

**INITIAL SITE ASSESSMENT
FOR THE PROPOSED STATE ROUTE 68
(HOLMAN HIGHWAY) WIDENING PROJECT
05-MON-068-KP 6.1/7.1(PM3.8/4.4)
IN THE CITY OF MONTEREY,
MONTEREY COUNTY,
CALIFORNIA
EA 05-448000
FINAL REPORT**

Prepared for:

Mark Thomas & Company, Inc.
90 Archer Street
San Jose, CA 95112-4501

and:

City of Monterey
City Hall
Monterey, CA 93940

and

California Department of Transportation, District 5
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*December 2003
Revised February 19, 2004*

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EXECUTIVE SUMMARY

PAR Environmental Services, Inc. (PAR) conducted an Initial Site Assessment (ISA) for hazardous materials within and adjacent to the proposed project area of the State Route (SR) 68 Widening Project. The ISA included a review of historic maps, aerial photographs, contacts with local, state, and federal agencies, a site visit, and a hazardous material database search by Environmental Data Resources, Inc. (EDR). The purpose of this ISA is to document any evidence of current and/or past groundwater soil contamination from potentially hazardous waste or material present in the proposed project area.

The ISA identified three known hazardous material sites, 4 potentially hazardous material locations, 4 historic hazardous material locations, and one hazardous material observation from the field review. No documented contaminated groundwater plumes are present within or adjacent to the proposed project area. All documented soil contamination has undergone remediation.

Testing for aerially deposited lead contamination along the shoulder of State Route 68 (SR 68) is recommended. Testing should be completed in the early stages of the project design. Structure demolition (i.e., Scenic Overcrossing and possibly Highway 1 Bridge) will require testing for Asbestos Containing Materials and lead-based paints. In addition, pavement striping shall be tested for lead-based paints and, if present, be disposed of at a Class 1 hazardous waste landfill.

If any indication of contamination, such as odors or stained soil, is encountered during grading, excavating, and other construction activities, work in the area shall be stopped immediately. The local fire department shall be notified and the soil tested.

The rock/wood retaining feature noted along the SR 1 southbound on ramp, if impacted, should be properly disposed of prior to construction of the project.

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1.0 INTRODUCTION

1.1 Purpose of the Technical Reports

This technical report is one in a series of reports prepared to assess the impacts of the proposed State Route 68 (Holman Highway) Widening Project. The proposed project is located in Monterey County, California as shown in Figures 1-1 and 1-2. These technical reports contain information in support of an Environmental Impact Report (EIR), as required by the California Environmental Quality Act (CEQA) and an Environmental Assessment (EA) as required by the National Environmental Policy Act (NEPA). The City of Monterey is the lead agency for CEQA and the California Department of Transportation (Caltrans)/Federal Highway Administration (FHWA) is the lead agency for NEPA.

The purpose of this Initial Site Assessment (ISA) is to provide documentation for the storage and handling of hazardous materials, as well as the location of any soil and groundwater contamination. This report has been prepared in accordance with *Caltrans Environmental Handbook*, Volume I (Caltrans 1975, updated 1995 and on-line updates).

1.2 Purpose of the Proposed Action

The purpose of the project is to relieve existing and future traffic congestion, improve traffic safety and traffic operations, minimize delay of emergency vehicle access to the Community Hospital of Monterey Peninsula (CHOMP) and reduce the incentive for bypass traffic through the Skyline Forest neighborhood. It would also result in improved access to the Pebble Beach entrance, CHOMP and the Beverly Manor and Carmel Hill Professional Center.

1.3 Need for the Proposed Action

SR 68 is heavily congested (over 2,300 vehicles per hour peak) during the weekday afternoon period from 3 pm to 6pm. Rear-end accidents are common, suggesting excessive vehicle queuing at all approaches for the signalized intersection with SR 1 southbound ramps. Traffic forecasts representing the year 2020 show the pm peak hour traffic demand on SR 68 reaching 2,860 vehicles. Traffic is projected to increase by 24 percent. The proposed action is needed to improve traffic safety, traffic operations, reduce rear-end accidents, and improve/ reduce emergency vehicles service delays.

