**Vulcan Materials Company**

19401 N. Cajon Boulevard  
San Bernardino, CA 92407

Inquiry Number: 3059310.8  
May 04, 2011

# The EDR Property Tax Map Report

## EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

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

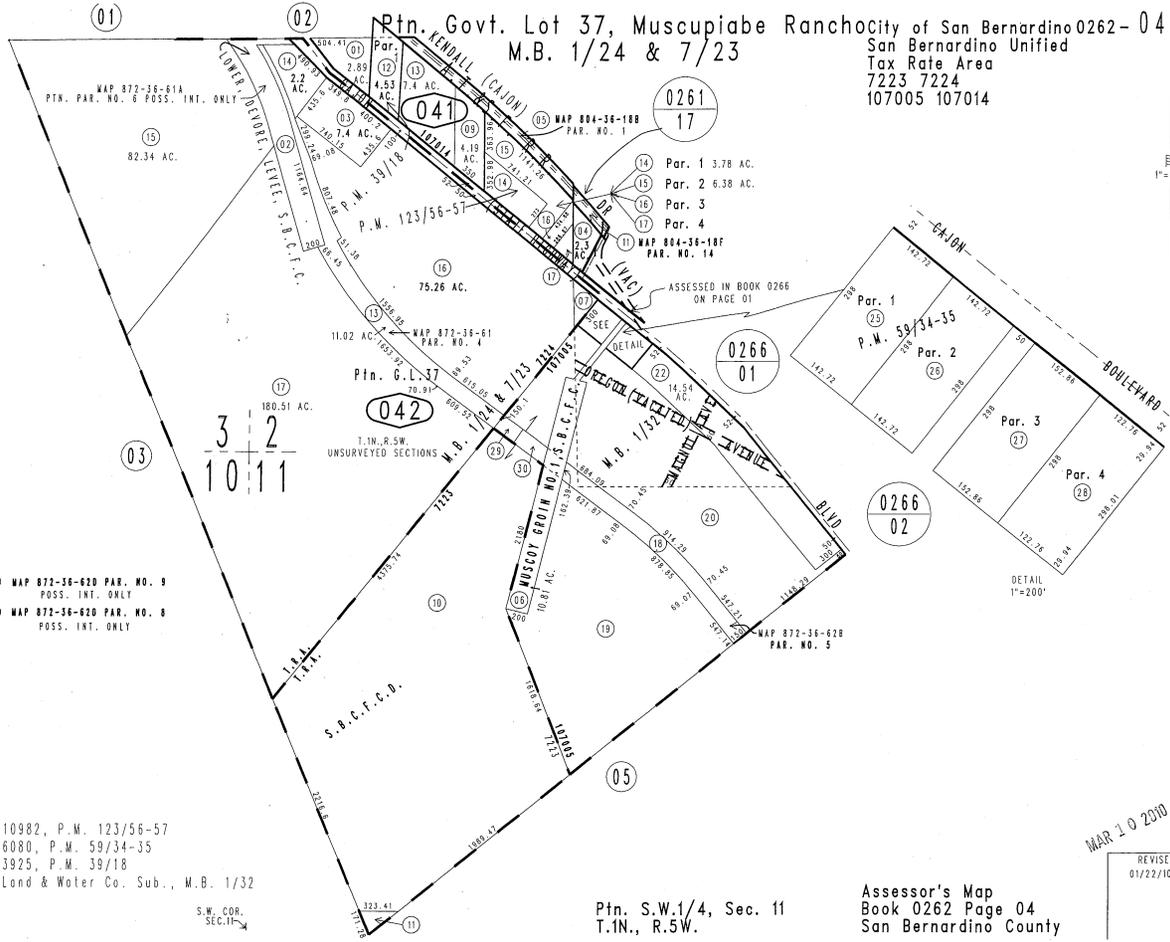
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THIS MAP IS FOR THE PURPOSE OF AD VALOREM TAXATION ONLY.



- 30 WAP 872-36-620 PAR. NO. 9  
POSS. INT. ONLY
- 29 WAP 872-36-620 PAR. NO. 8  
POSS. INT. ONLY

Parcel Map No. 10982, P.M. 123/56-57  
 Parcel Map No. 6080, P.M. 59/34-35  
 Parcel Map No. 3925, P.M. 39/18  
 Ptn. Irvington Land & Water Co. Sub., M.B. 1/32

September 2004

S.W. COR.  
Sec. 11

Ptn. S.W.1/4, Sec. 11  
T.1N., R.5W.

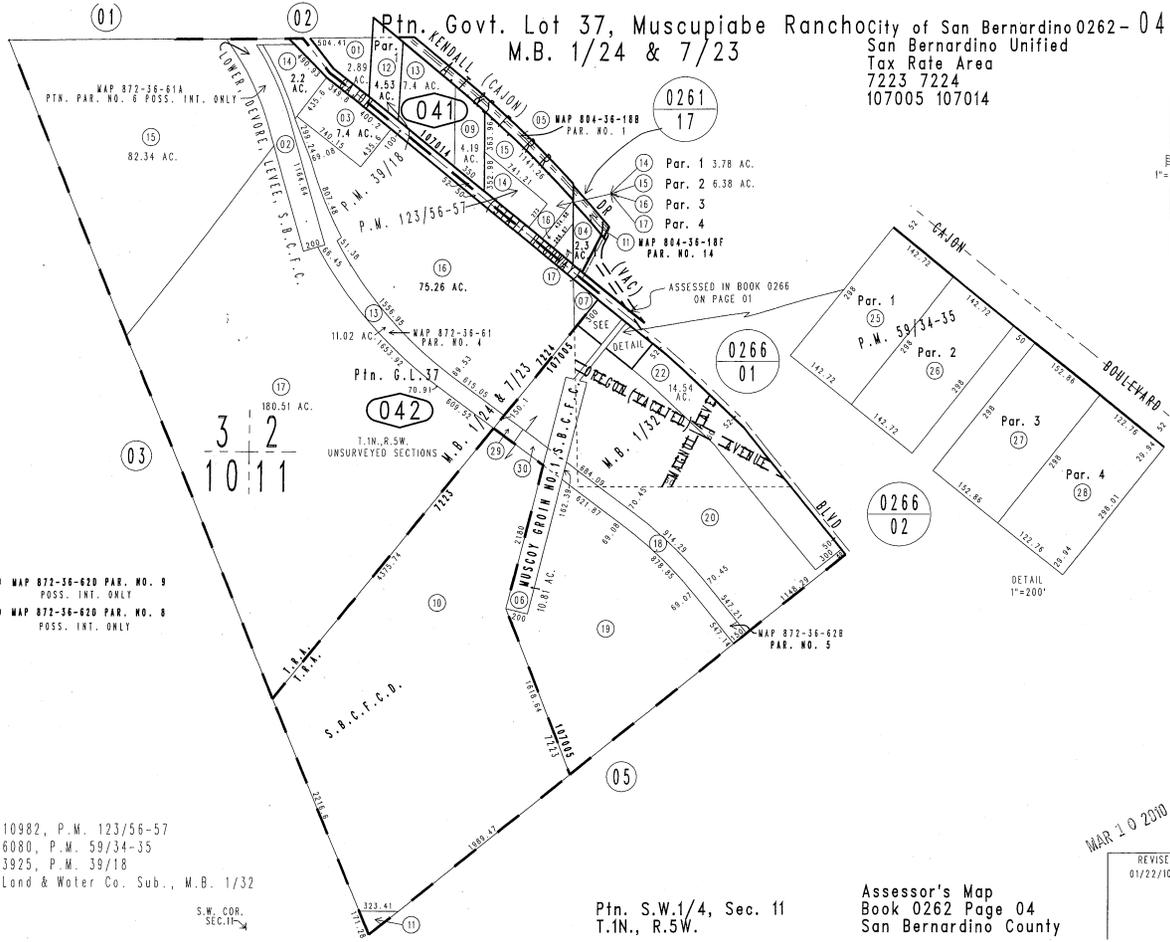
Assessor's Map  
Book 0262 Page 04  
San Bernardino County

MAR 10 2010

REVISED  
01/22/10 BK



THIS MAP IS FOR THE PURPOSE OF AD VALOREM TAXATION ONLY.



September 2004

S.W. COR.  
Sec. 11

MAR 10 2010



## APPENDIX L

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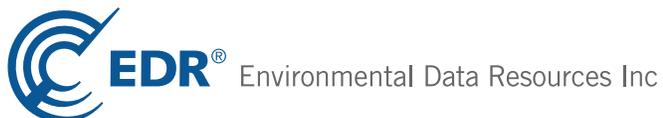
### **Database Search Report**

**Vulcan Materials Company**

19401 N. Cajon Boulevard  
San Bernardino, CA 92407

Inquiry Number: 3059310.2s  
May 04, 2011

# The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road  
Milford, CT 06461  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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 <b><u>GEOCHECK ADDENDUM</u></b>	
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***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

19401 N. CAJON BOULEVARD  
SAN BERNARDINO, CA 92407

#### COORDINATES

Latitude (North): 34.199100 - 34° 11' 56.8"  
Longitude (West): 117.380600 - 117° 22' 50.2"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 464933.8  
UTM Y (Meters): 3784102.5  
Elevation: 1822 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 34117-B4 DEVORE, CA  
Most Recent Revision: 1988  
  
East Map: 34117-B3 SAN BERNARDINO NORTH, CA  
Most Recent Revision: 1988

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2006, 2005  
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:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
CENTRAL SERVICES FACILITY 19401 N CAJON BLVD SAN BERNARDINO, CA 92407	NPDES San Bern. Co. Permit	N/A
CAL MAT CO DBA VULCAN MATERIALS - 19401 CAJON BLVD SAN BERNARDINO, CA 92407	DRYCLEANERS HAZNET	N/A
VULCAN MATERIALS 19401 CAJON BLVD SAN BERNARDINO, CA 92407	NPDES WDS	N/A

## EXECUTIVE SUMMARY

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

#### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

#### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing

#### ***Federal CERCLIS NFRAP site List***

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

#### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

#### ***Federal RCRA non-CORRACTS TSD facilities list***

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

#### ***Federal RCRA generators list***

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

#### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

#### ***State- and tribal - equivalent NPL***

RESPONSE..... State Response Sites

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

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

# EXECUTIVE SUMMARY

## ***State and tribal leaking storage tank lists***

LUST..... Geotracker's Leaking Underground Fuel Tank Report  
SLIC..... Statewide SLIC Cases  
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***

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

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

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

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

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

### ***Local Lists of Hazardous waste / Contaminated Sites***

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

### ***Local Lists of Registered Storage Tanks***

CA FID UST..... Facility Inventory Database  
HIST UST..... Hazardous Substance Storage Container Database

### ***Local Land Records***

LIENS 2..... CERCLA Lien Information  
LUCIS..... Land Use Control Information System  
LIENS..... Environmental Liens Listing  
DEED..... Deed Restriction Listing

## EXECUTIVE SUMMARY

### **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
UMTRA.....	Uranium Mill Tailings Sites
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
HIST CORTESE.....	Hazardous Waste & Substance Site List
Notify 65.....	Proposition 65 Records
WIP.....	Well Investigation Program Case List
EMI.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
PROC.....	Certified Processors Database
MWMP.....	Medical Waste Management Program Listing
COAL ASH DOE.....	Seam-Electric Plan Operation Data

### **EDR PROPRIETARY RECORDS**

#### ***EDR Proprietary Records***

Manufactured Gas Plants.....	EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations.....	EDR Proprietary Historic Gas Stations
EDR Historical Cleaners.....	EDR Proprietary Historic Dry Cleaners

### **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

## EXECUTIVE SUMMARY

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

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

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

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

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 12/31/2010 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>NEWMARK GROUND WATER CONTAMINABUNKER HILL GROUND WATE</i></b>	<b><i>SE</i></b>	<b><i>1/4 - 1/2 (0.274 mi.)</i></b>	<b><i>0</i></b>	<b><i>12</i></b>

#### ***Federal CERCLIS list***

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

A review of the CERCLIS list, as provided by EDR, and dated 02/25/2011 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>NEWMARK GROUND WATER CONTAMINABUNKER HILL GROUND WATE</i></b>	<b><i>SE</i></b>	<b><i>1/4 - 1/2 (0.274 mi.)</i></b>	<b><i>0</i></b>	<b><i>12</i></b>

#### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 01/05/2011 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>NEWMARK GROUND WATER CONTAMINABUNKER HILL GROUND WATE</i></b>	<b><i>SE</i></b>	<b><i>1/4 - 1/2 (0.274 mi.)</i></b>	<b><i>0</i></b>	<b><i>12</i></b>

## EXECUTIVE SUMMARY

US INST CONTROL: 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.

A review of the US INST CONTROL list, as provided by EDR, and dated 01/05/2011 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NEWMARK GROUND WATER CONTAMINABUNKER HILL GROUND WATE</b>	<b>SE 1/4 - 1/2 (0.274 mi.)</b>	<b>0</b>	<b>12</b>	

### ***State- and tribal - equivalent CERCLIS***

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 03/15/2011 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CESAR CHAVEZ MIDDLE SCHOOL</b> Status: No Further Action	<b>3400 BELMONT AVENUE</b>	<b>ENE 1/2 - 1 (0.960 mi.)</b>	<b>8</b>	<b>32</b>

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Lists of Registered Storage Tanks***

SWEEPS UST: 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.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>AL-JOE LUMBER COMPANY</b>	<b>19416 CAJON BLVD</b>	<b>NNW 0 - 1/8 (0.116 mi.)</b>	<b>B4</b>	<b>30</b>

## EXECUTIVE SUMMARY

### ***Other Ascertainable Records***

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 02/25/2011 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NEWMARK GROUND WATER CONTAMINABUNKER HILL GROUND WATESE</b>		<b>1/4 - 1/2 (0.274 mi.)</b>	<b>0</b>	<b>12</b>

San Bern. Co. Permit: San Bernardino County Fire Department Hazardous Materials Division.

A review of the San Bern. Co. Permit list, as provided by EDR, and dated 03/10/2011 has revealed that there are 4 San Bern. Co. Permit sites within approximately 0.25 miles of the target property.

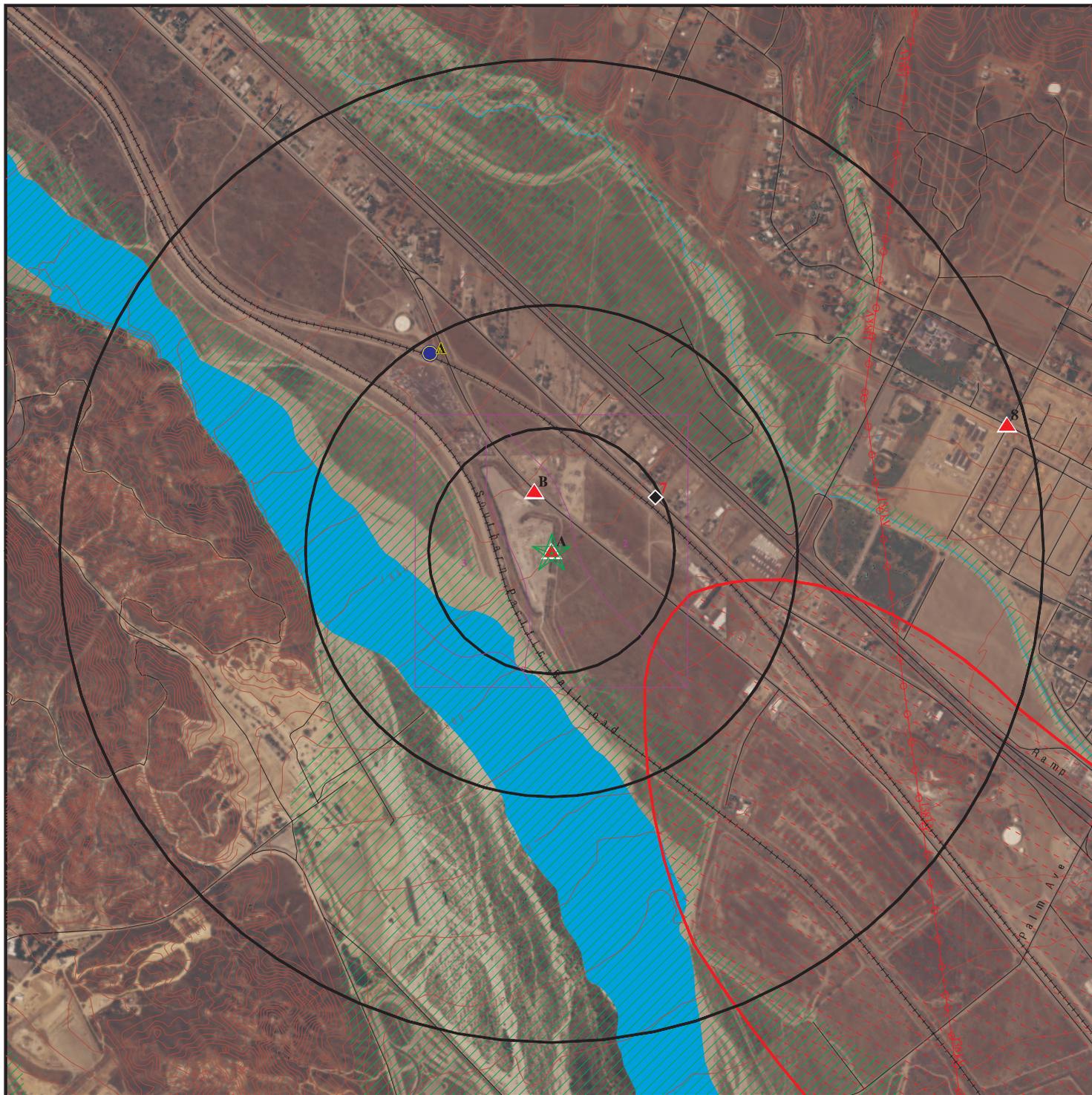
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>AL-JOE LUMBER COMPANY</b>	<b>19416 CAJON BLVD</b>	<b>NNW 0 - 1/8 (0.116 mi.)</b>	<b>B4</b>	<b>30</b>
G & G AUTO DISMANTLERS	19407 CAJON BLVD UNIT B	NNW 1/8 - 1/4 (0.127 mi.)	B5	31
GRAND CENTRAL STATION AUTO PAR	19407 CAJON BLVD STE A	NNW 1/8 - 1/4 (0.127 mi.)	B6	31
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RATCHET & HATCHET TOWING	19612 KENDALL DR	ENE 1/8 - 1/4 (0.238 mi.)	7	32

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 15 records.