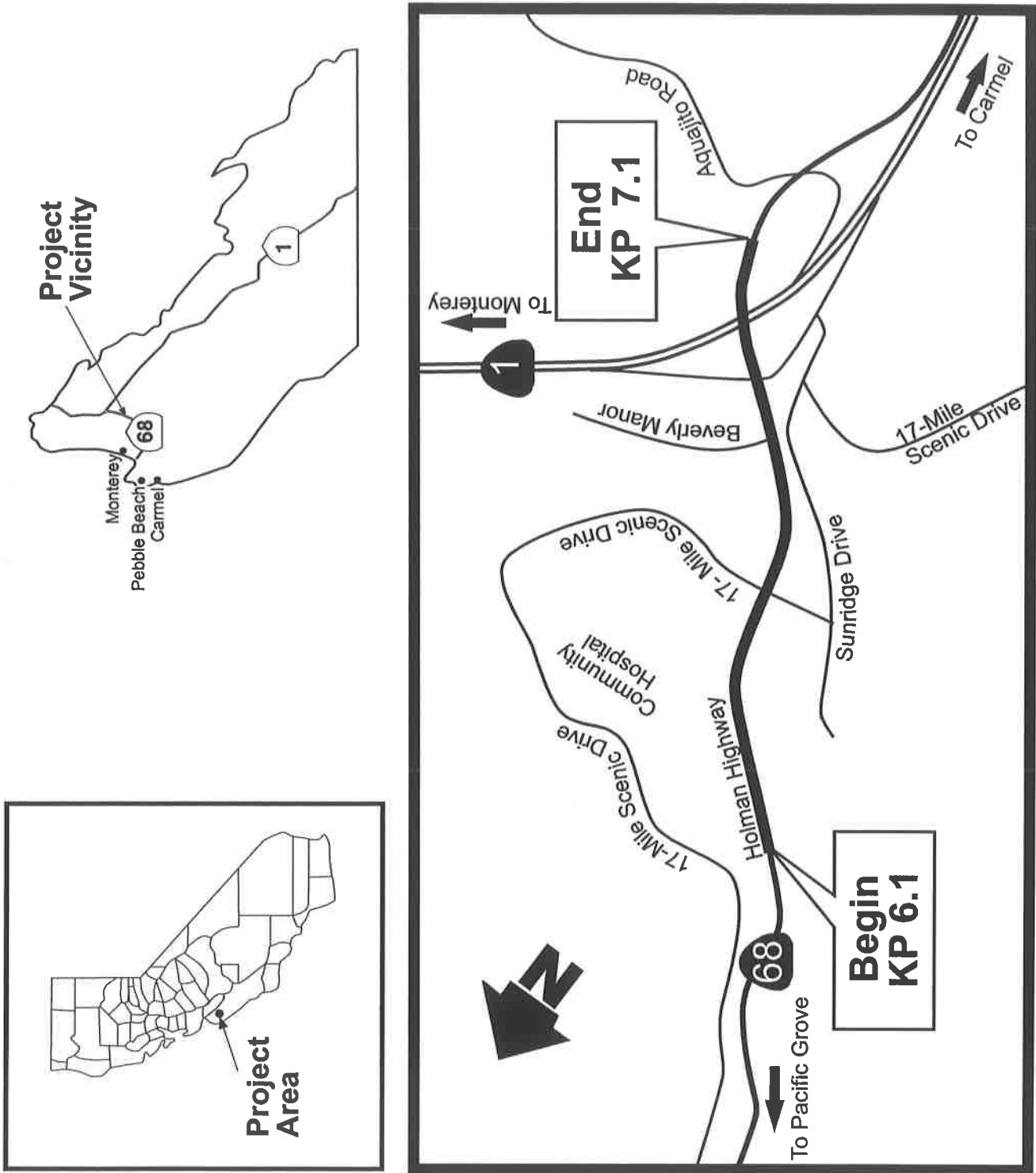


Figure 1-1. Project Vicinity Map
 (Source: Project Study Report on Route 68, November 2000 Mark Thomas & Co.)