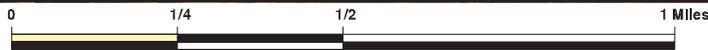
<u>Site Name</u>	<u>Database(s)</u>
CAJON LANDFILL	HIST CORTESE
FORT IRWIN LUCKY FUSE DISPOSAL	WMUDS/SWAT, HIST CORTESE, CHMIRS
SCE, ETIWANDA GENERATING STAT.	Toxic Pits
CAJON SOLID WASTE DISPOSAL SITE	SWF/LF
BLACKLAND PROPERTIES SITE	SWF/LF
CEDAR SPRINGS DISPOSAL SITE	SWF/LF
FED EX FREIGHT WEST	AST
SCE-SHANDIN SUBSTATION	AST, San Bern. Co. Permit
CALTRANS	RCRA-SQG, FINDS, HAZNET
FED EX FREIGHT WEST	San Bern. Co. Permit
EL DORADO CLEANERS	San Bern. Co. Permit
CALNEV PIPELINE COMPANY	SLIC
HI-GRADE MATERIALS CO.	MINES
VULCAN MATERIALS CO.	MINES
VULCAN MATERIALS CO.	MINES

# OVERVIEW MAP - 3059310.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ Areas of Concern



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

SITE NAME: Vulcan Materials Company  
 ADDRESS: 19401 N. Cajon Boulevard  
 San Bernardino CA 92407  
 LAT/LONG: 34.1991 / 117.3806

CLIENT: Brown & Caldwell Consultants  
 CONTACT: Brett Bennetts  
 INQUIRY #: 3059310.2s  
 DATE: May 04, 2011 2:11 pm

# DETAIL MAP - 3059310.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

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

<p>SITE NAME: Vulcan Materials Company          ADDRESS: 19401 N. Cajon Boulevard          San Bernardino CA 92407          LAT/LONG: 34.1991 / 117.3806</p>	<p>CLIENT: Brown &amp; Caldwell Consultants          CONTACT: Brett Bennetts          INQUIRY #: 3059310.2s          DATE: May 04, 2011 2:12 pm</p>
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## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL		1.000	0	0	1	0	NR	1
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS		0.500	0	0	1	NR	NR	1
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS		1.000	0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS		0.500	0	0	1	NR	NR	1
US INST CONTROL		0.500	0	0	1	NR	NR	1
<b><i>Federal ERNS list</i></b>								
ERNS		TP	NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL</i></b>								
RESPONSE		1.000	0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
ENVIROSTOR		1.000	0	0	0	1	NR	1
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF		0.500	0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST		0.500	0	0	0	NR	NR	0
SLIC		0.500	0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST		0.500	0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
HAULERS		TP	NR	NR	NR	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL		TP	NR	NR	NR	NR	NR	0
HIST Cal-Sites		1.000	0	0	0	0	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
CA FID UST		0.250	0	0	NR	NR	NR	0
HIST UST		0.250	0	0	NR	NR	NR	0
SWEEPS UST		0.250	1	0	NR	NR	NR	1
<b>Local Land Records</b>								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS		TP	NR	NR	NR	NR	NR	0
CHMIRS		TP	NR	NR	NR	NR	NR	0
LDS		TP	NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS		TP	NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	1	0	NR	1
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN		1.000	0	0	0	0	NR	0
WDS	X	TP	NR	NR	NR	NR	NR	0
NPDES	X	TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	0	0	NR	NR	0
HIST CORTESE		0.500	0	0	0	NR	NR	0
Notify 65		1.000	0	0	0	0	NR	0
DRYCLEANERS	X	0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
San Bern. Co. Permit	X	0.250	1	3	NR	NR	NR	4
HAZNET	X	TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
HWP		1.000	0	0	0	0	NR	0
HWT		0.250	0	0	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
PROC		0.500	0	0	0	NR	NR	0
MWMP		0.250	0	0	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
<b>EDR PROPRIETARY RECORDS</b>								
<b>EDR Proprietary Records</b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A1**      **CENTRAL SERVICES FACILITY**  
**Target**    **19401 N CAJON BLVD**  
**Property**   **SAN BERNARDINO, CA 92407**

**NPDES**    **S107863432**  
**San Bern. Co. Permit**    **N/A**

**Site 1 of 3 in cluster A**

**Actual:**  
**1822 ft.**

**NPDES:**  
Npdes Number: CAS000002  
Facility Status: Terminated  
Agency Id: Not reported  
Region: 8  
Regulatory Measure Id: Not Availa  
Order No: Not reported  
Regulatory Measure Type: Enrollee  
Place Id: Not Availa  
WDID: 8 36C346652  
Program Type: Construction  
Adoption Date Of Regulatory Measure: N/A  
Effective Date Of Regulatory Measure: 4/23/2007 3:08:00 PM  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: 4/5/2010  
Discharge Name: Vulcan Materials Co  
Discharge Address: 19401 N Cajon Blvd  
Discharge City: San Bernardino  
Discharge State: Ca  
Discharge Zip: 92407

**San Bern. Co. Permit:**

Region: SAN BERNARDINO  
Facility ID: FA0010129  
Owner: VULCAN MATERIALS  
Permit Number: PT0017589  
Permit Category: SPECIAL GENERATOR(B)  
Facility Status: ACTIVE  
Expiration Date: 2011-05-31 00:00:00  
  
Region: SAN BERNARDINO  
Facility ID: FA0010129  
Owner: VULCAN MATERIALS  
Permit Number: PT0017590  
Permit Category: HAZMAT HANDLER 11-25 EMPLOYEEES  
Facility Status: ACTIVE  
Expiration Date: 2011-05-31 00:00:00

**A2**      **CAL MAT CO DBA VULCAN MATERIALS - CAJON CREEK**  
**Target**    **19401 CAJON BLVD**  
**Property**   **SAN BERNARDINO, CA 92407**

**DRYCLEANERS**    **S106661506**  
**HAZNET**        **N/A**

**Site 2 of 3 in cluster A**

**Actual:**  
**1822 ft.**

**DRYCLEANERS:**  
EPA Id: CAL000284210  
NAICS Code: 81149  
NAICS Description: Other Personal and Household Goods Repair and Maintenance  
SIC Code: 7219  
SIC Description: Laundry and Garment Services, NEC (alteration and repair)  
Create Date: 7/8/2004 11:22:00 AM  
Facility Active: Yes  
Inactive Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CAL MAT CO DBA VULCAN MATERIALS - CAJON CREEK (Continued)**

**S106661506**

Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 3200 SAN FERNANDO RD  
Mailing Address 2: Not reported  
Mailing State: CA  
Mailing Zip: 900650000  
Region Code: 4  
Owner Name: CALMAT CO. DBA VULCAN MATERIALS CO.  
Owner Address: 3200 SAN FERNANDO RD  
Owner Address 2: Not reported  
Owner Telephone: 3232582777  
Contact Name: C ST. JOHN, L.A. REGION ENVIR.  
Contact Address: 3200 SAN FERNANDO RD  
Contact Address 2: Not reported  
Contact Telephone: 3232582777

**HAZNET:**

Year: 2009  
Gepaid: CAL000284210  
Contact: C ST. JOHN, L.A. REGION ENVIR.  
Telephone: 3232582777  
Mailing Name: Not reported  
Mailing Address: 3200 SAN FERNANDO RD  
Mailing City,St,Zip: LOS ANGELES, CA 900650000  
Gen County: San Bernardino  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Waste Category: Unspecified aqueous solution  
Disposal Method: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION,  
ORGANICS RECOVERY ECT  
Tons: 0.231  
Facility County: San Bernardino

Year: 2009  
Gepaid: CAL000284210  
Contact: C ST. JOHN, L.A. REGION ENVIR.  
Telephone: 3232582777  
Mailing Name: Not reported  
Mailing Address: 3200 SAN FERNANDO RD  
Mailing City,St,Zip: LOS ANGELES, CA 900650000  
Gen County: San Bernardino  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Waste Category: Waste oil and mixed oil  
Disposal Method: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION,  
ORGANICS RECOVERY ECT  
Tons: 0.418  
Facility County: San Bernardino

Year: 2009  
Gepaid: CAL000284210  
Contact: C ST. JOHN, L.A. REGION ENVIR.  
Telephone: 3232582777  
Mailing Name: Not reported  
Mailing Address: 3200 SAN FERNANDO RD  
Mailing City,St,Zip: LOS ANGELES, CA 900650000  
Gen County: San Bernardino

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CAL MAT CO DBA VULCAN MATERIALS - CAJON CREEK (Continued)**

**S106661506**

TSD EPA ID: NVT330010000  
 TSD County: 99  
 Waste Category: Other organic solids  
 Disposal Method: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)  
 Tons: 1  
 Facility County: San Bernardino

Year: 2008  
 Gepaid: CAL000284210  
 Contact: C ST. JOHN, L.A. REGION ENVIR.  
 Telephone: 3232582777  
 Mailing Name: Not reported  
 Mailing Address: 3200 SAN FERNANDO RD  
 Mailing City,St,Zip: LOS ANGELES, CA 900650000  
 Gen County: San Bernardino  
 TSD EPA ID: NVT330010000  
 TSD County: 99  
 Waste Category: Waste oil and mixed oil  
 Disposal Method: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT  
 Tons: 1.045  
 Facility County: San Bernardino

Year: 2008  
 Gepaid: CAL000284210  
 Contact: C ST. JOHN, L.A. REGION ENVIR.  
 Telephone: 3232582777  
 Mailing Name: Not reported  
 Mailing Address: 3200 SAN FERNANDO RD  
 Mailing City,St,Zip: LOS ANGELES, CA 900650000  
 Gen County: San Bernardino  
 TSD EPA ID: NVT330010000  
 TSD County: 99  
 Waste Category: Other organic solids  
 Disposal Method: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)  
 Tons: 0.25  
 Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access 12 additional CA\_HAZNET: record(s) in the EDR Site Report.

**A3** **VULCAN MATERIALS**  
**Target** **19401 CAJON BLVD**  
**Property** **SAN BERNARDINO, CA 92407**

**NPDES** **S106571527**  
**WDS** **N/A**

**Site 3 of 3 in cluster A**

**Actual:** NPDES:  
**1822 ft.** Npdes Number: CAS00001  
 Facility Status: Active  
 Agency Id: Not reported  
 Region: 8  
 Regulatory Measure Id: Not Availa  
 Order No: 97-03-DWQ  
 Regulatory Measure Type: Enrollee  
 Place Id: Not Availa

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VULCAN MATERIALS (Continued)**

**S106571527**

WDID: 8 36I018925  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: N/A  
Effective Date Of Regulatory Measure: 7/27/2004  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Vulcan Material dba Cal Mat Co  
Discharge Address: PO Box 2950  
Discharge City: Los Angeles  
Discharge State: Ca  
Discharge Zip: 90051

**CA WDS:**

Facility ID: Santa Ana River 36I018925  
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 8  
Facility Telephone: 3232582777  
Facility Contact: Brian Anderson  
Agency Name: CALMAT PROPERTIES CO.  
Agency Address: 3200 SAN FERNANDO ROAD  
Agency City,St,Zip: LOS ANGELES 90065  
Agency Contact: GEORGE COSBY  
Agency Telephone: Not reported  
Agency Type: Private  
SIC Code: 7538  
SIC Code 2: Not reported  
Primary Waste: Not reported  
Primary Waste Type: Not reported  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 0  
Baseline Flow: 0  
Reclamation: Not reported  
POTW: Not reported  
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NPL  
Region  
ESE  
1/4-1/2  
1445 ft.**

**NEWMARK GROUND WATER CONTAMINATION  
BUNKER HILL GROUND WATER BASIN  
SAN BERNARDINO, CA 92408**

**NPL 1000296132  
CERCLIS CAD981434517  
US ENG CONTROLS  
US INST CONTROL  
ROD  
FINDS**

NPL:

EPA ID: CAD981434517  
EPA Region: 09  
Federal: N  
Final Date: 3/31/1989

Category Details:

NPL Status: Currently on the Final NPL  
Category Description: Depth To Aquifer-<= 10 Feet  
Category Value: 1

NPL Status: Currently on the Final NPL  
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile  
Category Value: 10

Site Details:

Site Name: NEWMARK GROUND WATER CONTAMINATION  
Site Status: Final  
Site Zip: 92408  
Site City: SAN BERNARDINO  
Site State: CA  
Federal Site: No  
Site County: SAN BERNARDINO  
EPA Region: 09  
Date Proposed: 06/24/88  
Date Deleted: Not reported  
Date Finalized: 03/31/89

Substance Details:

NPL Status: Currently on the Final NPL  
Substance ID: U210  
Substance: TETRACHLOROETHENE  
CAS #: 127-18-4  
Pathway: GROUND WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: U227  
Substance: TRICHLOROETHANE, 1,1,2-  
CAS #: 79-00-5  
Pathway: GROUND WATER PATHWAY  
Scoring: 3

NPL Status: Currently on the Final NPL  
Substance ID: U228  
Substance: TRICHLOROETHYLENE (TCE)  
CAS #: 79-01-6  
Pathway: GROUND WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

Substance ID: Not reported  
Substance: Not reported  
CAS #: Not reported  
Pathway: Not reported  
Scoring: Not reported

NPL Status: Currently on the Final NPL  
Substance ID: U079  
Substance: TRANS-DICHLOROETHYLENE, 1,2-  
CAS #: 156-60-5  
Pathway: NO PATHWAY INDICATED  
Scoring: 1

NPL Status: Currently on the Final NPL  
Substance ID: U080  
Substance: METHYLENE CHLORIDE  
CAS #: 75-09-2  
Pathway: NO PATHWAY INDICATED  
Scoring: 1

NPL Status: Currently on the Final NPL  
Substance ID: U121  
Substance: TRICHLOROFLUOROMETHANE  
CAS #: 75-69-4  
Pathway: NO PATHWAY INDICATED  
Scoring: 1

Summary Details:

Conditions at proposal June 24, 1988): The four municipal supply wells of Newmark Well Field are in an area of approximately 700 square feet bounded by 48th Street, Magnolia Drive, Reservoir Drive, and the San Bernardino County Flood Control Channel in the Muscoy area north of San Bernardino, San Bernardino County, California. The San Bernardino Municipal Water Department was forced to close the four wells in the early 1980s when they were found to be contaminated with high levels of halogenated organic chemicals, including tetrachloroethylene, also known as perchloroethylene (PCE), and trichloroethylene (TCE). An August 1986 report by a consultant to the California Regional Water Quality Control Board identified possible contaminant sources. A midnight dumping operation from the late 1950s to early 1960s appears to be the most likely source of contamination. It is approximately 300 feet upgradient of the Newmark wells. The California Department of Health Services is installing air stripping towers to remove contaminants from ground water. The towers are scheduled to be in operation in mid-1988. An additional 10 municipal wells in San Bernardino have also been retired from service due to PCE/TCE contamination. An apparent hydrogeologic barrier, the Pelona Schist outcrop of the Shandin Hills, suggests that contamination of these 10 wells is originating from different sources. The 14 municipal wells that have already been retired from service served 25 percent of the city's total population, and additional wells are also threatened. The San Bernardino wells supply 80,000 people in the cities of San Bernardino and Loma Linda, and the loss of any additional wells could leave some areas without water. The municipal supply wells for Riverside also lie directly downgradient. No alternative water sources are currently available. Status March 31, 1989): The air stripping towers are now in operation.

Site Status Details:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

NPL Status: Final  
Proposed Date: 06/24/1988  
Final Date: 03/31/1989  
Deleted Date: Not reported

Narratives Details:

NPL Name: NEWMARK GROUND WATER CONTAMINATION  
City: SAN BERNARDINO  
State: CA

CERCLIS:

Site ID: 0902439  
EPA ID: CAD981434517  
Facility County: SAN BERNARDINO  
Short Name: NEWMARK GROUND WATER CONT  
Congressional District: 40  
IFMS ID: 09J5  
SMSA Number: 6780  
USGC Hydro Unit: 18070203  
Federal Facility: Not a Federal Facility  
DMNSN Number: Not reported  
Site Orphan Flag: N  
RCRA ID: Not reported  
USGS Quadrangle: Not reported  
Site Init By Prog: Not reported  
NFRAP Flag: Not reported  
Parent ID: Not reported  
RST Code: Not reported  
EPA Region: 09  
Classification: Not reported  
Site Settings Code: SU  
NPL Status: Currently on the Final NPL  
DMNSN Unit Code: Not reported  
RBRAC Code: Not reported  
RResp Fed Agency Code: Not reported  
Non NPL Status: Not reported  
Non NPL Status Date: Not reported  
Site Fips Code: 06071  
CC Concurrence Date: Not reported  
CC Concurrence FY: Not reported  
Alias EPA ID: Not reported  
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 9000106.00000  
Contact Name: Robert Mandel  
Contact Tel: (415) 972-3040  
Contact Title: On-Scene Coordinator (OSC)  
Contact Email: Not reported

Contact ID: 9270406.00000  
Contact Name: Kim Hoang  
Contact Tel: (415) 972-3147  
Contact Title: Remedial Project Manager (RPM)  
Contact Email: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

Contact ID: 9271184.00000  
Contact Name: Karen Jurist  
Contact Tel: (415) 972-3219  
Contact Title: Site Assessment Manager (SAM)  
Contact Email: Not reported

Contact ID: 9270048.00000  
Contact Name: Jeff Inglis  
Contact Tel: (415) 972-3095  
Contact Title: Site Assessment Manager (SAM)  
Contact Email: Not reported

Contact ID: 13002167.00000  
Contact Name: Carl Brickner  
Contact Tel: (415) 972-3814  
Contact Title: Site Assessment Manager (SAM)  
Contact Email: Not reported

Contact ID: 9270438.00000  
Contact Name: Dawn Richmond  
Contact Tel: (415) 972-3097  
Contact Title: Site Assessment Manager (SAM)  
Contact Email: Not reported

**CERCLIS Site Alias Name(s):**

Alias ID: 101  
Alias Name: NORTH SAN BERNARDINO MUSCOY SITE  
Alias Address: Not reported  
CA

Alias ID: 201  
Alias Name: SAN BERNARDINO - MUSCOY AREA  
Alias Address: Not reported  
CA

Alias ID: 301  
Alias Name: MUSCOY AREA - NORTH SAN BERNARDINO  
Alias Address: Not reported  
CA

Alias ID: 302  
Alias Name: NEWMARK GROUND WATER CONTAMINATION  
Alias Address: BUNKER HILL GROUND WATER BASIN  
SAN BERNARDINO, CA 92408

Alias ID: 101  
Alias ID: 301  
Alias ID: 201  
Alias Comments: PREVIOUS EPA ID# AZD 981 416 977PREVIOUS EPA ID# AZD 981 416 977PREVIOUS EPA ID# AZD 981 416 977

Site Description: In 1980, the California Department of Health Services (DHS) initiated a monitoring program in San Bernardino to test for the presence of industrial chemicals in the water from public supply wells. The results of the tests revealed the presence of perchloroethylene (PCE) and trichloroethylene (TCE) contamination in large portions of the ground water of the Bunker Hill Basin. Fourteen wells operated by the city of San Bernardino Water Department in the North San Bernardino/Muscoy area were found to contain concentrations of PCE and TCE above the state and federal Maximum Contaminant Levels (MCLs) of 5 parts per billion for both TCE and PCE. The affected wells had supplied nearly 25 percent of the water for the city of San Bernardino. Following investigations by The Santa Ana Regional Water Quality Control Board and