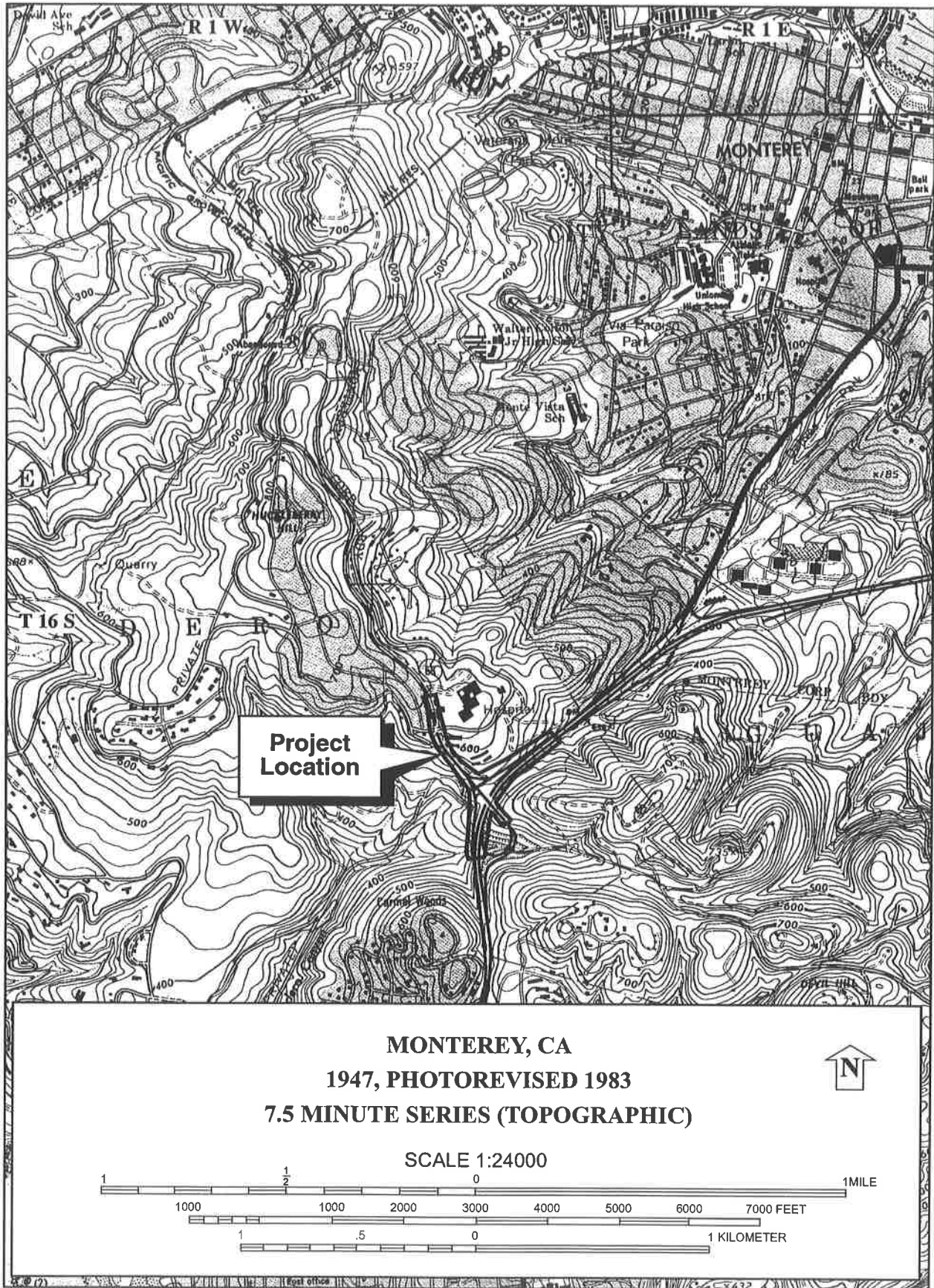


Figure 1-2. Project Location Map

2.0 PROJECT DESCRIPTION

2.1 Project Location

The project is located in Monterey County from approximately 0.2 kilometers (km) (0.1 miles) west of the CHOMP entrance to the State Route (SR) 1 and Route 68 junction (see Figures 1-1 and 1-2).

2.2 Project Background

Route 68 is a two-lane undivided roadway constructed in the early 1940s. It serves as the primary transportation facility between SR 1 and the City of Pacific Grove, Pebble Beach and CHOMP. In the mid 1950s this portion of the roadway was upgraded with improved radii and superelevation. It was subsequently designed as part of Route 68 with a post speed of 55 kilometers per hour (kph). Currently there are two 3.6 meter (m) (11.8 feet) lanes with shoulders ranging from 0.6 m (2.0 feet) and 1.2 m (3.9 feet).

In the 1980s, Monterey Peninsula cities formed Holman Highway Task Force to address access problems to CHOMP and levels of service along Route 68. This Task Force oversaw the transportation improvements along Route 68 from its terminus at Pacific Grove and SR 1. Its goal, in part, was to enhance the quality of transportation services on Route 68. Many objectives were established, a few of which included installation of a new Spanish Bay Gate, construction of a westbound lane through the CHOMP intersection and addition of an eastbound lane from the CHOMP entrance to the SR 1 interchange. While some work has been completed such as the Spanish Bay Gate and a westbound lane through the CHOMP intersection, other phases of work were incomplete and remain dormant.

The 1993 Regional Transportation Plan, adopted in 1994, recommended the widening of Route 68 to four lanes from 0.2 km (0.1 miles) west of the CHOMP intersection to south of the Route 68 overpass at SR 1. This project is now listed in the State Transportation Improvement Program (STIP).

The Route 68/SR 1 interchange is characterized as a diamond off- and on-ramp with a signal system. Traffic congestion on Route 68 is high (over 2,300 vehicles per hour peak) during the weekday afternoon period beginning at about 3:00 pm and continuing to about 6:00 pm. Rear-end accidents are common, suggesting excessive vehicle queuing at all approaches of Route 68 signalized intersection/SR 1 southbound ramps. Traffic forecasts representing the year 2020 show the PM peak hour traffic demand on Route 68 reaching 2,860 vehicles. Traffic is projected to increase by 24 percent.

Existing intersections at the Route 68/SR 1 southbound off-ramp, CHOMP and the Beverly Manor and Carmel Hill Professional Center are currently at level of service (LOS) "D" throughout much of the afternoon period. With the increased traffic, these intersections will become LOS F in about five to seven years. With the Army closure of the gates into the Presidio of Monterey, residents of the Skyline Forest Neighborhood in Monterey have experienced an increase in traffic cutting through the neighborhood from Route 68 in order to bypass congestion in the project area. For this reason, a new traffic signal at the Beverly Manor and Carmel Hill Professional Center has been included as a variation to the alternatives that will require further analysis to evaluate if the new signal will induce bypass traffic through the neighborhood.

2.3 Project Funding

The Project Study Report (PSR) for the proposed highway widening identifies several funding sources including contributions from previously identified mitigation for the Pebble Beach Company and CHOMP, as well as County traffic mitigation funds. The County of Monterey has also submitted an application for additional funding from CMAQ/STIP 2000 Augmentation (AB1012) Programs.

2.4 Project Description and Alternatives Considered

The project proposes to widen and upgrade Route 68 from two lanes to three/four lanes and improve the SR 1 southbound off-ramp and on-ramps.

2.5 Proposed Roadway Cross Sections

At the time this ISA was prepared, the roadway cross sections had not been completed.

2.6 Roadway Profile

The proposed project would not significantly change the elevation of the facility. Therefore, a roadway profile was not completed.