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

California Department of Health Services (now the California EPA Department of Toxic Substances Control), the state provided over \$6 million to construct four water treatment systems to protect the public water supply. After years of testing these agencies determined that the solvents in the ground water were continuing to flow south and threatening many more wells operated by San Bernardino, Riverside and other communities. The state requested federal involvement to address this regional problem. The EPA placed the Newmark site on the National Priorities List (NPL) in March, 1989. The EPA Remedial Investigation (RI) began in late 1990, focusing entirely on the Newmark Plume. Based upon the findings of the RI, the Muscoy plume on the western side of the valley was included as part of the Newmark Superfund Site. Additional RI well sampling in the vicinity of the Muscoy plume was conducted in September 1992. The RI/FS Report for the Muscoy Plume Operable Unit (OU) was finalized in December, 1994. As a result of the RI investigation, the San Bernardino Airport was no longer suspected to be the source of the Newmark plume as originally identified in the aerial photographic analysis conducted by EPA's Environmental Monitoring Systems Laboratory in September, 1990. Ongoing investigations are attempting to definitively identify the source. The Newmark Groundwater Contamination Superfund Site includes three Operable Units (OUs): the Newmark and Muscoy OUs are located within the San Bernardino portion of the Bunker Hill Basin, near the Shandin Hills, and the Source OU is generally located in the area northwest of the Shandin Hills. The Newmark Groundwater contamination Superfund Site covers approximately eight square miles of groundwater contaminated with volatile organic compounds (VOCs), including tetrachloroethene (PCE), trichloroethene (TCE). These chemicals are industrial solvents that have been commonly used for a variety of including dry cleaning, metal plating and machinery degreasing. The pattern of contamination indicates that a release or releases occurred in northwest San Bernardino and that contaminants have migrated more than five miles toward the Santa Ana River to the southeast. The plume is split by a major outcrop of relatively impermeable bedrock and divides the contaminated ground water into an eastern branch (the Newmark plume) and a western branch (the Muscoy plume). EPA is addressing the leading edges of the plume as two separate OUs. The identification, characterization and remediation of the source of contamination will constitute a third OU. The ground water contamination at the Newmark Superfund Site affects a large portion of a 110 square mile aquifer in the San Bernardino Valley of southern California. The aquifer, known as the Bunker Hill Basin, is bounded by the San Bernardino and San Gabriel Mountains to the north, the Crafton Hills and badlands on the southeast, and by a hydrogeologic barrier formed by the San Jacinto fault along the southwest. Waters flowing from all parts of the aquifer join in a confined artesian zone before leaving the basin where the Santa Ana River crosses the San Jacinto fault line. The ground water currently serves approximately a half-million residents of San Bernardino, Riverside and surrounding communities. The San Bernardino Valley Municipal Water District has indicated that the Bunker Hill Basin Aquifer is capable of storing approximately 1.6 trillion gallons and producing 81 billion gallons each year. The aquifer receives rainfall and natural runoff from the surrounding mountains, collected floodwater from rivers, creeks and washes, and water imported from outside the region that is spread over percolation basins. Residential and commercial use predominates throughout the Newmark Superfund Site. On October 30, 1986, the California Department of Toxic Substances Control (DTSC) contracted with the City to construct, operate and maintain four treatment systems consisting of air stripping and liquid granular activated carbon units located at the Newmark wellfield and elsewhere, and DTSC and its assigned remedial project manager directed and oversaw the City's work on the design, construction, operation and maintenance of those treatment systems. DTSC paid for the design and construction of these four treatment systems and

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

appurtenant facilities at the Newmark wellfield. The City has paid for, and continues to pay for, the operation and maintenance of these treatment systems, and the City paid for and constructed appurtenant storage and distribution facilities needed to accommodate these treatment systems. EPA placed the Newmark Groundwater contamination Superfund Site on the National Priorities List (NPL) in March 1989. In 1990, EPA began the Remedial Investigation (RI) and the Feasibility Study (FS) of the Newmark OU. For the Newmark RI, monitoring wells were drilled and sampled in the Newmark OU, and nearby City and State wells were also sampled by EPA. PCE and TCE were found in all of the affected wells. The FS evaluated a range of cleanup alternatives for addressing the five-mile long groundwater contamination plume. The report for the Newmark OU was finalized in March 1993. On August 4, 1993, EPA issued a Record of Decision (ROD) that identified the methods that EPA would use to contain and clean up the Newmark OU groundwater contamination. The remedy for the Newmark plume is an interim remedial action which addresses the public health threats from the groundwater contamination. It consists of the following features: (1) groundwater extraction (pumping) and treatment facilities at two locations in the aquifer (the North and south Areas); (2) removal of contaminants from groundwater using liquid phase granular activated carbon filtration; and (3) the final use of treated water. Construction of the Newmark OU extraction and treatment system was completed in October, 1998, and was determined to be operational and functional in October 2000. Additional investigation in the summer of 1992 traced the direction of the groundwater contamination flow into the western side of the Shandin Hills. Based on this information, the Newmark Groundwater contamination Superfund Site was officially expanded in September 1992 to include the Muscoy groundwater plume, located west of the Shandin Hills, as the Muscoy OU. EPA completed the RI/FS of possible treatment alternatives for the Muscoy groundwater contamination, and the RI/FS report for the Muscoy OU was issued in December 1994. The Muscoy OU ROD was signed on March 24, 1995. The ROD for the Muscoy groundwater contamination selects an interim remedial action focusing on preventing contamination from spreading to clean parts of the aquifer south and west of the Shandin Hills. Much of the analysis for selecting a cleanup plan for the Newmark groundwater contamination was directly applicable to the Muscoy plume: Construction of the Muscoy OU extraction and treatment system is anticipated to be completed in 2004, and the performance evaluation of the system is anticipated to be completed in 2005. The U.S. EPA's primary objective for the 1993 and 1995 Interim RODs for the Newmark and Muscoy OUs is to withdraw, treat and dispose of contaminated groundwater, and inhibit any further spread of contamination to clean areas of the aquifer. This is being accomplished for the Newmark and Muscoy OUs by the completion of the construction and operation of the water treatment plants and the barrier wells located along 11th and 14th Streets in San Bernardino, which are expected to remove 21,000 pounds of contaminants over the next 50 years. An Explanation of Significant Differences (ESD) addressing the Newmark OU (OU 1) and the Muscoy OU (OU2) was completed on August 9, 2004. The Source OU RI/FS is still being conducted with the participation of the United States Army Corps of Engineers. A ROD for the Source OU will be issued after completion of the RI/FS.

**CERCLIS Assessment History:**

Action Code: 001  
Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 08/01/1986  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: SITE INSPECTION  
Date Started: Not reported  
Date Completed: 06/01/1987  
Priority Level: Higher priority for further assessment  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: PRELIMINARY ASSESSMENT  
Date Started: Not reported  
Date Completed: 06/01/1987  
Priority Level: Low priority for further assessment  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: HAZARD RANKING SYSTEM PACKAGE  
Date Started: Not reported  
Date Completed: 10/01/1987  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: PROPOSAL TO NATIONAL PRIORITIES LIST  
Date Started: Not reported  
Date Completed: 06/24/1988  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST  
Date Started: Not reported  
Date Completed: 03/31/1989  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: REMOVAL ASSESSMENT  
Date Started: 07/31/1989  
Date Completed: 07/31/1989  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: ISSUE REQUEST LETTERS (104E)  
Date Started: Not reported  
Date Completed: 02/04/1990  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH  
Date Started: 08/23/1989  
Date Completed: 06/13/1990  
Priority Level: Search Complete, Viable PRPs  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

Action: REMOVAL ASSESSMENT  
Date Started: 07/02/1990  
Date Completed: 07/02/1990  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: ISSUE REQUEST LETTERS (104E)  
Date Started: Not reported  
Date Completed: 12/10/1990  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: REMOVAL ASSESSMENT  
Date Started: Not reported  
Date Completed: 09/02/1992  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: RISK/HEALTH ASSESSMENT  
Date Started: Not reported  
Date Completed: 03/21/1993  
Priority Level: Not reported  
Operable Unit: NEWMARK OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: ECOLOGICAL RISK ASSESSMENT  
Date Started: Not reported  
Date Completed: 03/21/1993

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

Priority Level: Not reported  
Operable Unit: NEWMARK OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: TECHNICAL ASSISTANCE GRANT  
Date Started: 04/30/1993  
Date Completed: 07/01/1993  
Priority Level: Not reported  
Operable Unit: NEWMARK OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 06/28/1990  
Date Completed: 08/04/1993  
Priority Level: Not reported  
Operable Unit: NEWMARK OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: RECORD OF DECISION  
Date Started: Not reported  
Date Completed: 08/04/1993  
Priority Level: Not reported  
Operable Unit: NEWMARK OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003  
Action: ISSUE REQUEST LETTERS (104E)  
Date Started: Not reported  
Date Completed: 10/19/1993  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: Notice Letters Issued  
Date Started: Not reported  
Date Completed: 12/22/1993  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003  
Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 02/09/1994  
Date Completed: Not reported  
Priority Level: Not reported  
Operable Unit: SOURCE OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: ECOLOGICAL RISK ASSESSMENT  
Date Started: Not reported  
Date Completed: 12/02/1994  
Priority Level: Not reported  
Operable Unit: NEWMARK OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: RISK/HEALTH ASSESSMENT  
Date Started: Not reported  
Date Completed: 12/02/1994  
Priority Level: Not reported  
Operable Unit: NEWMARK OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

Action: RECORD OF DECISION  
Date Started: Not reported  
Date Completed: 03/24/1995  
Priority Level: Not reported  
Operable Unit: MUSCOY OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 09/25/1992  
Date Completed: 03/24/1995  
Priority Level: Not reported  
Operable Unit: MUSCOY OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: REMEDIAL DESIGN  
Date Started: 09/24/1993  
Date Completed: 10/03/1997  
Priority Level: Not reported  
Operable Unit: NEWMARK OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: COMMUNITY INVOLVEMENT  
Date Started: 06/28/1990  
Date Completed: 09/30/1998  
Priority Level: Not reported  
Operable Unit: NEWMARK OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: LONG TERM RESPONSE ACTION  
Date Started: 09/29/2000  
Date Completed: Not reported  
Priority Level: Not reported  
Operable Unit: NEWMARK OU  
Primary Responsibility: EPA Fund-Financed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: OPERATIONS AND MAINTENANCE  
Date Started: 10/01/2000  
Date Completed: Not reported  
Priority Level: Not reported  
Operable Unit: NEWMARK OU  
Primary Responsibility: Special Account Financed Action - State  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: REMEDIAL DESIGN  
Date Started: 04/17/1995  
Date Completed: 09/30/2003  
Priority Level: Not reported  
Operable Unit: MUSCOY OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: Explanation Of Significant Differences  
Date Started: Not reported  
Date Completed: 08/09/2004  
Priority Level: Not reported  
Operable Unit: MUSCOY OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: Explanation Of Significant Differences  
Date Started: Not reported  
Date Completed: 08/09/2004  
Priority Level: Not reported  
Operable Unit: NEWMARK OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

Action Code: 001  
Action: Lodged By DOJ  
Date Started: Not reported  
Date Completed: 08/11/2004  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: REMEDIAL ACTION  
Date Started: 09/18/1995  
Date Completed: 09/30/2004  
Priority Level: Final RA Report  
Operable Unit: NEWMARK OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: CONSENT DECREE  
Date Started: 08/09/2004  
Date Completed: 03/23/2005  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: LONG TERM RESPONSE ACTION  
Date Started: 01/01/2007  
Date Completed: Not reported  
Priority Level: Not reported  
Operable Unit: MUSCOY OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: REMEDIAL ACTION  
Date Started: 09/05/1996  
Date Completed: 09/28/2007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

Priority Level: Final RA Report  
Operable Unit: MUSCOY OU  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: OPERATIONS AND MAINTENANCE  
Date Started: 10/01/2007  
Date Completed: Not reported  
Priority Level: Not reported  
Operable Unit: MUSCOY OU  
Primary Responsibility: Special Account Financed Action - State  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: Lodged By DOJ  
Date Started: Not reported  
Date Completed: 11/02/2007  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: CONSENT DECREE  
Date Started: 09/20/2007  
Date Completed: 01/03/2008  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: FIVE-YEAR REVIEW  
Date Started: 11/14/2007  
Date Completed: 09/23/2008  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Federal Register Details:

Fed Register Date: 03/31/1989  
Fed Register Volume: 54  
Page Number: 13296

Fed Register Date: 06/24/1988  
Fed Register Volume: 53  
Page Number: 23988

[Click this hyperlink](#) while viewing on your computer to access  
3219 additional US CERCLIS Financial: record(s) in the EDR Site Report.

US ENG CONTROLS:

EPA ID: CAD981434517  
Site ID: 0902439  
Name: NEWMARK GROUND WATER CONTAMINATION  
Address: BUNKER HILL GROUND WATER BASIN  
SAN BERNARDINO, CA 92408

EPA Region: 09  
County: SAN BERNARDINO  
Event Code: Not reported  
Actual Date: Not reported

Action ID: 001  
Action Name: RECORD OF DECISION  
Action Completion date: 08/04/93  
Planned Complet. date: 09/30/93  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Air Stripping

Action ID: 001  
Action Name: RECORD OF DECISION  
Action Completion date: 08/04/93  
Planned Complet. date: 09/30/93  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Carbon Adsorption

Action ID: 001  
Action Name: RECORD OF DECISION  
Action Completion date: 08/04/93  
Planned Complet. date: 09/30/93  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Discharge

Action ID: 001  
Action Name: RECORD OF DECISION  
Action Completion date: 08/04/93  
Planned Complet. date: 09/30/93  
Operable Unit: 01

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

Contaminated Media : Groundwater  
Engineering Control: Extraction

Action ID: 001  
Action Name: RECORD OF DECISION  
Action Completion date: 08/04/93  
Planned Complet. date: 09/30/93  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Filtration

Action ID: 001  
Action Name: RECORD OF DECISION  
Action Completion date: 08/04/93  
Planned Complet. date: 09/30/93  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Liquid Phase Carbon Adsorption

Action ID: 001  
Action Name: RECORD OF DECISION  
Action Completion date: 08/04/93  
Planned Complet. date: 09/30/93  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Monitoring

Action ID: 001  
Action Name: RECORD OF DECISION  
Action Completion date: 08/04/93  
Planned Complet. date: 09/30/93  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Reinjection

Action ID: 001  
Action Name: RECORD OF DECISION  
Action Completion date: 08/04/93  
Planned Complet. date: 09/30/93  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: UV Oxidation

Action ID: 002  
Action Name: RECORD OF DECISION  
Action Completion date: 03/24/95  
Planned Complet. date: 06/30/98  
Operable Unit: 02  
Contaminated Media : Groundwater  
Engineering Control: Air Stripping

Action ID: 002  
Action Name: RECORD OF DECISION  
Action Completion date: 03/24/95  
Planned Complet. date: 06/30/98  
Operable Unit: 02  
Contaminated Media : Groundwater

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

Engineering Control: Carbon Adsorption

Action ID: 002  
Action Name: RECORD OF DECISION  
Action Completion date: 03/24/95  
Planned Complet. date: 06/30/98  
Operable Unit: 02  
Contaminated Media : Groundwater  
Engineering Control: Discharge

Action ID: 002  
Action Name: RECORD OF DECISION  
Action Completion date: 03/24/95  
Planned Complet. date: 06/30/98  
Operable Unit: 02  
Contaminated Media : Groundwater  
Engineering Control: Monitoring

**US INST CONTROL:**

EPA ID: CAD981434517  
Site ID: 0902439  
Name: NEWMARK GROUND WATER CONTAMINATION  
Action Name: Explanation Of Significant Differences  
Address: BUNKER HILL GROUND WATER BASIN  
SAN BERNARDINO, CA 92408  
EPA Region: 09  
County: SAN BERNARDINO  
Event Code: Not reported  
Inst. Control: Groundwater use/well drilling regulation  
Actual Date: Not reported  
Complet. Date: 08/09/04  
Operable Unit: 01  
Contaminated Media : Groundwater

EPA ID: CAD981434517  
Site ID: 0902439  
Name: NEWMARK GROUND WATER CONTAMINATION  
Action Name: Explanation Of Significant Differences  
Address: BUNKER HILL GROUND WATER BASIN  
SAN BERNARDINO, CA 92408  
EPA Region: 09  
County: SAN BERNARDINO  
Event Code: Not reported  
Inst. Control: Groundwater use/well drilling regulation  
Actual Date: Not reported  
Complet. Date: 08/09/04  
Operable Unit: 02  
Contaminated Media : Groundwater

**ROD:**

Full-text of USEPA Record of Decision(s) is available from EDR.

**FINDS:**

Registry ID: 110009268283

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NEWMARK GROUND WATER CONTAMINATION (Continued)**

**1000296132**

Environmental Interest/Information System

California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor 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.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

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.