2.7 Alternatives Evaluated in this Study

Three build alternatives are analyzed in addition to the No Build alternative. Three design variations have also been analyzed for the re-design of the SR 68/ SR 1 intersection. The alternatives and variations are described below.

2.7.1 No Build Alternative

This alternative would maintain the facility as is. There would continue to be deficient operations on Route 68, at the Route 68/SR 1 intersection and on the southbound off-ramp where traffic is known to back up onto the mainline.

2.7.2 Build Alternatives

Common design features of all build alternatives are summarized below:

- Construction impact from widening Route 68 to either three or four lanes would be identical because the proposed retaining walls would be constructed at the ultimate four-lane-widened location;
- Scenic Drive Overcrossing would be replaced with a new bridge;
- Access to the Beverly Manor and Carmel Hill Professional Center entrance would be maintained with potential for a new signal system;
- SR 1 southbound off- and on-ramps would be modified;
- The Pebble Beach entrance would be modified;
- Two retaining walls located along the north and south sides of Route 68 between Scenic Drive and the Beverly Manor and Carmel Hill Professional Center would receive aesthetic treatment; and
- Traffic signals at Route 68/SR 1 and at Route 68/CHOMP intersections would be modified.

Build Alternative 1 (Three Lane Facility). This alternative is characterized by the addition of one lane in the eastbound direction from 160.9 m (0.1 mile) west of the CHOMP entrance to the Route 68/SR 1 ramp intersection. This added eastbound lane would terminate as a mandatory right-turn lane to Pebble Beach entrance/SR 1 southbound on-ramp. The construction limit for this alternative would be identical to the ultimate four-lane widened alternative. This alternative would not result in a 12-foot-wide pavement for the fourth (westbound) lane, but the retaining walls would be constructed at their ultimate locations to accommodate the four-lane future condition.

Build Alternative 2 (Three Lane Facility). This alternative is characterized by the addition of one lane in the westbound direction from the Route 68/SR 1 ramp intersection to the CHOMP entrance. This added westbound lane would terminate as a mandatory right-turn lane to CHOMP. The construction limit for this alternative would be identical to the ultimate four-lane widened alternative. This alternative would not result in a 12-foot-wide pavement for the fourth (eastbound) lane, but the retaining walls would be constructed at their ultimate locations to accommodate the four-lane future condition.

Build Alternative 3 (Four Lane Facility). This alternative is characterized by the addition of two lanes (one additional lane in each direction) that would result in a full four-lane facility. Route 68 would be widened to a full four-lane facility from the intersection of Route 68/SR 1 ramp to just west of the CHOMP entrance. In the westbound direction, two lanes would be carried past the CHOMP entrance and then merged to the existing one-lane highway approximately 600 feet west of the CHOMP entrance. In the eastbound direction, the right lane would terminate as a mandatory right turn lane to the Pebble Beach entrance.

Build Alternative Variations. There are three design variations, or combinations thereof, that could be incorporated as part of the project. These design options address the treatment of the Route 68/SR 1 intersection. Variation 1 and 2 would work with all build alternatives. Variation 3 would work with all build alternatives and Variation 1 and 2.

Five Legged Intersection (Variation 1). This variation is characterized as a five legged intersection option that would result in all traffic movements to be brought together at one intersection. This intersection would be signalized.

Roundabout (Variation 2). This variation is characterized as a traffic circle that would result in constructing a one-way circular traffic flow at the intersection of Route 68/SR 1 ramps. Traffic would enter this circle in a free flowing movement with yield at the point of entry into the circle. The southbound right turn exit ramp movement would bypass the roundabout.

Collector-Distributor Road (Variation 3). This variation is characterized as an SR 1 Distributor/Collector option that would result in a new SR 1 exit lane dedicated solely to access the Pebble Beach Main Gate. The Distributor/Collector lane would originate at the SR 1 southbound auxiliary lane near the beginning of the exit ramp, and continue under SR 1 Bridge at Route 68, and conform at the Pebble Beach Main Gate entrance. This design variation allows direct, unrestricted access to the Pebble Beach Main Gate entrance from the southbound SR 1 direction and reduces the volume of traffic traveling through the Route 68/SR 1 intersection.

2.8 Construction Phasing

It is estimated that environmental clearance would take approximately 32 months. Project construction is estimated to begin in March 2006.

2.9 Right-of-Way Acquisition

Right-of-way acquisition would be required under all alternatives. The PSR identified the right of way area as 1,235m². It is assumed that this would be the worst-case scenario because under all alternatives, the retaining walls would be constructed at the ultimate roadway width.

2.10 Permits and Approvals Required

The following permits, approvals, and coordination efforts that may be required prior to construction of the proposed SR 68 improvements:

- Coastal Development Permit- A CDP may be required to comply with the Local Coastal Program.
- Grading Permit- City/ County grading permit will be required.
- Encroachment Permit- A Caltrans encroachment permit will be needed.

2.11 Alternative Selection Process

The alternatives analyzed in this study emerged from the alternatives developed by the Holman Highway Task Force, a quasi-public organization set up to guide and oversee the transportation improvement program for SR 68 from the terminus at Pacific Grove to SR 1. The Project Development Team expanded the alternatives to include all design variations that were presented in section 2.7.4.