**B4**  
**NNW**  
 < 1/8  
 0.116 mi.  
 615 ft.

**AL-JOE LUMBER COMPANY**  
**19416 CAJON BLVD**  
**SAN BERNARDINO, CA 92407**

**SWEEPS UST**    **S106922491**  
**San Bern. Co. Permit**    **N/A**

**Site 1 of 3 in cluster B**

**Relative:**  
**Higher**

**SWEEPS UST:**  
 Status: Not reported  
 Comp Number: 19416  
 Number: Not reported  
 Board Of Equalization: Not reported  
 Ref Date: Not reported  
 Act Date: Not reported  
 Created Date: Not reported  
 Tank Status: Not reported  
 Owner Tank Id: Not reported  
 Swrcb Tank Id: 36-000-019416-000001  
 Actv Date: Not reported  
 Capacity: 1000  
 Tank Use: M.V. FUEL  
 Stg: PRODUCT  
 Content: LEADED  
 Number Of Tanks: 1

**Actual:**  
**1835 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AL-JOE LUMBER COMPANY (Continued)**

**S106922491**

San Bern. Co. Permit:  
Region: SAN BERNARDINO  
Facility ID: FA0013262  
Owner: DOUGLAS, WOODY N  
Permit Number: PT0023393  
Permit Category: SPECIAL GENERATOR(B)  
Facility Status: ACTIVE  
Expiration Date: 2011-09-30 00:00:00

Region: SAN BERNARDINO  
Facility ID: FA0013262  
Owner: DOUGLAS, WOODY N  
Permit Number: PT0023392  
Permit Category: SPECIAL HANDLER  
Facility Status: ACTIVE  
Expiration Date: 2011-09-30 00:00:00

**B5  
NNW  
1/8-1/4  
0.127 mi.  
672 ft.**

**G & G AUTO DISMANTLERS  
19407 CAJON BLVD UNIT B  
SAN BERNARDINO, CA 92407  
Site 2 of 3 in cluster B**

**San Bern. Co. Permit S110326741  
N/A**

**Relative:  
Higher**

San Bern. Co. Permit:  
Region: SAN BERNARDINO  
Facility ID: FA0013250  
Owner: PREBLE, YVONNE  
Permit Number: PT0023364  
Permit Category: SPECIAL GENERATOR(B)  
Facility Status: ACTIVE  
Expiration Date: 2011-07-31 00:00:00

**Actual:  
1837 ft.**

Region: SAN BERNARDINO  
Facility ID: FA0013250  
Owner: PREBLE, YVONNE  
Permit Number: PT0023363  
Permit Category: SPECIAL HANDLER  
Facility Status: ACTIVE  
Expiration Date: 2011-07-31 00:00:00

**B6  
NNW  
1/8-1/4  
0.127 mi.  
672 ft.**

**GRAND CENTRAL STATION AUTO PARTS  
19407 CAJON BLVD STE A  
SAN BERNARDINO, CA 92407  
Site 3 of 3 in cluster B**

**San Bern. Co. Permit S110326742  
N/A**

**Relative:  
Higher**

San Bern. Co. Permit:  
Region: SAN BERNARDINO  
Facility ID: FA0013251  
Owner: YANG, YONG  
Permit Number: PT0023366  
Permit Category: SPECIAL GENERATOR(B)  
Facility Status: ACTIVE  
Expiration Date: 2011-07-31 00:00:00

**Actual:  
1837 ft.**

Region: SAN BERNARDINO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CENTRAL STATION AUTO PARTS (Continued)**

**S110326742**

Facility ID: FA0013251  
Owner: YANG, YONG  
Permit Number: PT0023365  
Permit Category: SPECIAL HANDLER  
Facility Status: ACTIVE  
Expiration Date: 2011-07-31 00:00:00

**7**  
**ENE**  
**1/8-1/4**  
**0.238 mi.**  
**1254 ft.**

**RATCHET & HATCHET TOWING**  
**19612 KENDALL DR**  
**SAN BERNARDINO, CA 92407**

**San Bern. Co. Permit S109349352**  
**N/A**

**Relative:**  
**Lower**

San Bern. Co. Permit:  
Region: SAN BERNARDINO  
Facility ID: FA0011959  
Owner: RATCHET & HATCHET TOWING  
Permit Number: PT0021020  
Permit Category: LIMITED QUANTITY GENERATOR(B)  
Facility Status: INACTIVE  
Expiration Date: 2009-12-31 00:00:00

**Actual:**  
**1816 ft.**

**8**  
**ENE**  
**1/2-1**  
**0.960 mi.**  
**5071 ft.**

**CESAR CHAVEZ MIDDLE SCHOOL**  
**3400 BELMONT AVENUE**  
**SAN BERNARDINO, CA 92407**

**SCH S107736113**  
**ENVIROSTOR N/A**

**Relative:**  
**Higher**

SCH:  
Facility ID: 36010013  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 21  
National Priorities List: NO  
Cleanup Oversight Agencies: DTSC  
Lead Agency: NONE SPECIFIED  
Lead Agency Description: Not reported  
Project Manager: PETE COOKE  
Supervisor: Javier Hinojosa  
Division Branch: Cleanup Chatsworth  
Site Code: 404169  
Assembly: 59  
Senate: 31  
Special Program Status: Not reported  
Status: No Further Action  
Status Date: 2001-03-27 00:00:00  
Restricted Use: NO  
Funding: School District  
Latitude: 34.2759  
Longitude: -117.3037  
APN: NONE SPECIFIED  
Past Use: AGRICULTURAL - ROW CROPS  
Potential COC: NONE SPECIFIED,31000  
Confirmed COC: NONE SPECIFIED

**Actual:**  
**1825 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CESAR CHAVEZ MIDDLE SCHOOL (Continued)**

**S107736113**

Potential Description: SOIL  
Alias Name: CESAR CHAVEZ MIDDLE SCHOOL (PROPOSED)  
Alias Type: Alternate Name  
Alias Name: SAN BERNARDINO CITY UNIFIED SCHOOL DIST.  
Alias Type: Alternate Name  
Alias Name: SAN BERNARDINO CITY USD-CESAR CHAVEZ MS  
Alias Type: Alternate Name  
Alias Name: 404169  
Alias Type: Project Code (Site Code)  
Alias Name: 36010013  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 2001-03-27 00:00:00  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 2001-03-15 00:00:00  
Comments: Not reported

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

ENVIROSTOR:

Site Type: School Investigation  
Site Type Detailed: School  
Acres: 21  
NPL: NO  
Regulatory Agencies: DTSC  
Lead Agency: NONE SPECIFIED  
Program Manager: PETE COOKE  
Supervisor: Javier Hinojosa  
Division Branch: Cleanup Chatsworth  
Facility ID: 36010013  
Site Code: 404169  
Assembly: 59  
Senate: 31  
Special Program: Not reported  
Status: No Further Action  
Status Date: 2001-03-27 00:00:00  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: School District  
Latitude: 34.2759  
Longitude: -117.3037

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CESAR CHAVEZ MIDDLE SCHOOL (Continued)**

**S107736113**

APN: NONE SPECIFIED  
Past Use: AGRICULTURAL - ROW CROPS  
Potential COC: NONE SPECIFIED,31000  
Confirmed COC: NONE SPECIFIED  
Potential Description: SOIL  
Alias Name: CESAR CHAVEZ MIDDLE SCHOOL (PROPOSED)  
Alias Type: Alternate Name  
Alias Name: SAN BERNARDINO CITY UNIFIED SCHOOL DIST.  
Alias Type: Alternate Name  
Alias Name: SAN BERNARDINO CITY USD-CESAR CHAVEZ MS  
Alias Type: Alternate Name  
Alias Name: 404169  
Alias Type: Project Code (Site Code)  
Alias Name: 36010013  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 2001-03-27 00:00:00  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 2001-03-15 00:00:00  
Comments: Not reported

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

Count: 15 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CAJON JCT	1001815497	CALTRANS	I 15 AT STATE RTE 138	92407	RCRA-SQG, FINDS, HAZNET
MUSCOY	S102361939	CAJON SOLID WASTE DISPOSAL SITE	CAJON BLVD 1 & 4 MI N OF PALM	92407	SWF/LF
SAN BERNARDINO	S105026043	CAJON LANDFILL	CAJON BLVD 1/4 MI N. OF P		HIST CORTESE
SAN BERNARDINO	S109349313	FED EX FREIGHT WEST	7250 N CAJON BLVD	92407	San Bern. Co. Permit
SAN BERNARDINO	S106486924	CALNEV PIPELINE COMPANY	CAJON CREEK		SLIC
SAN BERNARDINO	A100345747	FED EX FREIGHT WEST	7250 N CAJON	92407	AST
SAN BERNARDINO	S100925144	SCE, ETIWANDA GENERATING STAT.	8996 ETIWANDA AVE		Toxic Pits
SAN BERNARDINO	S106910809	EL DORADO CLEANERS	1357 KENDALL DR 11 &	92407	San Bern. Co. Permit
SAN BERNARDINO	S109821508	BLACKLAND PROPERTIES SITE	NE OF WATERMAN AVE / VANDERBIL		SWF/LF
SAN BERNARDINO	S105047569	SCE-SHANDIN SUBSTATION	STATE ST / KENDALL DR	92407	AST, San Bern. Co. Permit
SAN BERNARDINO	S109821506	CEDAR SPRINGS DISPOSAL SITE	UNDER SILVERWOOD LAKE, IN A ST		SWF/LF
SAN BERNARDINO COUN	S103442535	FORT IRWIN LUCKY FUSE DISPOSAL	FORT IRWIN		WMUDS/SWAT, HIST CORTESE, CHI
SAN BERNARDINO COUN	M300003171	HI-GRADE MATERIALS CO.	LUCERNE VALLEY PIT & PLANT		MINES
SAN BERNARDINO COUN	M300003168	VULCAN MATERIALS CO.	SAN BERNARDINO (#010)		MINES
SAN BERNARDINO COUN	M300003170	VULCAN MATERIALS CO.	UPLAND (#009)		MINES

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### NPL: National Priority List

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

Date of Government Version: 12/31/2010	Source: EPA
Date Data Arrived at EDR: 01/13/2011	Telephone: N/A
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 04/13/2011
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Quarterly

#### NPL Site Boundaries

##### Sources:

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

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

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

Date of Government Version: 12/31/2010	Source: EPA
Date Data Arrived at EDR: 01/13/2011	Telephone: N/A
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 04/13/2011
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Quarterly

#### NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 02/14/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/30/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal Delisted NPL site list***

### DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 12/31/2010	Source: EPA
Date Data Arrived at EDR: 01/13/2011	Telephone: N/A
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 04/13/2011
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/25/2011
	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: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 04/29/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/13/2011
	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's Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/15/2011
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/25/2011
	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: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 04/29/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/13/2011
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

### CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/25/2010  
Date Data Arrived at EDR: 06/02/2010  
Date Made Active in Reports: 10/04/2010  
Number of Days to Update: 124

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 02/14/2011  
Next Scheduled EDR Contact: 05/30/2011  
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: 03/11/2011  
Date Data Arrived at EDR: 04/05/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 04/05/2011  
Next Scheduled EDR Contact: 07/18/2011  
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: 03/11/2011  
Date Data Arrived at EDR: 04/05/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 04/05/2011  
Next Scheduled EDR Contact: 07/18/2011  
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: 03/11/2011  
Date Data Arrived at EDR: 04/05/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 04/05/2011  
Next Scheduled EDR Contact: 07/18/2011  
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: 03/11/2011  
Date Data Arrived at EDR: 04/05/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 04/05/2011  
Next Scheduled EDR Contact: 07/18/2011  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***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: 01/05/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 03/14/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/27/2011
	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: 01/05/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 03/14/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/27/2011
	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: 12/31/2010	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/07/2011	Telephone: 202-267-2180
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 04/05/2011
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/18/2011
	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: 03/15/2011	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/17/2011	Telephone: 916-323-3400
Date Made Active in Reports: 04/20/2011	Last EDR Contact: 03/17/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/23/2011
	Data Release Frequency: Quarterly

## ***State- and tribal - equivalent CERCLIS***

### ENVIROSTOR: EnviroStor Database

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/15/2011  
Date Data Arrived at EDR: 03/17/2011  
Date Made Active in Reports: 04/20/2011  
Number of Days to Update: 34

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 03/17/2011  
Next Scheduled EDR Contact: 05/23/2011  
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: 02/22/2011  
Date Data Arrived at EDR: 02/22/2011  
Date Made Active in Reports: 03/22/2011  
Number of Days to Update: 28

Source: Department of Resources Recycling and Recovery  
Telephone: 916-341-6320  
Last EDR Contact: 02/22/2011  
Next Scheduled EDR Contact: 06/06/2011  
Data Release Frequency: Quarterly

## **State and tribal leaking storage tank lists**

### LUST REG 9: Leaking Underground Storage Tank Report

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

Date of Government Version: 03/01/2001  
Date Data Arrived at EDR: 04/23/2001  
Date Made Active in Reports: 05/21/2001  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-637-5595  
Last EDR Contact: 03/28/2011  
Next Scheduled EDR Contact: 07/11/2011  
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 02/26/2004  
Date Data Arrived at EDR: 02/26/2004  
Date Made Active in Reports: 03/24/2004  
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)  
Telephone: 760-776-8943  
Last EDR Contact: 05/02/2011  
Next Scheduled EDR Contact: 08/15/2011  
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 06/07/2005  
Date Data Arrived at EDR: 06/07/2005  
Date Made Active in Reports: 06/29/2005  
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-241-7365  
Last EDR Contact: 03/14/2011  
Next Scheduled EDR Contact: 06/27/2011  
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: 03/14/2011  
Next Scheduled EDR Contact: 06/27/2011  
Data Release Frequency: No Update Planned

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2008  
Date Data Arrived at EDR: 07/22/2008  
Date Made Active in Reports: 07/31/2008  
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-4834  
Last EDR Contact: 04/04/2011  
Next Scheduled EDR Contact: 07/18/2011  
Data Release Frequency: Quarterly

## LUST REG 4: Underground Storage Tank Leak List

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

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6710  
Last EDR Contact: 03/07/2011  
Next Scheduled EDR Contact: 06/20/2011  
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: 04/18/2011  
Next Scheduled EDR Contact: 08/01/2011  
Data Release Frequency: No Update Planned

## LUST REG 2: Fuel Leak List

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

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-622-2433  
Last EDR Contact: 03/21/2011  
Next Scheduled EDR Contact: 07/04/2011  
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: 05/02/2011  
Next Scheduled EDR Contact: 08/15/2011  
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: 03/22/2011  
Date Data Arrived at EDR: 03/23/2011  
Date Made Active in Reports: 04/20/2011  
Number of Days to Update: 28

Source: State Water Resources Control Board  
Telephone: see region list  
Last EDR Contact: 04/29/2011  
Next Scheduled EDR Contact: 07/04/2011  
Data Release Frequency: Quarterly

## LUST REG 8: Leaking Underground Storage Tanks

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/18/2011  
Next Scheduled EDR Contact: 08/01/2011  
Data Release Frequency: Varies

## SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 03/22/2011  
Date Data Arrived at EDR: 03/23/2011  
Date Made Active in Reports: 04/21/2011  
Number of Days to Update: 29

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 04/29/2011  
Next Scheduled EDR Contact: 07/04/2011  
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: 05/02/2011  
Next Scheduled EDR Contact: 08/15/2011  
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: 03/21/2011  
Next Scheduled EDR Contact: 07/04/2011  
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: 04/18/2011  
Next Scheduled EDR Contact: 08/01/2011  
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: 04/04/2011  
Next Scheduled EDR Contact: 07/18/2011  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/14/2011  
Next Scheduled EDR Contact: 06/27/2011  
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: 02/14/2011  
Next Scheduled EDR Contact: 02/28/2011  
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: 02/14/2011  
Next Scheduled EDR Contact: 05/30/2011  
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: 05/02/2011  
Next Scheduled EDR Contact: 08/15/2011  
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: 03/14/2011  
Next Scheduled EDR Contact: 06/27/2011  
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: 02/07/2011  
Next Scheduled EDR Contact: 05/23/2011  
Data Release Frequency: Annually

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/03/2011	Source: EPA Region 10
Date Data Arrived at EDR: 02/04/2011	Telephone: 206-553-2857
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Quarterly

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

Date of Government Version: 09/01/2010	Source: EPA Region 1
Date Data Arrived at EDR: 11/05/2010	Telephone: 617-918-1313
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 05/03/2011
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/04/2011	Source: EPA Region 8
Date Data Arrived at EDR: 02/04/2011	Telephone: 303-312-6271
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Quarterly

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

Date of Government Version: 02/03/2011	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2011	Telephone: 214-665-6597
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Varies

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

Date of Government Version: 03/03/2011	Source: EPA Region 4
Date Data Arrived at EDR: 03/18/2011	Telephone: 404-562-8677
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 01/31/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/01/2011	Telephone: 415-972-3372
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 48	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Quarterly

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

Date of Government Version: 11/04/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/04/2010	Telephone: 913-551-7003
Date Made Active in Reports: 07/07/2010	Last EDR Contact: 05/04/2010
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/16/2011
	Data Release Frequency: Varies

***State and tribal registered storage tank lists***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/22/2011	Source: SWRCB
Date Data Arrived at EDR: 03/23/2011	Telephone: 916-480-1028
Date Made Active in Reports: 04/22/2011	Last EDR Contact: 04/29/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/04/2011
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 08/01/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-341-5712
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 04/25/2011
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/25/2011
	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: 02/03/2011	Source: EPA Region 10
Date Data Arrived at EDR: 02/04/2011	Telephone: 206-553-2857
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/15/2011
	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: 01/31/2011	Source: EPA Region 9
Date Data Arrived at EDR: 02/01/2011	Telephone: 415-972-3368
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 48	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 02/04/2011	Source: EPA Region 8
Date Data Arrived at EDR: 02/04/2011	Telephone: 303-312-6137
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 11/01/2010	Source: EPA Region 7
Date Data Arrived at EDR: 12/02/2010	Telephone: 913-551-7003
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 02/03/2011
Number of Days to Update: 57	Next Scheduled EDR Contact: 05/16/2011
	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).

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/03/2011  
Date Data Arrived at EDR: 02/04/2011  
Date Made Active in Reports: 03/21/2011  
Number of Days to Update: 45

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 05/02/2011  
Next Scheduled EDR Contact: 08/15/2011  
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: 01/01/2011  
Date Data Arrived at EDR: 02/23/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 68

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 05/02/2011  
Next Scheduled EDR Contact: 08/15/2011  
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: 03/03/2011  
Date Data Arrived at EDR: 03/18/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 45

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 05/02/2011  
Next Scheduled EDR Contact: 08/15/2011  
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 09/01/2010  
Date Data Arrived at EDR: 11/05/2010  
Date Made Active in Reports: 01/28/2011  
Number of Days to Update: 84

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 05/03/2011  
Next Scheduled EDR Contact: 08/15/2011  
Data Release Frequency: Varies

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 04/18/2011  
Next Scheduled EDR Contact: 08/01/2011  
Data Release Frequency: Varies

## **State and tribal voluntary cleanup sites**

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/15/2011  
Date Data Arrived at EDR: 03/17/2011  
Date Made Active in Reports: 04/20/2011  
Number of Days to Update: 34

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 03/17/2011  
Next Scheduled EDR Contact: 05/23/2011  
Data Release Frequency: Quarterly

## INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 09/01/2010  
Date Data Arrived at EDR: 01/05/2011  
Date Made Active in Reports: 03/21/2011  
Number of Days to Update: 75

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 04/05/2011  
Next Scheduled EDR Contact: 07/18/2011  
Data Release Frequency: Varies

## ADDITIONAL ENVIRONMENTAL RECORDS

### **Local Brownfield lists**

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

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

Date of Government Version: 12/29/2010  
Date Data Arrived at EDR: 12/30/2010  
Date Made Active in Reports: 03/21/2011  
Number of Days to Update: 81

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 03/29/2011  
Next Scheduled EDR Contact: 07/11/2011  
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: 03/28/2011  
Next Scheduled EDR Contact: 07/11/2011  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 02/14/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 05/30/2011
	Data Release Frequency: No Update Planned

## SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 02/24/2011	Source: Department of Conservation
Date Data Arrived at EDR: 03/23/2011	Telephone: 916-323-3836
Date Made Active in Reports: 04/21/2011	Last EDR Contact: 03/23/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/04/2011
	Data Release Frequency: Quarterly

## HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 02/22/2011	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 02/22/2011	Telephone: 916-341-6422
Date Made Active in Reports: 03/24/2011	Last EDR Contact: 02/22/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/06/2011
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 02/08/2011
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/23/2011
	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: 02/02/2011	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/17/2011	Telephone: 202-307-1000
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 03/08/2011
Number of Days to Update: 46	Next Scheduled EDR Contact: 06/20/2011
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005  
Date Data Arrived at EDR: 08/03/2006  
Date Made Active in Reports: 08/24/2006  
Number of Days to Update: 21

Source: Department of Toxic Substance Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/23/2009  
Next Scheduled EDR Contact: 05/25/2009  
Data Release Frequency: No Update Planned

## SCH: School Property Evaluation Program

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

Date of Government Version: 03/15/2011  
Date Data Arrived at EDR: 03/17/2011  
Date Made Active in Reports: 04/20/2011  
Number of Days to Update: 34

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 03/17/2011  
Next Scheduled EDR Contact: 05/23/2011  
Data Release Frequency: Quarterly

## TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

## CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2010  
Date Data Arrived at EDR: 03/04/2011  
Date Made Active in Reports: 03/24/2011  
Number of Days to Update: 20

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 04/04/2011  
Next Scheduled EDR Contact: 07/18/2011  
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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 03/07/2011
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/20/2011
	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## 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: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2011	Telephone: 202-564-6023
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 87	Next Scheduled EDR Contact: 08/15/2011
	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	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 02/22/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/06/2011
	Data Release Frequency: Varies

### LIENS: Environmental Liens Listing

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

Date of Government Version: 12/08/2010	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 12/09/2010	Telephone: 916-323-3400
Date Made Active in Reports: 01/25/2011	Last EDR Contact: 03/28/2011
Number of Days to Update: 47	Next Scheduled EDR Contact: 05/02/2011
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 03/18/2011	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/18/2011	Telephone: 916-323-3400
Date Made Active in Reports: 04/20/2011	Last EDR Contact: 03/18/2011
Number of Days to Update: 33	Next Scheduled EDR Contact: 06/27/2011
	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: 12/31/2010	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/05/2011	Telephone: 202-366-4555
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/05/2011
Number of Days to Update: 51	Next Scheduled EDR Contact: 07/18/2011
	Data Release Frequency: Annually

### CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 12/31/2009	Source: Office of Emergency Services
Date Data Arrived at EDR: 07/21/2010	Telephone: 916-845-8400
Date Made Active in Reports: 08/20/2010	Last EDR Contact: 05/02/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 08/15/2011
	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: 03/22/2011	Source: State Water Quality Control Board
Date Data Arrived at EDR: 03/23/2011	Telephone: 866-480-1028
Date Made Active in Reports: 04/20/2011	Last EDR Contact: 04/29/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/04/2011
	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: 03/22/2011	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/23/2011	Telephone: 866-480-1028
Date Made Active in Reports: 04/21/2011	Last EDR Contact: 04/29/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/04/2011
	Data Release Frequency: Quarterly

## **Other Ascertainable Records**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 03/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/05/2011	Telephone: (415) 495-8895
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 04/05/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/18/2011
	Data Release Frequency: Varies

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2011	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 02/11/2011	Telephone: 202-366-4595
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 02/11/2011
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/23/2011
	Data Release Frequency: Varies

## DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/21/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 08/01/2011
	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	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/12/2010	Telephone: 202-528-4285
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 03/15/2011
Number of Days to Update: 112	Next Scheduled EDR Contact: 06/27/2011
	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: 10/01/2010	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 10/29/2010	Telephone: Varies
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 04/04/2011
Number of Days to Update: 91	Next Scheduled EDR Contact: 07/18/2011
	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: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/16/2011	Telephone: 703-416-0223
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/16/2011
Number of Days to Update: 5	Next Scheduled EDR Contact: 06/27/2011
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/21/2010	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 03/04/2011
Number of Days to Update: 99	Next Scheduled EDR Contact: 06/13/2011
	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: 02/08/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/09/2011	Telephone: 303-231-5959
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 03/09/2011
Number of Days to Update: 54	Next Scheduled EDR Contact: 06/20/2011
	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	Source: EPA
Date Data Arrived at EDR: 12/17/2010	Telephone: 202-566-0250
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/01/2011
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/13/2011
	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	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 03/29/2011
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/11/2011
	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	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 02/28/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/13/2011
	Data Release Frequency: Quarterly

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 02/28/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/13/2011
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	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	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/15/2011
	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: 01/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/21/2011	Telephone: 202-564-5088
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/28/2011
Number of Days to Update: 59	Next Scheduled EDR Contact: 07/11/2011
	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	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/22/2011
Number of Days to Update: 98	Next Scheduled EDR Contact: 08/01/2011
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 03/18/2010	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/06/2010	Telephone: 301-415-7169
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 03/14/2011
Number of Days to Update: 51	Next Scheduled EDR Contact: 06/27/2011
	Data Release Frequency: Quarterly

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/13/2011	Telephone: 202-343-9775
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/13/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/25/2011
	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: 04/14/2010	Source: EPA
Date Data Arrived at EDR: 04/16/2010	Telephone: (415) 947-8000
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 03/14/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/27/2011
	Data Release Frequency: Quarterly

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	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	Source: EPA/NTIS
Date Data Arrived at EDR: 03/01/2011	Telephone: 800-424-9346
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 03/01/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/13/2011
	Data Release Frequency: Biennially

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989  
Date Data Arrived at EDR: 07/27/1994  
Date Made Active in Reports: 08/02/1994  
Number of Days to Update: 6

Source: Department of Health Services  
Telephone: 916-255-2118  
Last EDR Contact: 05/31/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007  
Date Data Arrived at EDR: 06/20/2007  
Date Made Active in Reports: 06/29/2007  
Number of Days to Update: 9

Source: State Water Resources Control Board  
Telephone: 916-341-5227  
Last EDR Contact: 02/28/2011  
Next Scheduled EDR Contact: 06/13/2011  
Data Release Frequency: Quarterly

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/22/2011  
Date Data Arrived at EDR: 02/22/2011  
Date Made Active in Reports: 03/22/2011  
Number of Days to Update: 28

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 02/22/2011  
Next Scheduled EDR Contact: 06/06/2011  
Data Release Frequency: Quarterly

## CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 01/04/2011  
Date Data Arrived at EDR: 01/05/2011  
Date Made Active in Reports: 01/25/2011  
Number of Days to Update: 20

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-323-3400  
Last EDR Contact: 04/05/2011  
Next Scheduled EDR Contact: 07/18/2011  
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].

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: 03/29/2011  
Next Scheduled EDR Contact: 07/11/2011  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 09/15/2010	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 09/16/2010	Telephone: 916-327-4498
Date Made Active in Reports: 09/29/2010	Last EDR Contact: 05/02/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/27/2011
	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	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 04/05/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/18/2011
	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: 12/31/2009	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/07/2010	Telephone: 916-255-1136
Date Made Active in Reports: 08/12/2010	Last EDR Contact: 04/22/2011
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/01/2011
	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	Source: California Air Resources Board
Date Data Arrived at EDR: 09/29/2010	Telephone: 916-322-2990
Date Made Active in Reports: 10/18/2010	Last EDR Contact: 04/01/2011
Number of Days to Update: 19	Next Scheduled EDR Contact: 07/11/2011
	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	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/21/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/01/2011
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 04/25/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/08/2011
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 02/28/2011  
Date Data Arrived at EDR: 03/23/2011  
Date Made Active in Reports: 04/21/2011  
Number of Days to Update: 29

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 03/23/2011  
Next Scheduled EDR Contact: 07/04/2011  
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: 03/04/2011  
Date Data Arrived at EDR: 03/17/2011  
Date Made Active in Reports: 04/20/2011  
Number of Days to Update: 34

Source: Department of Public Health  
Telephone: 916-558-1784  
Last EDR Contact: 03/14/2011  
Next Scheduled EDR Contact: 06/27/2011  
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: 04/19/2011  
Next Scheduled EDR Contact: 08/01/2011  
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: 03/18/2011  
Next Scheduled EDR Contact: 06/27/2011  
Data Release Frequency: Varies

## HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/17/2011  
Date Data Arrived at EDR: 01/18/2011  
Date Made Active in Reports: 01/28/2011  
Number of Days to Update: 10

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 04/19/2011  
Next Scheduled EDR Contact: 08/01/2011  
Data Release Frequency: Quarterly

## HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/09/2010  
Date Data Arrived at EDR: 08/11/2010  
Date Made Active in Reports: 08/20/2010  
Number of Days to Update: 9

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 03/04/2011  
Next Scheduled EDR Contact: 06/13/2011  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/15/2011  
Date Data Arrived at EDR: 03/16/2011  
Date Made Active in Reports: 04/26/2011  
Number of Days to Update: 41

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 03/07/2011  
Next Scheduled EDR Contact: 06/06/2011  
Data Release Frequency: Varies

## FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007  
Date Data Arrived at EDR: 06/01/2007  
Date Made Active in Reports: 06/29/2007  
Number of Days to Update: 28

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 02/04/2011  
Next Scheduled EDR Contact: 05/16/2011  
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: 04/21/2011  
Next Scheduled EDR Contact: 08/01/2011  
Data Release Frequency: N/A

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008  
Date Data Arrived at EDR: 02/18/2009  
Date Made Active in Reports: 05/29/2009  
Number of Days to Update: 100

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 02/04/2011  
Next Scheduled EDR Contact: 05/16/2011  
Data Release Frequency: Varies

## EDR PROPRIETARY RECORDS

### *EDR Proprietary Records*

#### Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### Contaminated Sites

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

Date of Government Version: 01/06/2011  
Date Data Arrived at EDR: 01/07/2011  
Date Made Active in Reports: 01/25/2011  
Number of Days to Update: 18

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 04/04/2011  
Next Scheduled EDR Contact: 07/18/2011  
Data Release Frequency: Semi-Annually

#### Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/06/2011  
Date Data Arrived at EDR: 01/07/2011  
Date Made Active in Reports: 01/20/2011  
Number of Days to Update: 13

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 04/04/2011  
Next Scheduled EDR Contact: 07/18/2011  
Data Release Frequency: Semi-Annually

### CONTRA COSTA COUNTY:

#### Site List

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

Date of Government Version: 03/10/2011  
Date Data Arrived at EDR: 03/11/2011  
Date Made Active in Reports: 03/24/2011  
Number of Days to Update: 13

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 02/22/2011  
Next Scheduled EDR Contact: 05/23/2011  
Data Release Frequency: Semi-Annually

### FRESNO COUNTY:

#### CUPA Resources List

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/14/2011  
Date Data Arrived at EDR: 01/18/2011  
Date Made Active in Reports: 01/28/2011  
Number of Days to Update: 10

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 04/18/2011  
Next Scheduled EDR Contact: 08/01/2011  
Data Release Frequency: Semi-Annually

## HUMBOLDT COUNTY:

### CUPA Facility List CUPA facility list.

Date of Government Version: 02/08/2011  
Date Data Arrived at EDR: 03/03/2011  
Date Made Active in Reports: 03/24/2011  
Number of Days to Update: 21

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 02/28/2011  
Next Scheduled EDR Contact: 06/13/2011  
Data Release Frequency: Varies

## INYO COUNTY:

### CUPA Facility List Cupa facility list.

Date of Government Version: 11/29/2010  
Date Data Arrived at EDR: 03/03/2011  
Date Made Active in Reports: 03/24/2011  
Number of Days to Update: 21

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 02/28/2011  
Next Scheduled EDR Contact: 06/13/2011  
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: 03/17/2011  
Next Scheduled EDR Contact: 05/30/2011  
Data Release Frequency: Quarterly

## LOS ANGELES COUNTY:

### San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: EPA Region 9  
Telephone: 415-972-3178  
Last EDR Contact: 03/28/2011  
Next Scheduled EDR Contact: 07/11/2011  
Data Release Frequency: No Update Planned

### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 12/30/2010  
Date Data Arrived at EDR: 03/03/2011  
Date Made Active in Reports: 03/24/2011  
Number of Days to Update: 21

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 04/18/2011  
Next Scheduled EDR Contact: 08/01/2011  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/24/2011  
Date Data Arrived at EDR: 02/01/2011  
Date Made Active in Reports: 03/04/2011  
Number of Days to Update: 31

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 04/25/2011  
Next Scheduled EDR Contact: 08/08/2011  
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: 02/18/2011  
Next Scheduled EDR Contact: 06/06/2011  
Data Release Frequency: Varies

## Site Mitigation List

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

Date of Government Version: 02/09/2011  
Date Data Arrived at EDR: 02/09/2011  
Date Made Active in Reports: 03/04/2011  
Number of Days to Update: 23

Source: Community Health Services  
Telephone: 323-890-7806  
Last EDR Contact: 04/25/2011  
Next Scheduled EDR Contact: 08/08/2011  
Data Release Frequency: Annually

## City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 02/03/2011  
Date Data Arrived at EDR: 02/08/2011  
Date Made Active in Reports: 03/03/2011  
Number of Days to Update: 23

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236  
Last EDR Contact: 04/25/2011  
Next Scheduled EDR Contact: 08/08/2011  
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: 05/02/2011  
Next Scheduled EDR Contact: 08/15/2011  
Data Release Frequency: Annually

## City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/18/2011  
Date Data Arrived at EDR: 01/25/2011  
Date Made Active in Reports: 03/03/2011  
Number of Days to Update: 37

Source: City of Torrance Fire Department  
Telephone: 310-618-2973  
Last EDR Contact: 04/18/2011  
Next Scheduled EDR Contact: 08/01/2011  
Data Release Frequency: Semi-Annually

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/14/2011  
Date Data Arrived at EDR: 02/01/2011  
Date Made Active in Reports: 03/04/2011  
Number of Days to Update: 31

Source: Public Works Department Waste Management  
Telephone: 415-499-6647  
Last EDR Contact: 04/11/2011  
Next Scheduled EDR Contact: 04/25/2011  
Data Release Frequency: Semi-Annually

## MERCED COUNTY:

### CUPA Facility List CUPA facility list.

Date of Government Version: 11/22/2010  
Date Data Arrived at EDR: 03/03/2011  
Date Made Active in Reports: 03/24/2011  
Number of Days to Update: 21

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 02/28/2011  
Next Scheduled EDR Contact: 06/13/2011  
Data Release Frequency: Varies

## MONTEREY COUNTY:

### CUPA Facility Listing CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/20/2011  
Date Data Arrived at EDR: 03/03/2011  
Date Made Active in Reports: 03/24/2011  
Number of Days to Update: 21

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 02/28/2011  
Next Scheduled EDR Contact: 06/13/2011  
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: 07/09/2008  
Date Data Arrived at EDR: 07/09/2008  
Date Made Active in Reports: 07/31/2008  
Number of Days to Update: 22

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 03/07/2011  
Next Scheduled EDR Contact: 06/20/2011  
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: 03/07/2011  
Next Scheduled EDR Contact: 06/20/2011  
Data Release Frequency: No Update Planned

## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 02/02/2011  
Date Data Arrived at EDR: 02/17/2011  
Date Made Active in Reports: 03/22/2011  
Number of Days to Update: 33

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 02/14/2011  
Next Scheduled EDR Contact: 05/30/2011  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/02/2011	Source: Health Care Agency
Date Data Arrived at EDR: 02/17/2011	Telephone: 714-834-3446
Date Made Active in Reports: 03/22/2011	Last EDR Contact: 02/14/2011
Number of Days to Update: 33	Next Scheduled EDR Contact: 05/30/2011
	Data Release Frequency: Quarterly

## List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/02/2011	Source: Health Care Agency
Date Data Arrived at EDR: 02/15/2011	Telephone: 714-834-3446
Date Made Active in Reports: 03/03/2011	Last EDR Contact: 02/15/2011
Number of Days to Update: 16	Next Scheduled EDR Contact: 05/30/2011
	Data Release Frequency: Quarterly

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 01/31/2011	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 02/01/2011	Telephone: 530-889-7312
Date Made Active in Reports: 03/04/2011	Last EDR Contact: 03/14/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/27/2011
	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: 12/08/2010	Source: Department of Environmental Health
Date Data Arrived at EDR: 12/09/2010	Telephone: 951-358-5055
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 03/28/2011
Number of Days to Update: 50	Next Scheduled EDR Contact: 07/11/2011
	Data Release Frequency: Quarterly

### Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 12/08/2010	Source: Department of Environmental Health
Date Data Arrived at EDR: 12/09/2010	Telephone: 951-358-5055
Date Made Active in Reports: 01/20/2011	Last EDR Contact: 03/28/2011
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/11/2011
	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: 11/03/2010	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 01/20/2011	Telephone: 916-875-8406
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 04/11/2011
Number of Days to Update: 8	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 11/03/2010  
Date Data Arrived at EDR: 01/20/2011  
Date Made Active in Reports: 01/28/2011  
Number of Days to Update: 8

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 04/11/2011  
Next Scheduled EDR Contact: 07/25/2011  
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: 03/10/2011  
Date Data Arrived at EDR: 03/11/2011  
Date Made Active in Reports: 03/24/2011  
Number of Days to Update: 13

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 02/14/2011  
Next Scheduled EDR Contact: 05/30/2011  
Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

### Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/09/2010  
Date Data Arrived at EDR: 09/15/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 14

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 03/18/2011  
Next Scheduled EDR Contact: 06/27/2011  
Data Release Frequency: Quarterly

### Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2010  
Date Data Arrived at EDR: 11/16/2010  
Date Made Active in Reports: 01/25/2011  
Number of Days to Update: 70

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 05/02/2011  
Next Scheduled EDR Contact: 08/15/2011  
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: 12/21/2010  
Next Scheduled EDR Contact: 03/28/2011  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 02/28/2011  
Next Scheduled EDR Contact: 05/30/2011  
Data Release Frequency: Quarterly

## Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010  
Date Data Arrived at EDR: 03/10/2011  
Date Made Active in Reports: 03/15/2011  
Number of Days to Update: 5

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 02/28/2011  
Next Scheduled EDR Contact: 05/30/2011  
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: 03/30/2011  
Date Data Arrived at EDR: 03/31/2011  
Date Made Active in Reports: 04/22/2011  
Number of Days to Update: 22

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 03/28/2011  
Next Scheduled EDR Contact: 07/11/2011  
Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/17/2010  
Date Data Arrived at EDR: 03/03/2011  
Date Made Active in Reports: 03/24/2011  
Number of Days to Update: 21

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 02/28/2011  
Next Scheduled EDR Contact: 06/13/2011  
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: 02/14/2011  
Date Data Arrived at EDR: 02/17/2011  
Date Made Active in Reports: 04/01/2011  
Number of Days to Update: 43

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 03/28/2011  
Next Scheduled EDR Contact: 07/04/2011  
Data Release Frequency: Annually

### Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/21/2011  
Date Data Arrived at EDR: 03/22/2011  
Date Made Active in Reports: 04/20/2011  
Number of Days to Update: 29

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 03/21/2011  
Next Scheduled EDR Contact: 07/04/2011  
Data Release Frequency: Semi-Annually

## SANTA BARBARA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 11/22/2010  
Date Data Arrived at EDR: 03/03/2011  
Date Made Active in Reports: 03/24/2011  
Number of Days to Update: 21

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 02/28/2011  
Next Scheduled EDR Contact: 06/13/2011  
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: 05/29/2009  
Date Data Arrived at EDR: 06/01/2009  
Date Made Active in Reports: 06/15/2009  
Number of Days to Update: 14

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 03/07/2011  
Next Scheduled EDR Contact: 06/20/2011  
Data Release Frequency: Annually

### Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/31/2009  
Date Data Arrived at EDR: 08/31/2009  
Date Made Active in Reports: 09/18/2009  
Number of Days to Update: 18

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 03/15/2011  
Next Scheduled EDR Contact: 05/30/2011  
Data Release Frequency: Annually

## SANTA CRUZ COUNTY:

### CUPA Facility List

CUPA facility listing.