3.0 METHODS

The project study area consisted of an approximately two mile (3.2 km) radius around Route 68 and in the Route 68/SR 1 intersection. The ISA included completing the following tasks within the project study area: 1) review of hazardous material files at the Hazardous Waste Division of the United States Environmental Protection Agency (US EPA), the California Department of Toxic Substance Control (DTSC), and the Monterey County Environmental Health (MCEH); 2) field surveys of the project area on October 23, 2003 including visual inspection and completion of a checklist (Appendix A); 3) review of United States Geological Survey (USGS) maps, Governmental Land Office (GLO) plat maps and site plans of the project area; and 4) a record search through Environmental Data Resources (EDR) (Appendix B). (Note: refer to Appendix C for a definition of Acronyms and Terminology used in this document).

Archival research procedures consisted of sending letters, making telephone calls, and visiting federal, state and local agencies concerned with hazardous material issues (see agency correspondence, Appendix D). These regulatory agencies maintain files applicable to the proposed project site. A file and record search for hazardous material sites was done by EDR, with a search ranging from 0.25 to 1 mile (0.4 to 1.6 km). The archival research revealed information on contamination, underground storage tanks (USTs) aboveground storage tanks (ASTs), recorded hazardous material spills and hazardous material storage.

Site visits were conducted on October 23, 2003 to document potential hazardous material site locations. The cursory field inspections were performed by walking the project site and by conducting windshield surveys in the immediate vicinity. The intent of the field review was to identify and observe AST locations, surface staining, impoundment areas, odors and any other indication of potentially hazardous materials.

4.0 SITE RECONNAISSANCE

Site reconnaissance was conducted on October 23, 2003. Shoulders along SR 68 from the SR 1 interchange to approximately 600 m (1,968 feet) past CHOMP were inspected by foot. The shoulders and right of way along the SR 1 southbound on and off ramps, as well as the highway overcrossing, were also inspected. The purpose of the inspection was to identify surface staining, odors, illegal dumping, ASTs, USTs, transformers, and high voltage utility lines. The Caltrans Initial Site Assessment checklist was used during the site visit.

4.1 Site History

Spanish explorers were the first Europeans to visit the Monterey Bay and peninsula. In 1840, Maria del Carmen Garcia Barreto Madariaga inherited the project area from her husband as part of the 4,000-acre *Rancho el Pescadero*. In 1846, Madariaga sold the property for \$500 and moved to the little town in nearby Monterey (McCullough 2003).

The Pebble Beach area still remained undeveloped at the turn of the century. In 1908, the resort community was finally initiated in the Del Monte Forest by Charles Crocker, who purchased the land for \$5 an acre. Crocker already owned the luxury Hotel Del Monte in Monterey and envisioned something similar on the Pebble Beach site. In 1915, the Del Monte Properties Company under the management of Samuel F. B. Morse, nephew of the inventor of the telegraph, bought the Pacific Improvement Company, which owned the land. Morse began constructing a golf course along the shoreline at Pebble Beach in 1916 (McCullough 2003; Weiland 1998).

As Pebble Beach grew in desirability as a residential area, small subdivisions were created. Homes in the project area were constructed between 1948 and 1950 in the upper Pebble Beach area known as Del Monte Forest (Del Monte Forest Property Owners 2003). In the project area, the Community Hospital of Monterey Peninsula was established in 1962 on land donated by Morse along State Route 68, Holman Highway (Community Hospital of Monterey Peninsula 2001).

Over the last 50 years, the Pebble Beach area has continued to grow as an elite resort area and famous golf course. The days of economic struggle are long gone with property values that continue to increase.

4.2 Land Use

The area is predominantly an over-story of Monterey Pine trees with the highway weaving through. Land uses adjacent to the highway are commercial and residential. SR 68 serves as a major transportation corridor that provides primary access to Pebble Beach (Highway 1 Gate), CHOMP, and Beverly Manor. The Scenic Drive overcrossing of SR 68 is located almost at the middle of the project.

4.3 Local Geology and Soils

The project area is located on the northern end of the Santa Lucia Range which is part of the California Coast Range Province. The Santa Lucia Range lies between the Salinas Valley to the east and the Pacific Ocean to the west. The geology of the Santa Lucia Range is a crystalline basement complex overlain by tertiary and quaternary age marine and non-marine sedimentary rock. The crystalline complex is made up of Mesozoic age granitic and metasedimentary rock. The principal bedrock of Monterey Peninsula and the project area is the Monterey Formation (CHOMP EIR 2003; California Department of Mines and Geology 1966).

Monterey Bay is one the most seismically active regions in the United States. The project site lies adjacent to the boundary between the North American and the Pacific tectonic plates. Northern Monterey County is located entirely within a seismically active portion of the Salinian Block (County of Monterey 1982). The highest earthquake accelerations for the project area are anticipated from the nearby Tulcaritos/Navy, the Hatton Canyon and the Sylvan faults. The potential effects of earthquakes from more distant faults such as the San Andreas are expected to produce less strong ground shaking than the nearby faults listed above (CHOMP EIR 2003). Other faults in the project vicinity include the Vergeles, Pinecate and other Monterey Bay faults (County of Monterey 1982).

Liquefaction in the project area is considered very low because of the clayey nature of the Monterey Formation and the absence of shallow groundwater conditions beneath the project site. Lurch cracking, a characteristic typically associated with liquefaction and the presence of water in structurally weak materials, is also considered very low in the project area (CHOMP EIR 2003).