Date of Government Version: 11/22/2010  
Date Data Arrived at EDR: 03/03/2011  
Date Made Active in Reports: 03/24/2011  
Number of Days to Update: 21

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 02/28/2011  
Next Scheduled EDR Contact: 06/13/2011  
Data Release Frequency: Varies

## SHASTA COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/30/2010  
Date Data Arrived at EDR: 03/03/2011  
Date Made Active in Reports: 03/24/2011  
Number of Days to Update: 21

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 02/28/2011  
Next Scheduled EDR Contact: 06/13/2011  
Data Release Frequency: Varies

## SOLANO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/21/2011	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 03/25/2011	Telephone: 707-784-6770
Date Made Active in Reports: 04/21/2011	Last EDR Contact: 03/21/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/20/2011
	Data Release Frequency: Quarterly

## Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/21/2011	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 03/25/2011	Telephone: 707-784-6770
Date Made Active in Reports: 04/22/2011	Last EDR Contact: 03/21/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 06/20/2011
	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: 01/05/2011	Source: Department of Health Services
Date Data Arrived at EDR: 01/07/2011	Telephone: 707-565-6565
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 04/04/2011
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/18/2011
	Data Release Frequency: Quarterly

## SUTTER COUNTY:

### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 03/14/2011	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 03/15/2011	Telephone: 530-822-7500
Date Made Active in Reports: 03/24/2011	Last EDR Contact: 03/14/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/27/2011
	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: 01/26/2011	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 02/25/2011	Telephone: 805-654-2813
Date Made Active in Reports: 03/22/2011	Last EDR Contact: 02/22/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/06/2011
	Data Release Frequency: Quarterly

### Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2009	Source: Environmental Health Division
Date Data Arrived at EDR: 10/05/2009	Telephone: 805-654-2813
Date Made Active in Reports: 10/13/2009	Last EDR Contact: 04/07/2011
Number of Days to Update: 8	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 02/22/2011
Number of Days to Update: 37	Next Scheduled EDR Contact: 06/06/2011
	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: 03/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 03/23/2011	Telephone: 805-654-2813
Date Made Active in Reports: 04/22/2011	Last EDR Contact: 03/23/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/04/2011
	Data Release Frequency: Quarterly

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 01/25/2011	Source: Yolo County Department of Health
Date Data Arrived at EDR: 02/03/2011	Telephone: 530-666-8646
Date Made Active in Reports: 03/04/2011	Last EDR Contact: 04/11/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/11/2011
	Data Release Frequency: Annually

## **OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/26/2009	Telephone: 860-424-3375
Date Made Active in Reports: 09/11/2009	Last EDR Contact: 02/25/2011
Number of Days to Update: 16	Next Scheduled EDR Contact: 06/06/2011
	Data Release Frequency: Annually

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/22/2010	Telephone: N/A
Date Made Active in Reports: 08/26/2010	Last EDR Contact: 04/19/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/01/2011
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2010  
Date Data Arrived at EDR: 02/09/2011  
Date Made Active in Reports: 03/04/2011  
Number of Days to Update: 23

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 02/09/2011  
Next Scheduled EDR Contact: 05/23/2011  
Data Release Frequency: Annually

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 12/01/2009  
Date Made Active in Reports: 12/14/2009  
Number of Days to Update: 13

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 04/04/2011  
Next Scheduled EDR Contact: 07/06/2011  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 07/19/2010  
Date Made Active in Reports: 08/26/2010  
Number of Days to Update: 38

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/28/2011  
Next Scheduled EDR Contact: 06/13/2011  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 07/06/2010  
Date Made Active in Reports: 07/26/2010  
Number of Days to Update: 20

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 03/21/2011  
Next Scheduled EDR Contact: 07/04/2011  
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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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 & 2009 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<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

VULCAN MATERIALS COMPANY  
19401 N. CAJON BOULEVARD  
SAN BERNARDINO, CA 92407

### TARGET PROPERTY COORDINATES

Latitude (North):	34.19910 - 34° 11' 56.8"
Longitude (West):	117.3806 - 117° 22' 50.2"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	464933.8
UTM Y (Meters):	3784102.5
Elevation:	1822 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	34117-B4 DEVORE, CA
Most Recent Revision:	1988
East Map:	34117-B3 SAN BERNARDINO NORTH, CA
Most Recent Revision:	1988

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

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

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

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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

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

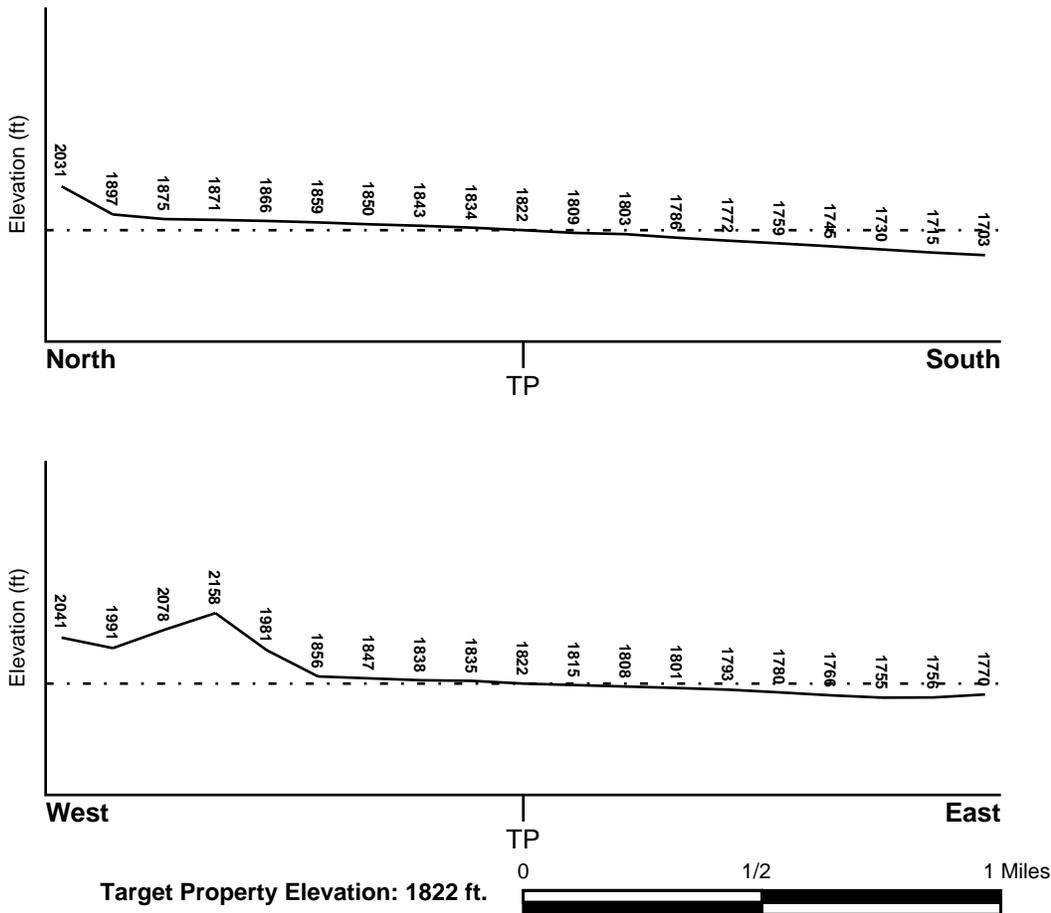
## TOPOGRAPHIC INFORMATION

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

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

## 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

Target Property County  
SAN BERNARDINO, CA

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06071C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

## NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
NOT AVAILABLE

NWI Electronic  
Data Coverage  
YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### *Site-Specific Hydrogeological Data\*:*

Search Radius: 1.25 miles  
Status: Not found

## AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### **ROCK STRATIGRAPHIC UNIT**

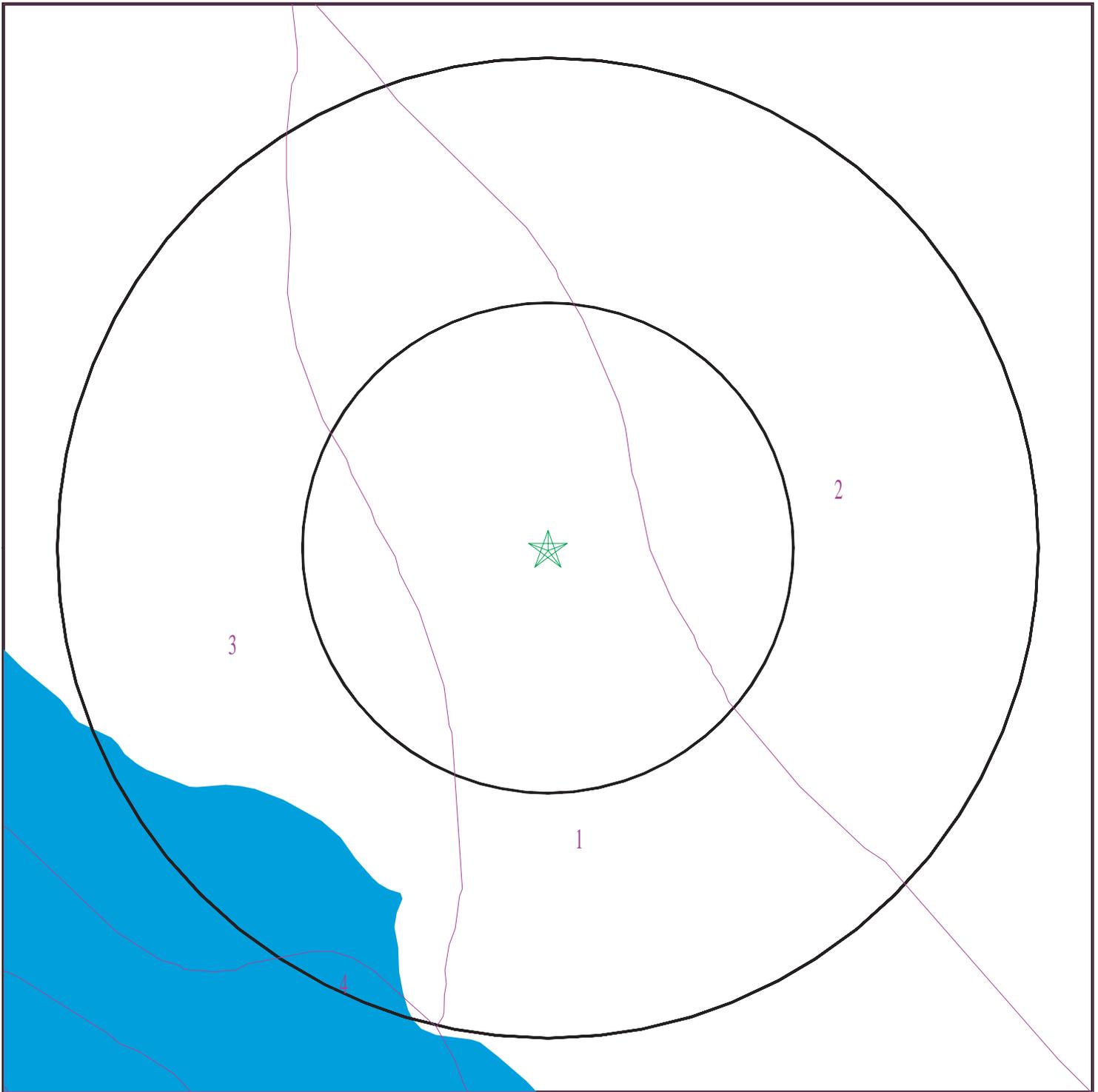
Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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

# SSURGO SOIL MAP - 3059310.2s



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles



SITE NAME: Vulcan Materials Company  
ADDRESS: 19401 N. Cajon Boulevard  
San Bernardino CA 92407  
LAT/LONG: 34.1991 / 117.3806

CLIENT: Brown & Caldwell Consultants  
CONTACT: Brett Bennetts  
INQUIRY #: 3059310.2s  
DATE: May 04, 2011 2:12 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

### Soil Map ID: 1

Soil Component Name: SOBOPA

Soil Surface Texture: gravelly loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 141	Max: 7.3 Min: 6.6
2	11 inches	35 inches	very gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 141	Max: 7.3 Min: 6.6
3	35 inches	59 inches	very stony sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 141	Max: 7.3 Min: 6.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 2

Soil Component Name: TUJUNGA

Soil Surface Texture: gravelly loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	35 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.1
2	35 inches	59 inches	gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.1

### Soil Map ID: 3

Soil Component Name: Soboba

Soil Surface Texture: very stony loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	very stony loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 141	Max: 7.8 Min: 6.6
2	9 inches	59 inches	very stony sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 141	Max: 7.8 Min: 6.6

### Soil Map ID: 4

Soil Component Name: FLUVENTS

Soil Surface Texture: gravelly sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
2	9 inches	29 inches	stratified gravelly sand to gravelly loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
3	29 inches	59 inches	stratified gravelly sand to gravelly loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

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

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	USGS3134281	1/4 - 1/2 Mile NNW
A3	USGS3134282	1/4 - 1/2 Mile NNW

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

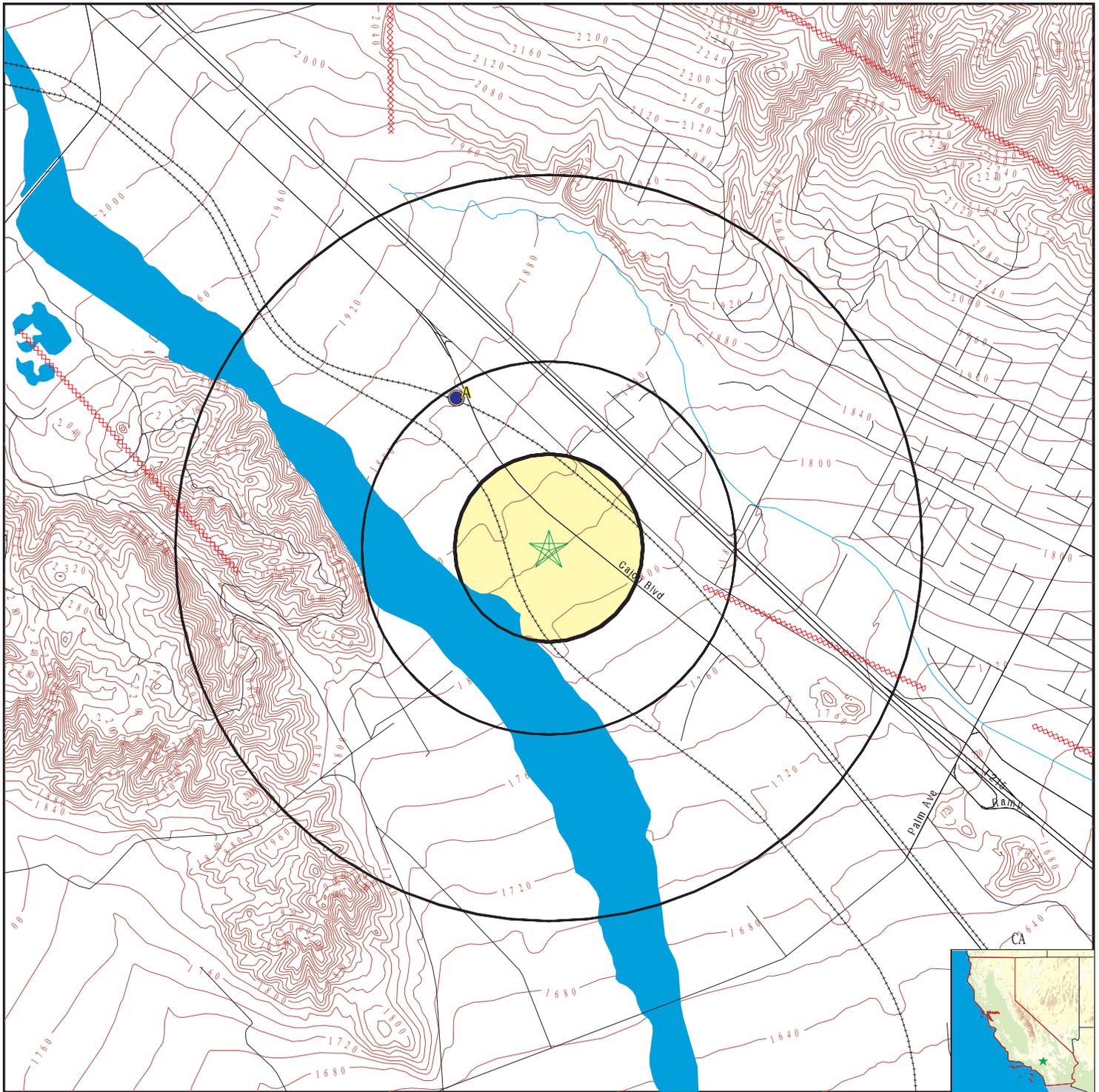
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	171	1/4 - 1/2 Mile NNW
A4	170	1/4 - 1/2 Mile NNW

# PHYSICAL SETTING SOURCE MAP - 3059310.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

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

SITE NAME: Vulcan Materials Company  
 ADDRESS: 19401 N. Cajon Boulevard  
 San Bernardino CA 92407  
 LAT/LONG: 34.1991 / 117.3806

CLIENT: Brown & Caldwell Consultants  
 CONTACT: Brett Bennetts  
 INQUIRY #: 3059310.2s  
 DATE: May 04, 2011 2:12 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A1**  
**NNW**  
**1/4 - 1/2 Mile**  
**Higher**

**CA WELLS      171**

**Water System Information:**

Prime Station Code:	01N/05W-03H02 S	User ID:	TAN
FRDS Number:	3610039017	County:	San Beernardino
District Number:	13	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341217.0 1172302.0	Precision:	100 Feet (one Second)
Source Name:	CAJON WELL 02		
System Number:	3610039		
System Name:	SAN BERNARDINO CITY		
Organization That Operates System:	P.O. BOX 710, SAN BERNARDINO, CA 92402		
Pop Served:	139789	Connections:	39453
Area Served:	SAN BERNARDINO		
Sample Collected:	07/25/2007	Findings:	250. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	07/25/2007	Findings:	72. MG/L
Chemical:	CALCIUM		
Sample Collected:	07/25/2007	Findings:	16. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/25/2007	Findings:	16. MG/L
Chemical:	SODIUM		
Sample Collected:	07/25/2007	Findings:	10. MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/25/2007	Findings:	338. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/25/2007	Findings:	17. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/21/2008	Findings:	22. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/27/2009	Findings:	20. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/21/2009	Findings:	22. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/28/2009	Findings:	250. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	07/28/2009	Findings:	72. MG/L
Chemical:	CALCIUM		
Sample Collected:	07/28/2009	Findings:	16. MG/L
Chemical:	MAGNESIUM		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/28/2009	Findings:	15. MG/L
Chemical:	SODIUM		
Sample Collected:	07/28/2009	Findings:	10. MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/28/2009	Findings:	330. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/28/2009	Findings:	22. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/27/2009	Findings:	20. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/12/2010	Findings:	19. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/26/2010	Findings:	1.02 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/14/2010	Findings:	18. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/20/2010	Findings:	250. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	07/20/2010	Findings:	73. MG/L
Chemical:	CALCIUM		
Sample Collected:	07/20/2010	Findings:	16. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/20/2010	Findings:	16. MG/L
Chemical:	SODIUM		
Sample Collected:	07/20/2010	Findings:	10. MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/20/2010	Findings:	360. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/20/2010	Findings:	24. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/12/2010	Findings:	25. MG/L
Chemical:	NITRATE (AS NO3)		