Soils in the project area are classified as Santa Lucia shaly clay loam 20 to 50 percent slopes and Narlon loamy fine sand, two to nine percent slopes. Erosion of soils is the natural process caused by wind, water or gravitational forces, which can result in soil removal from one site and its subsequent

deposition to another site. The Santa Lucia shaly clay loam soil has a moderate potential for erosion and the Narlon fine sand soil has a moderate erosion hazard. Shrink swell potential refers to the change in the volume of soil material that results from a change in the moisture content of the soil. The shrink swell potential of the Santa Lucia shaly clay loam is low. The shrink swell potential of the Narlon loamy fine sand soil is typically low in the first 13 inches and high through the depth of the profile (CHOMP EIR 2003).

4.4 Groundwater and Floodplain

The project site is northeast of Carmel Bay and south of Monterey Bay. The Pescadero Canyon extends from the Carmel Bay in a north-easterly direction toward the project. Pescadero Canyon terminates within one half mile of the project site. The Hatton Canyon is approximately 1.2 km ($\frac{3}{4}$ mile) southwest of the project site. It extends south to the Carmel River. As a general rule, groundwater is within 1.5 m (5 feet) of the surface as one travels down the hill toward the City of Monterey (City of Monterey Public Works, November 2003). The project, however, is at an elevated level. The western portion of the project site is 18.3 m (60 feet) above the Pescadero Canyon. The Pescadero Canyon extends intermittently at the same elevation as the SR 1 southbound on ramp, at the southeastern portion of the project site.

According to the Draft Monterey County General Plan (21st Century Monterey County General Plan, December 18, 2001), the proposed project site is not located within the 100-year flood plain. The project site is on the ridge of a hillside. The elevation ranges from 152.4 m (500 feet) to 213.4 m (700 feet). The nearest flood plain is in Pacific Grove proper, more than 2 km (1.2 miles) away.

4.5 Agency Review

The agency reviews consisted of evaluating site files in various categories. These categories included leaking underground storage tanks (LUST), abandoned sites program information system (CALSTATES), hazardous waste and substance list (CORTESE), and UST/AST. These lists are found at the US EPA, DTSC, MCEH, and in the EDR report.

No hazardous material site files are kept at the Monterey Fire Department. The Central Coast Region Water Quality Control Board was contacted; however, the Control Board has no files for the project study area. A file review at the MCEH was conducted on October 23, 2003.

5.0 HAZARDOUS MATERIAL SITES

This ISA identified a total of three known hazardous material sites and four potential hazardous material sites, all of which are outside of the construction area. The sites are between 187 m (616 feet) and 1.69 km (1 mile) outside of the potential construction area. Field observations indicate that one additional site may be a potential hazardous material site. This site is located on the shoulder of the southbound SR 1 on ramp. The locations of sites are presented in Table 5-1 and depicted in Figure 5-1.

5.1 Known Hazardous Material Sites

Known hazardous material sites are those sites that have documented soil and/or groundwater contamination. These sites are either currently undergoing remediation or have completed remediation. There are three known hazardous material sites outside the proposed construction.

The California Department of Forestry formerly occupied a portion of the current CHOMP. Hazardous materials were documented at the site during the CDF occupancy which is depicted as "1" in Figure 5-1 and specifically shown in Figure 5-2. The site has recently undergone remediation, and construction of new CHOMP facilities are nearing completion (field observation). In 1996, three USTs containing gasoline/diesel fuel were removed from this same construction site (see Figure 5-2)¹.

The CDF site was also tested as part of the CHOMP building development. Specifically, excavation was undertaken approximately 18.3 meters (60 feet) from SR 68 in January and February 2003 to address the presence of petroleum-impacted soil (see Figure 5-2). Field activities included excavation of petroleum-impacted soil, confirmation sample collection from the pit bottom and sidewalls, chanelization and disposal of excavated soil, and characterization and disposal of water from the excavated area and the abandoned sewage ejection sump. Total Petroleum Hydrocarbons (TPH-G) were detected and petroleum-impacted soil was stored on, and covered with, plastic. It was disposed of at the Forward landfill in Manteca and the Ox Mountain landfill in Half Moon Bay. Water was also removed from the sewage ejection sump and pit bottom, stored in a storage tank, and then removed from the site as non-hazardous waste. This water was disposed of at Seapoint Environmental in Redwood City, California (Kattchee and King 2003).

Although no formal closure report was present in MCDEH files, RGA Environmental recommended that no further investigation or remedial action be performed (Kattchee and King 2003). Furthermore, this site is presently covered with a newly constructed CHOMP facility.

¹ According to MCEHD (Trudy Arquett, pers. Communication), the file on these USTs was closed in May 1997.

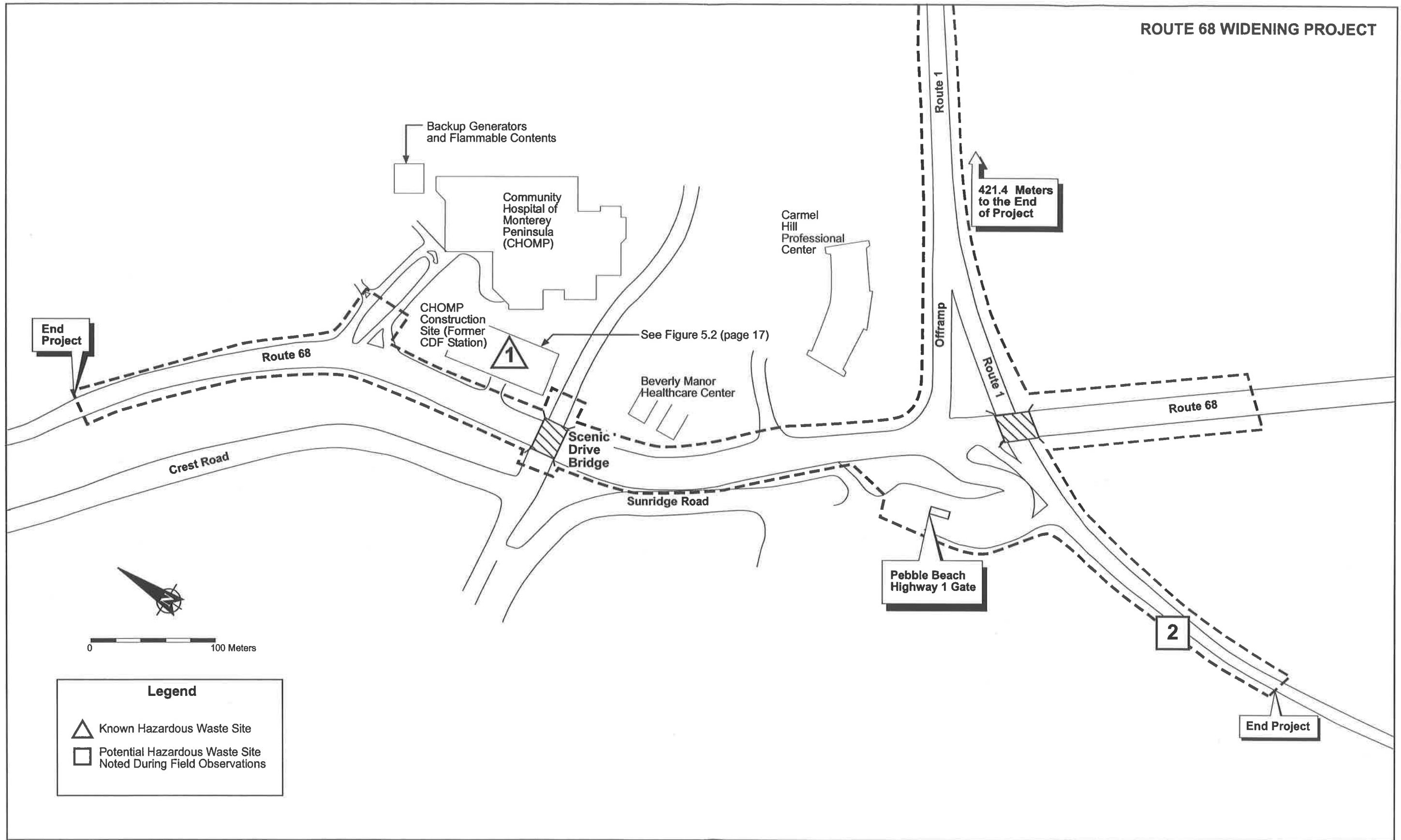


Figure 5-1. Known and Potential Hazardous Material Sites (Source: Mark Thomas & Company, Inc. 2003)