**A2  
NNW  
1/4 - 1/2 Mile  
Higher**

**FED USGS USGS3134281**

Agency cd:	USGS	Site no:	341218117230201
Site name:	001N005W03H002S	EDR Site id:	USGS3134281
Latitude:	341218	Dec lat:	34.20500784
Longitude:	1172302	Coor meth:	M
Dec lon:	-117.38476916	Latlong datum:	NAD27
Coor accr:	S	District:	06
Dec latlong datum:	NAD83	County:	071
State:	06	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	DEVORE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	470	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	9479335800		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**A3  
NNW  
1/4 - 1/2 Mile  
Higher**

**FED USGS      USGS3134282**

Agency cd:	USGS	Site no:	341218117230301
Site name:	001N005W03H001S	EDR Site id:	USGS3134282
Latitude:	341218	Dec lat:	34.20500784
Longitude:	1172303	Coor meth:	M
Dec lon:	-117.38504695	Latlong datum:	NAD27
Coor accr:	S	District:	06
Dec latlong datum:	NAD83	County:	071
State:	06	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	DEVORE		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	411	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	9479335800		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported  
Water quality data end date: Not Reported  
Ground water data begin date: Not Reported  
Ground water data count: Not Reported

Water quality data begin date: Not Reported  
Water quality data count: Not Reported  
Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

**A4  
NNW  
1/4 - 1/2 Mile  
Higher**

**CA WELLS 170**

### Water System Information:

Prime Station Code: 01N/05W-03H01 S  
FRDS Number: 3610039016  
District Number: 13  
Water Type: Well/Groundwater  
Source Lat/Long: 341218.0 1172303.0  
Source Name: CAJON WELL 01 - INACTIVE  
System Number: 3610039  
System Name: SAN BERNARDINO CITY  
Organization That Operates System:  
P.O. BOX 710,  
SAN BERNARDINO, CA 92402  
Pop Served: 139789  
Area Served: SAN BERNARDINO

User ID: TAN  
County: San Bernardino  
Station Type: WELL/AMBNT  
Well Status: Inactive Raw  
Precision: 100 Feet (one Second)

Connections: 39453

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92407	7	0

Federal EPA Radon Zone for SAN BERNARDINO County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

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### Federal Area Radon Information for SAN BERNARDINO COUNTY, CA

Number of sites tested: 18

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.678 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### 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 M

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### **Qualifications of Environmental Professionals**

## Experience Summary

Timothy Seeno has managed and assisted on a variety of environmental services and water resources projects since joining Brown and Caldwell. During Mr. Seeno's six years at Brown and Caldwell his primary focus has been environmental investigations and soil and groundwater remediation where he has performed technical lead and supporting roles on several large projects for defense contractors, mining companies and federal agencies. These project have include well installation, groundwater sampling and reporting, aquifer testing, geochemical analyses, remedial excavation and installation and maintenance of groundwater remediation systems. Mr. Seeno has also managed and provided supporting roles on multiple Phase I and Phase II Environmental Site Assessments completed in accordance with both ASTM and AAI standards. In addition to environmental services projects Mr. Seeno has assisted on several water resources projects ranging from storm water monitoring and reporting to groundwater modeling and NPDES permitting and sampling.

### Assignment

*Project Manager/Staff Geologist*

### Education

*M.S., Geology, emphasis on groundwater hydrology, San Diego State University, California, 2005*

*B.S., Geology, Sonoma State University, California, 2002*

### Registration

*Professional Geologist, California, No. 8381*

### Training

*40-Hour OSHA HAZWOPER/Health and Safety Training*

*24-Hour MSHA Training*

*Confined Space Training*

*Site Supervisor Training*

### Experience

*6 years*

### Joined Firm

*2003*

### Relevant Expertise

- *Environmental site assessment*
- *Groundwater and soil sampling and assessment*
- *Groundwater Modeling*
- *NPDES sampling and permitting*
- *Soil and groundwater remediation*
- *Technical report preparation*
- *Hydrogeological evaluations*

## Environmental Investigations/Remediation

### Groundwater Investigation, General Atomics, San Diego, California – 2006 through 2008

**Project Geologist.** As part of a Resource Conservation and Recovery Act (RCRA) investigation of a historic chlorinated solvent and 1,4-dioxane release at the facility, Brown and Caldwell conducted an off-site investigation in combination with quarterly groundwater monitoring, updating of the conceptual site model and development of a human health and ecological risk assessment. Responsibilities included oversight of the quarterly groundwater monitoring program, installation of groundwater monitoring wells, soil logging and sampling activities, slug testing, coordinating subcontractors, and performing laboratory oversight. Reporting included an investigation report with an update of the site conceptual model including geology and hydrogeology of the area, fate and transport of solvents in the subsurface, analysis of potential indicators of natural attenuation, and a detailed investigation of the groundwater geochemistry. Additional responsibilities included quarterly groundwater monitoring reports for submittal to the client and the California Department of Toxic Substances Control (DTSC), and assistance with development of the human health and ecological risk assessments.

### Soil Excavation Oversight, Kerr McGee/Anadarko, Newhall, California – 2009

**Project Geologist.** As part of a property transaction, two oil companies were assigned the duty of cleaning up oil accumulation sumps and abandoned oil wells at an active oil field located in northern Los Angeles County, California. To ensure that the interest of both the oil companies and the buyer were being met Brown and Caldwell was hired to perform "umpire" activities which include confirmation sampling and surveying in compliance with the environmental lease agreement signed by both parties. As the field lead for this project duties included coordination of field staff and subcontractors, and collection of representative samples in compliance with the environmental agreement. Additional duties included submittal of failure notices to the client outlining areas requiring further excavation, final reports on each of the excavated areas as well as confirmation letters indicating that clean-up was completed for the area.

### **Soil Excavation and Groundwater Remediation, Hanson America, North San Diego County, California – 2004 through 2009**

**Project Geologist.** This ongoing project is a large-scale methyl tert-butyl ether (MTBE) remediation effort related to a property transfer between private entities. As the field technical lead, activities have included several years of oversight of quarterly groundwater monitoring, oversight of remedial excavation, characterization and monitoring of stockpiled soil, design and monitoring of 17 passive treatment systems for soil containing fuel-impacts, and assistance with design and implementation of an ozone sparge system for removal of dissolved-phase groundwater contamination. Responsibilities for these phases have included oversight of multiple subcontractors (including general contractors for excavation and installation of the sparge system), installation and destruction of monitoring wells and sparge wells, stockpile characterization and acquisition of permits. Duties also included preparation of quarterly groundwater monitoring reports and additional reports with regard to excavation, stockpile characterization, air monitoring, and a site Corrective Action Plan, which included geologic mapping to correlate contamination migration with the observed geologic structure. Site closure is expected in 2011.

### **Installation Restoration (IR) Site 2, U.S. Navy Southwest Division, Former Naval Command Control and Ocean Surveillance Center (NCCOSC), Morris Dam, Azusa, California – 2006 through 2009**

**Project Geologist.** The U.S. Navy is in the process of returning leased property used for the former Morris Dam R&D facility back to the Metropolitan Water District (MWD). The facility is located on a peninsula that extends into the reservoir and was used primarily for torpedo research and development from 1943 until 1993, including studies of torpedo water surface impact and torpedo propulsion systems. As a staff geologist, duties have included contributions to the Removal Site Evaluation (RSE), Engineering Evaluation and Cost Analysis (EE/CA), and Action Memorandum. These activities were conducted within the context of the CERCLA process, and are subsequent work to a Preliminary Assessment (PA) and a Site Inspection (SI), also completed by Brown and Caldwell. For the RSE field work phase of this project, activities included multiple investigation techniques, such as groundwater and surface water sampling and soil sampling, soil gas sampling, and sediment sampling. Responsibilities on this project included assistance with groundwater sampling, assessment of soil data in comparison to general and calculated site-specific soil screening levels (SSLs), a detailed analysis of groundwater and surface water geochemistry, hydrogeologic interpretation of available data in fractured media of the peninsula and updates to the local and regional geologic model. Reporting duties for this project included development of several sections of the RSE Report, EE/CA, and Action Memorandum.

### **VOC Investigation for Former TCE/TCA Tank Farm, General Dynamics Properties, Inc., San Diego, California – 2003 through 2009**

**Project Geologist.** On a 232-acre property currently undergoing redevelopment for future mixed residential/industrial use, Brown and Caldwell has been investigating groundwater due to a release of trichloroethene (TCE) and 1,1,1-trichloroethane (TCA) from a former underground storage tank (UST)/aboveground storage tank (AST) farm since 1999. Activities performed since 1999 include groundwater, soil and soil gas sampling, and preparation of various technical reports discussing the hydrogeologic and conceptual model for the property along with human health risk screening. As part of the project team, field duties have included soil moisture profiling, soil gas well installation, soil gas sampling, dense non-aqueous phase liquid (DNAPL) extraction, monitoring well abandonment and groundwater sampling. Other duties have included assistance with development of workplans, various technical memoranda, and a technical report with regard to human health risk screening in a residential area adjacent to the property.

### **VOC Investigation for General Dynamics Properties, Inc., Former East Camden Facility, Camden, Arkansas – 2009**

**Project Manager.** The Former East Camden facility was used by General Dynamics and several subsidiaries to manufacture electronics components for defense projects. During a series of investigations, it was discovered that soil was impacted with Chromium VI and groundwater was impacted with chlorinated solvents. Brown and Caldwell has been providing technical support and assisting with negotiations with the Arkansas Department of Environmental Quality (ADEQ) since 2005. Investigation activities have included groundwater monitoring, development of a human health risk assessment, and evaluation of remediation alternatives. As the project manager and lead geologist since 2009, duties on this project include negotiations with the ADEQ and

development of a Work Plan and Quality Assurance Plan for continued assessment of the property in line with the ADEQ technical guidance document.

### **Groundwater Sampling and Reporting at Former Marine Corps Air Station Tustin, U.S. Navy Southwest Division, Tustin, California – 2003 through 2006**

**Project Geologist.** Following the initial site investigations that have been conducted at the base, including a RCRA facility assessment (RFA) and a remedial investigation (RI), the sites on base that were identified as having the potential for leaching contaminants into the groundwater were integrated into a base wide groundwater monitoring program. The main sites identified were Installation Restoration (IR) sites 1, 3, 6, 12, and 13S, which showed concentrations of chlorinated solvents. Conducted quarterly monitoring and reporting and updated the groundwater monitoring plan on an annual basis to refine objectives and reduce costs where applicable. Duties for this project included assistance in the preparation of reports, sampling, and the updating of the sample databases.

### **Groundwater Investigation – Former Gasoline and Diesel Service Station, Confidential Client, Temecula, California – 2006 through 2009**

**Project Geologist.** This ongoing project is for investigation and remediation of groundwater beneath a former gasoline and diesel service station. The site is located above a drinking water aquifer and the case is under the oversight of the San Diego Regional Water Quality Control Board (SDRWQCB). Activities for this project include routine groundwater sampling and reporting for total petroleum hydrocarbons in the diesel and gasoline ranges (TPH-d and TPH-g, respectively) and benzene, toluene, ethylbenzene and xylene (BTEX) along with fuel oxygenates including MTBE. Responsibilities include performance of groundwater sampling, coordination of subcontractors, installation of ozone sparge wells and analysis of concentration trends and trends in indicators of aerobic biodegradation. In addition, duties have included negotiations and discussions with representatives from California State Water Resources Control Board regarding payment through the UST Fund, and reductions in sampling frequency. Remediation will begin on this project during 2010 using ozone sparging.

### **Vadose Zone (VLEACH) Modeling – Confidential Manufacturing Company – Gardena, California – 2009**

**Project Geologist.** Brown and Caldwell has performed remediation of chlorinated solvents (primarily tetrachloroethene [PCE]) in the unsaturated zone at the manufacturing Site using soil vapor extraction. To confirm that residual PCE will not be a continuing source to groundwater, the United States Environmental Protection Agency's (USEPA) VLEACH model was run to simulate transport of PCE through the unsaturated zone over a 30-year period. In addition, a site-specific dilution factor was calculated to determine the effects of dilution upon PCE entering the saturated zone. Duties for this project included synthesis of available Site data, model set-up, and then running of the model to determine model sensitivity and predicted mass transport. The model results were used to successfully show that mass transport from the source area to the saturated zone was minimal.

### **Site Closure Reporting, U.S. Navy Southwest Division, Marine Corps Air Station (MCAS) El Toro, El Toro, California – 2005**

**Project Geologist.** Sampling and reporting were performed for four areas that contained hazardous materials storage units used during past operations. Sampling included direct push borings around the units to delineate the presence or lack of presence of contamination to allow for site closure. Responsibilities included report preparation, risk assessment calculations, and quality assurance/quality control (QA/QC) for the analytical data from the four areas.

### **Various Investigation Activities, Shell Oil Company, Inactive Refinery, Carson, California – 2004**

**Field Geologist.** Collected soil and groundwater samples using the following methods: CPT, Split Spoon, SimulProbe, TerraCore, SS tubes, and bailers. Provided oversight and geologic logging for Hollow Stem, Mud Rotary, and Direct Push drilling methods.

### **Underground Storage Tank (UST) Removal, Confidential Mining Company, North San Diego County, California – 2005**

**Project Geologist.** Performed oversight, sampling, and reporting during the removal of gasoline and diesel USTs at the subject mining site. In addition to the sampling of the tank pit, stockpiles were sampled and

characterized using statistical analysis to determine reuse options. Once sampling was completed, a closure report was written that included a summarization of the data, statistical analysis of the stockpile characterization results, and recommendations for future actions.

### **Soil Sampling and Reporting, Confidential Mining Company, San Diego California – 2005 through 2006**

**Project Geologist.** Several areas of soil containing petroleum hydrocarbons were detected by the mining company during site reclamation. Brown and Caldwell performed sampling in the area to determine the lateral extent and depth of contamination. Once the soil was characterized, it was removed under Brown and Caldwell oversight and confirmation sampling was performed to ensure that soil was removed to the extent possible. Responsibilities included sampling, oversight of removal, and assistance with a letter to client outlining results and recommendations.

## **Groundwater Resources Development and Modeling**

### **Groundwater Modeling in Support of a Designation of Assured Water Supply, Town of Buckeye, Arizona – 2008**

**Hydrogeologist and Modeling Support.** Brown and Caldwell provided the technical and groundwater modeling support for the Town of Buckeye's to application for a Designation of Assured Water Supply. Procuring status as a designated water provider is a key step in the Town's plan to meet the water resources management challenges in the Lower Hassayampa Sub-Basin. Designated providers must demonstrate a 100-year water supply as part of the hydrologic study required for the application; Brown and Caldwell used the Lower Hassayampa Sub-Basin Groundwater Model to develop predictive simulations of the growth in the region and assess the impacts of groundwater pumping on the aquifer system. The project is ongoing; the application and modeling results are currently under review by the state regulatory agency.

### **Groundwater Modeling in Support of Infiltration Basin Evaluation, Idaho Water and Power, Idaho – 2009**

**Hydrogeologist and Modeling Support.** As part of an investigation into the viability of infiltrations basins for effluent discharge, Brown and Caldwell installed monitoring wells in the vicinity of the potential infiltration basins and performed ground water modeling. As part of the restrictions on effluent infiltration, the effluent could not increase the values of TDS and nitrate above background conditions outside of the boundaries of the land parcel. As part of the modeling team for this project, duties included investigation of 2-D equations for screening level assessment of discharge and attenuation of TDS and nitrate, followed with development of a 3-D fate and transport model using MODFLOW and MT3D.

### **Groundwater Well Construction Management Review, Porterville Developmental Center, Porterville, California – 2009**

**Project Geologist.** As a subcontractor to the construction management company Brown and Caldwell performed a detailed construction and records review for a production well installed as part of a well field expansion. Duties for this project included review of construction details ensuring compliance with California well standards, and review of available documentation to verify that contract obligations were met. The findings from these activities were summarized in a technical memorandum to the Client for negotiation with their subcontractors.

## **NPDES Development and Stormwater Investigations**

### **Report of Waste Discharge Update, Sea World of San Diego, San Diego, California – 2006 through 2007**

**Technical Lead.** At the request of the SDRWQCB the client was required to characterize the potential discharge of contaminants into a local bay due to their summer fireworks program. Once the discharge was characterized, the client was then required to submit a Report of Waste discharge to determine if a NPDES permit was required due to fallout from the fireworks. All phases of this project were conducted in a constrained time frame to allow for adequate review of materials by legal and regulatory personnel. Initial planning included development of a sampling plan to allow for a defensible characterization of the discharge,

which included innovative sampling techniques for sampling from a boat, procurement of subcontractors who had specialized experience in explosives and seawater sampling, and development of specific health and safety procedures for operating from a boat. Once sampling was completed, duties included assistance with the technical report presenting the data and update of Report of Waste Discharge permits from the USEPA and SDRWQCB for NPDES permitting.

#### **NPDES Water and Sediment Sampling, Sea World of San Diego – 2008 through 2009**

**Project Scientist.** Based on the findings from the initial assessment and Report of Waste discharge, the SDRWQCB amended Sea World's NPDES permit to include additional sampling of sediment and water within Mission Bay to determine the long term impacts of there nightly fireworks displays. Monitoring requirements by the SDRWQB included three summer sampling events in both the firework area along with two background areas. Analyses requested included metals, explosives, several inorganic analytes including perchlorate, and toxicity and infauna analyses of sediment samples. Duties for this project include coordination of subcontractors, storage and review of data, statistical analysis of results and development of annual reports tying together multiple data points including chemical concentrations, toxicity results and benthic response.

#### **NPDES Waste Water Sampling, Sea World of San Diego, San Diego, California – 2006 through 2009**

**Project Scientist.** To meet NPDES permit requirements the client was required to monitor influent and effluent concentrations of total suspended solids, copper, silver, turbidity, oil and grease, and acute toxicity. Samples were composited using an automatic sampler and one grab sample was taken during the event to confirm sample results. Results of the sampling were then compared to waste water discharges to determine total mass of chemicals being discharged from the facility. Duties for this project included setting up automatic samplers, compositing of samples, discussion with the laboratory, and submitting results to the client.

#### **Mass Loading Evaluation, U.S. Navy Southwest Division, Marine Corps Base Camp Pendleton, San Diego, California – 2008**

**Project Scientist.** Under contract with the U.S. Navy Brown and Caldwell performed wet weather and dry weather sampling at a mass loading evaluation station located on the Santa Margarita River within the boundaries of Camp Pendleton. This project is part of the overall TMDL program for the Santa Margarita River which flows through the center of the Marine Corps Base. Duties for this project included both assistance with field work and production of the annual report. Field activities included monitoring and operation of the automatic sampler and collection of grab samples. Duties for the annual report included synthesis of United States Geological Survey USGS and field flow data and calculation of the mass load of several water quality parameters.

#### **San Diego County Stormwater Sampling, County of San Diego, San Diego, California – 2005 through 2009**

**Project Scientist.** To assess contributions with regard to total maximum daily loads (TMDLs), Brown and Caldwell performed storm water sampling for several rivers and creeks in northern San Diego County. Sampling included the collection of composite water samples using automated equipment during storm events and collection of grab samples during peak flows. Duties for this project included monitoring automatic sampling equipment at several stations, collecting grab samples, and submitting samples following chain-of-custody protocol.

#### **Best Management Practice and Receiving Water Monitoring for State Route 56, California Department of Transportation District 11, San Diego, California – 2004 through 2006**

**Project Scientist.** Performed dry weather and wet weather sampling for two Continuous Deflection Separation (CDS) units located on SR-56 and adjacent Carmel Creek. Tracked vector control data provided by San Diego County. Coordinated deliveries and discussed results with analytical laboratory. Completed data QA/QC and communicated with data quality assurance subconsultants. Tabulated 2003-2004 laboratory data and performed analysis. Prepared Monitoring Report, including figures, for the 2003-2004 monitoring season.

## Phase I and II Environmental Site Assessments (ESA) and Environmental Audits

**Environmental Audits of Cement Plant Operations, Confidential Mining Company, California – 2009**  
**Project Geologist.** As part of an internal audit of cement operations, Brown and Caldwell was tasked with performing site visits at multiple cement plants on the west coast for the client and evaluating operations compared to local, state, and federal regulations. Duties on this project included performing site visits and evaluation of operations, permits, and documentation including SPCC and SWPPP plans. The findings from the evaluations were then summarized in technical memoranda supplied to the client.

**Phase I ESA and Risk Assessment, Distinctive Properties Company, California –2008 through 2009**  
**Project Manager/Project Geologist.** In support of a comprehensive redevelopment plan of the Brown Field Municipal Airport in southern San Diego County, Brown and Caldwell performed 13 Phase I ESAs and risk assessments on twelve parcels of land. The Phase I ESAs followed ASTM and AAI guidelines with specific deviations as requested by the client. The risk assessments identified potential environmental conditions in connection with the parcels and provided costs to remediate the conditions prior to development. Duties for this project included project management, records reviews, property survey, interviews with previous owners, and development of reports and a risk matrix showing approximate cost for remediation.

**Phase I and II ESAs, Confidential Mining Companies, Southern California. 2003 through 2009**  
**Project Manger/Project Geologist.** Managed and assisted with preparation of over 20 Phase I ESAs and subsequent Phase II ESAs at aggregate mines, processing plants and vacant lands. Phase I and Phase II ESAs were performed in accordance with both ASTM and AAI standards. Assessments included a records review, property survey, and interviews. Phase II ESA activities included soil and groundwater sample collection, cost analyses and technical reports summarizing results of investigation activities.

**Phase I and II ESAs, Confidential Mining Company, San Bernardino, California. 2006 through 2009**  
**Project Manager/Project Geologist.** As part of a confidential land acquisition project Brown and Caldwell has performed Phase and Phase II investigations at several parcels over a four year period. As the project manager and project geologists for these project duties have included managing the projects as well as performing the Phase I and II field work and reporting. Phase II investigations have included soil sampling as well as procurement and management of subcontractors performing lead based paint and asbestos containing building materials investigations and remediation.

## Other Projects

### Field Reconnaissance Program, Pyramid Construction Company, Imperial County, California – 2008

**Field Geologist.** Brown and Caldwell has been supporting the development of a former gold mine in southeast California near Yuma, Arizona since 2007. To facilitate the development of the mine, Brown and Caldwell has produced reclamation plans, SWPPPs, and other relevant documents, and has been a liaison for the client in negotiations with the Bureau of Reclamation and other local and state regulators. Duties in support of the project have included implementation of a field reconnaissance program for the estimation of available aggregate reserves in several stockpiles created during gold mining and assessment of potential residual cyanide in the piles from the processing of the ore. As part of the field reconnaissance program, duties included field mapping of the extent of the stockpiles, collection of aggregate samples to determine usable fraction, and collection of samples distributed across the stockpiles for cyanide analyses. Duties also included development of a technical memorandum for the Bureau of Reclamation outlining results from the cyanide sampling and potential threat of cyanide during future aggregate usage.

## Memberships

National Groundwater Association  
 California Groundwater Association

## Experience Summary

Mr. Bennetts has experience as a civil engineering consultant with an emphasis in supplementing and handling the design and analysis of utility systems, stormwater sampling and erosion control. Brett's experience includes working in water resource master planning, hydraulic system modeling, drafting and design of plans for pipeline and pump station projects; as well as multiple stormwater sampling events, best management practices (BMPs), culvert design, hydrologic modeling and compliance paperwork. He is proficient with ArcMap GIS, ArcView GIS, AutoCAD (2000-2010), Softdesk, SewerCAD, Hydra and Flow Master, as well as various spreadsheets and word processing software packages.

### Assignment

*HMP Monitoring Plan*

### Education

*B.S., Civil Engineering with Environmental Option Emphasis, California State Polytechnic University Pomona, 2004*

### Registration

*Professional Civil Engineer C75581, California, 2010*

*NAVFAC DoD Portal Clearance, 2009*

### Training

*AutoCAD 2003 Certified, 2004*

*First Aid, CPR, and Safety Training, 2009*

*40-hr HAZWOPER*

### Experience

*6 years*

### Joined Firm

*2006*

### Relevant Expertise

- *Closed conduit design*
- *Open conduit design*
- *SWPPP and NOI*
- *HASP, APP and AHA*
- *Collecting existing utility and topography data*
- *Stormwater sampling, including logistics management*

### Hydromodification Management Plan, County of Sacramento, California

**Project Engineer.** Brett managed the compilation and refinement of 35 years of historical hourly rainfall data from 4 individual rain gauge stations within Sacramento County for use in conducting HSPF modeling associated with implementation of the Sacramento Hydromodification Management Plan. Preparation of rainfall data consisted of transferring data between NOAA TD3240 format into a manageable WMD dataset for the HSPF modeling software. He prepared the technical memorandums which summarized the methodology and hydrologic data for each of the rain gauge stations. He also calculated the mean annual precipitation for all years within the dataset.

*[October 2009-June 2011, \$129K, 138500]*

### Hydromodification Management Plan, County of San Diego and San Diego County Copermittees, California

**Project Engineer.** Brett managed the compilation and refinement of 35 years of historical hourly rainfall information from 20 rain gauges across San Diego County for use in conducting HSPF modeling associated with implementing the San Diego County Hydromodification Management Plan. He created the methodology toward identifying inherent data gaps and, when required, supplemental rainfall sets to provide sets of historically consistent .WMD data files for uploading to the County's Project Clean Water website.

*[September 2007-April 2010, \$1MK, 133904]*

### Lake Elsinore and Canyon Lake Nutrient TMDL Watershed-wide Storm Monitoring Program, Lake Elsinore and San Jacinto Watersheds Authority, Lake Elsinore, California

**Project Engineer and Field Leader.** Brett prepares the annual water quality report and figures associated with stormwater monitoring activity. As field leader, he performed weather tracking, coordination and onsite field activities during wet-weather seasons 2008-09, 2009-10 and 2010-11. Project planning included the creation of a QAPP and a sampling and analysis plan (e.g., field forms, protocols, necessary equipment, etc.). He manages the records of all field and laboratory analysis in SWAMP format in order to calculate mean water quality parameter volumes/concentrations of nutrients as required by the TMDL. In 2009-10, he oversaw the installation and programming of ISCO automatic samplers toward obtaining time-weighted discrete samples across the hydrograph, eliminating the need for manual sampling.

*[November 2008-Ongoing, \$114K, 136500.]*

### **Big Bear Lake Nutrient TMDL Compliance Program Watershed-Wide Water Quality Monitoring, Santa Ana Watershed Project Authority, California**

**Project Engineer and Field Leader.** Brett performs multiple roles during each storm event; including, initial site assessment, project planning, equipment and personnel logistics and preparation, health and safety protocols and in-field verification, pre-storm and onsite training, central communication with stormwater staff, clients and subcontractors, stormwater sampling and other field tasks. Project planning included the creation of a monitoring plan, sampling schedule, sampling design (e.g., field forms, protocols, necessary equipment, etc.) for manually collecting both flow-weighted composite samples and multiple discrete samples across the hydrograph. Prepared an in-field modeling calculator to determine the necessary aliquot volumes based on a flow-proportional relationship. Managed and prepared a record of all field and laboratory analysis in SWAMP format in order to calculate mean water quality parameter volumes/concentrations. Prepared the annual water quality report and associated figures.

[July 2010-June 2011, \$120K, 139757]

### **State Route 125 Stormwater BMP Monitoring, South Bay Expressway, San Diego County, California**

**Engineer II.** Brett coordinated the supply of sampling and holding equipment, vehicles and field personnel. He oversaw the logistics of six field teams while in the field myself. This work required a quick presence during a very irregular schedule, as the work begins only during large storm events. Other responsibilities include witnessing and recording the physical events surrounding the sometimes 16+ hour storm event, insuring previously installed sampling equipment functions properly and controlling the water quality samples using COC forms.

[June 2007-June 2008, \$70K, 133369; September 2008-June 2010, \$75K, 136138]

### **AgSEP Monitoring, Santa Ana Watershed Project Authority, California**

**Engineer II.** Brett coordinated the collection of both baseline and 2009-10 wet season stormwater samples toward identifying the host organism of E.Coli via genetic *bacteroidales* analysis (e.g, human cow or dog).

[February 2009-December 2009, \$18K, 137034]

### **Middle Santa Ana River Pathogen TMDL Monitoring, Santa Ana Watershed Authority (SAWPA), Riverside and San Bernardino Counties, California**

**Engineer III.** Directed field monitoring program to evaluate levels of indicator bacteria within the Middle Santa Ana River Watershed. Specifically, conducted Urban Source Evaluation Program (USEP) to evaluate bacteria contributions from specific land uses during both dry weather and wet weather. Sampled for bacteroides, a microbial source tracking method, to identify host organisms. Oversaw monitoring of BMPs to evaluate bacteria removal effectiveness, including a biofiltration swale, extended detention basin, and proprietary devices (Contech Storm Filter Unit and Kristar Up-Flo Filter).

### **Stormwater and Environmental Compliance for Rimrock Quarry, Chula Vista, California**

**Engineer II.** Brett developed a stormwater pollution prevention plan (SWPPP) for an industrial mineral mining operation – SIC code 1411,1429 and 1442. This work included preparing an submitting the Notice of Intent (NOI), identifying various best management practices (BMPs), and developing a site map using field visits to assess any potential pollutant sources.

### **Roadside Vegetated Treatment Sites Study, Caltrans District 8, California**

**Engineer II.** Brett created and oversaw the CAD installation design plans. He calculated the flow volume and flow rate to determine concrete trench size, placement and slope. Other responsibilities include submitting encroachment permits, gathering existing utility and highway design data, field surveying, cost estimating, writing the design report, and helping to write the project specifications.

### **Stormwater and Environmental Compliance for Rimrock Quarry, Chula Vista, California**

**Engineer II.** Brett developed a stormwater pollution prevention plan (SWPPP) for an industrial mineral mining operation – SIC code 1411,1429 and 1442. This work included preparing an submitting the Notice of Intent (NOI), identifying various best management practices (BMPs), and developing a site map using field visits to assess any potential pollutant sources.

### **Open Graded and/or Gap Graded Asphalt Pavement Water Quality Study, Caltrans Districts 1, 4 and 5, California**

**Engineer II.** Brett managed and helped the CAD group create the installation design plans. He created the design report with management and client overview. Other responsibilities included submitting encroachment permits, contacting various county planning commissions for two-year projected projects near or at our sites; gathering existing utility and highway design data, interpolating the average precipitation for a 25-year, six-hour storm event from the NOAA; and calculating the flow volume, flow rate and hydraulic jump to determine pipe size, placement and slope. He determined and ordered the flume, telemetry and electrical equipment.

### **Arid Region Non-Vegetative Permanent Erosion Control Site Design, Caltrans Districts 8 and 11, California**

**Engineer II.** Brett is helping design stormwater runoff collection units, site layout and safety initiatives during construction. He managed and helped the CAD group create the installation design plans, and he created the design report with management and client overview. Other responsibilities include submittal of encroachment permits per District; collecting information of the various erosion control products; gathering existing utility and highway design data; and calculating the flow volume and flow rate to determine collection volume, pipe size, placement and slope.

### **Sewer System Master Plan (SSMP), U.S. Marine Corps Base Camp Pendleton, California**

**Engineer II.** Prepared the Sewer System Master Plan (SSMP) for Marine Corps Base Camp Pendleton, one of the largest military bases on the west coast of the United States. The SSMP was prepared to comply with California State Water Resources Control Board (CA SWRCB) Waste Discharge Requirements (WDRs). Preparation included data gathering, multiple department communication and providing design performance recommendations. Final deliverable also included the preparation of a Base Order for the control of fats, oils, and grease (FOG) disposed of in the sanitary sewer system; complete mapping of the northern and southern sewage collection system infrastructure; preparation of a Sanitary Sewer Overflow Response Procedure (SSORP); and SSMP Annual Audit Form.

### **Health and Safety Plan (HASP) and Accident Prevention Plan (APP) for Marine Corps, Camp Pendleton Base, California**

**Engineer II.** Brett identified various hazards associated with Stormwater monitoring activities within Camp Pendleton and ergonomic activities within the office. He created and finalized the HASP, APP and activity hazard analyzes (AHA) to create a safe working environment and to comply with U.S. Army Corps of Engineers health and safety standards.

### **Aqua Hedionda & Calavera Creek Dredging and Improvements, City of Carlsbad, California**

**Engineer II.** Brett worked alongside the CAD group to create a dredging plan and profile plan. He helped locate and size multiple on-site gabion drop structures. Other responsibilities include gathering existing utility data, collecting creek channel configuration from a previous dredge by the U.S. Army Corps of Engineers, assisting with the FEMA application for flood map change, and designing a sound wall and the replacements of concrete headwall and overside drains.

### **Mission Trail Transmission Main Replacement, Elsinore Valley Municipal Water District, California**

**Assistant Engineer.** Assisted in the design and layout plans for the replacement of over 3,000 feet of a burst 24-inch PVC water main. Led the creation of a field verification of the site, including a step-by-step video of the existing road and utility conditions, for delivery and testament purposes.

## **Memberships**

American Society of Civil Engineers (ASCE)  
American Water Works Association (AWWA)  
California Waterfowl Association (CWA)

## **Publications**

N/A

## APPENDIX N

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### **San Bernardino County Fire Department Record Search**

11050604 San Bernardino Ral Brown Caldwell  
**SAN BERNARDINO COUNTY  
FIRE DEPARTMENT**



COUNTY OF SAN BERNARDINO

OFFICE OF THE FIRE MARSHAL  
HAZARDOUS MATERIALS DIVISION  
620 South "E" Street • San Bernardino, CA 92415-0153  
(909) 386-8401 • Fax (909) 386-8460

MARK A. HARTWIG  
Fire Chief

June 8, 2011

**BROWN & CALDWELL**  
**9665 CHESAPEAKE DR., #201**  
**SAN DIEGO CA 92612**

**ATTENTION: BRETT BENNETTS**

**SUBJECT: CERTIFIED RECORD SEARCH FINDINGS**  
**RE: 19401 N CAJON BLVD. SAN BERNARDINO, CALIFORNIA**

This is to confirm that the San Bernardino County Hazardous Materials Division has identified records that may pertain to the subject site, as described in your request for records search.

The file(s) shown below have been retrieved for review. If you wish to view the original documents, please e-mail this office at [eking@sbcfire.org](mailto:eking@sbcfire.org) or call the number at the end of this letter to arrange an appointment.

**ACTIVE PERMIT FACILITIES:** (Regulatory files for facilities with annual operating permits to maintain underground storage tanks, storage hazardous materials, and/or generate hazardous waste. Files include permits, inspections, reports, test results, correspondence, and related materials. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities still in operation).

Vulcan Materials Western Division  
19041 Cajon Blvd.  
San Bernardino

FA0010129  
Hazardous Material Handler Permit  
Hazardous Waste Generator Permit  
- special permits (consolidated manifests)

**INACTIVE PERMIT AND/OR NON-PERMIT FACILITIES:** (Inactive regulatory files for formerly permitted facilities that maintained underground storage tanks, stored hazardous materials, and/or generated hazardous waste and/or facilities with underground storage tanks removed and/or materials and waste removed. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities no longer operating underground tanks).

No record of inactive permit and/or non-permit facilities

**PERMITS TO REMOVE/INSTALL/MODIFY UNDERGROUND STORAGE TANKS:**

No permits to remove/install/modify ugsts identified in this search

GREGORY C. DEVEREAUX  
Chief Executive Officer

Board of Supervisors  
BRAD MITZELFELT.....First District  
JANICE RUTHERFORD.....Second District  
JOSIE GONZALES.....Fifth District  
NEIL DERRY .....Third District  
GARY C. OVITT.....Fourth District



**HAZ MAT INCIDENT RESPONSE ACTIVITY:** (other records of spill notifications and/or complaints not listed below may also exist in facility permit files).

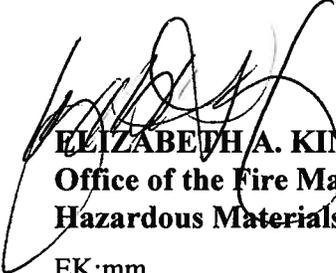
No record of haz mat incident response identified in this search

**SITE REMEDIATION:** (Underground Storage Tank Clean-Up under Local Oversight Program or Voluntary Hazardous Waste Clean-Up activity under Local Jurisdiction) (documents may be included in regular active or inactive permit files listed above).

No record of site remediation and/or cleanup under local oversight identified in this search.

Records searched include permit database systems for facilities with permits as hazardous waste generators, hazardous materials handlers, and/or underground storage tanks, including inactive and/or out of business records; logs of permits issued for the removal and/or installation of underground storage tanks; records and databases pertaining to illicit dumping and releases; records of non-permitted facilities; sites undergoing remediation for contaminated soil and/or groundwater; and incidents responded to by the hazardous materials emergency response team. Records date back to early 1980's.

**Records consist of 1 file, about ½" thick.** To request a file review appointment or further clarification, contact this office (909) 386-8468 or by email to [eking@sbcfire.org](mailto:eking@sbcfire.org).



**ELIZABETH A. KING, Environmental Specialist III**  
**Office of the Fire Marshal**  
**Hazardous Materials Division, Public Records Program**

EK:mm

\*We will copy up to forty (40) pre-selected pages from a file at a charge \$0.24 per page copied. (Be prepared to make this payment at the time of service). If the copies selected exceed forty (40) pages or if you want a copy of the entire file and it exceeds forty (40) pages, we will refer you to a private copy service. If you prefer to bring a portable copier on site, you may do so. Please let us know your plans in advance so that accommodations can be made.