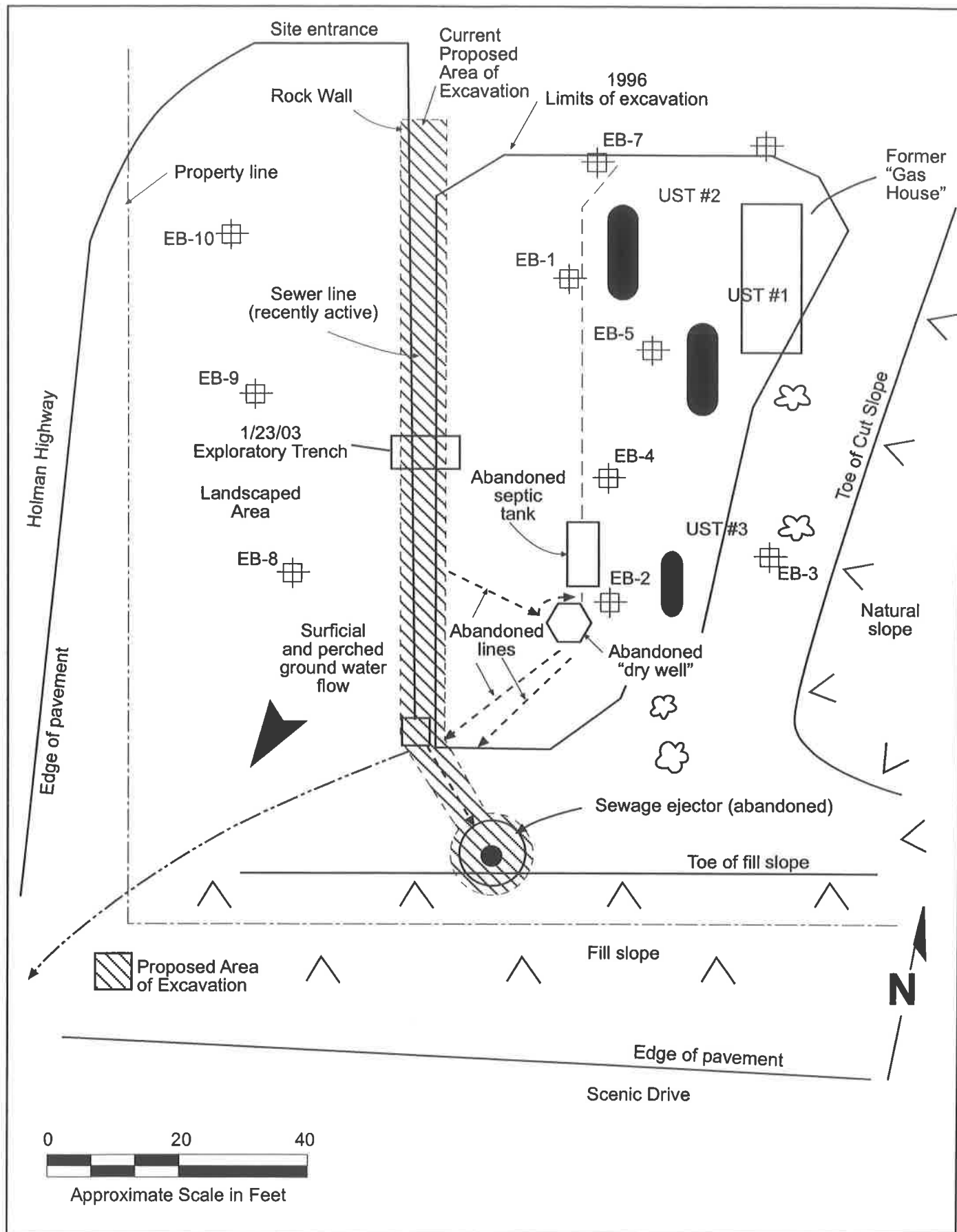


Figure 5-2. CDF/CHOMP Site (Source: File Review at Monterey County Environmental Health Department, October 2003)

Table 5-1. Summary of Hazardous Material Sites

Site No.	Name	Address	City	Distance from Project area	Source	Comments	Contaminants of Concern	Category
1	CHOMP (formerly CDF)	23685 Holman Highway	Monterey	900 feet (274 m)	Environmental Health Department file review	Site remediation prior to CHOMP construction	Gasoline and diesel fuel	Known Hazardous Material Site Outside the Potential Construction Area
2	SR 1 / SR 68 right of way	Southbound SR 1 on ramp	Pebble Beach		Field Observations	Wood/rock retaining feature	Creosote-treated timber	Field Observations Potential Hazardous Material Site Inside the Potential Construction Area
3	Pebble Beach Company	4005 Sunridge Road	Pebble Beach	616 feet (187 m)	EDR	Composting operation (green waste)	Green waste	Potential Hazardous Material Site Outside the Potential Construction Area
4	Edward L. Kowal	4156 Sunset	Pebble Beach	1150 feet (351 m)	EDR	CORTESE, Clean up or abatement orders that concern the discharge of wastes that are hazardous materials	Information not contained in the record search ²	Known Hazardous Material Site Outside the Potential Construction Area
5	Information not contained in record search ³	4058 Mora Lane	Pebble Beach	0.7 miles (1.1 km)	EDR	CHMIRS ⁴	Mineral Oil, non PCB	Potential Hazardous Material Site Outside the Potential Construction Area
6	Residence	197 Via Gayuba Street	Monterey	0.9 miles (1.52 km)	EDR	CHMIRS	Raw Sewage	Potential Hazardous Material Site Outside the Potential Construction Area

² EDR Record Search was used to complete this table. Some information, however, was not available in the record search.

³ EDR record search was used to complete this table. Some information, however, was not available in the record search.

⁴ CHMIRS- California Hazardous Material Incident Report System

Table 5-1. Summary of Hazardous Material Sites (Concluded)

Site No.	Name	Address	City	Distance from Project area	Source	Comments	Contaminants of Concern	Category
7	Robert & Marian Woodward	950 Colton	Monterey	1 mile (1.69 km)	EDR	CORTESE, Clean up or abatement orders that concern the discharge of wastes that are hazardous materials	Information not contained in record search ¹	Known Hazardous Material Site Outside the Potential Construction Area
8	Hospital (CHOMP)	23625 Holman Highway	Monterey	328 feet (100 meters)		Constructed in 1960 First appears on 1983 USGS	USTs, ASTs Oxygen, Nitrogen	Potential Hazardous Material Site Outside the Potential Construction Area

The present CHOMP facility was given a cursory inspection during the ISA. Although MCEHD did not disclose locations of USTs (considered confidential information [Trudy Arquett, pers. Communication]), there is a backup generation facility located at the northwestern corner of the hospital. A separate, locked, metal building (with fire-hazard warning labels) was also observed at this location. While no USTs were observed or present on GeoTracker (www.geotracker.swrcb.ca.gov), the hospital facility is set-back from the existing highway approximately 100 meters (300 feet).

Edward L. Kowal, 4156 Sunset, Pebble Beach, located 1,150 feet (351 m) from the potential construction area, is listed in the CORTESE database. This database maintains a list of sites that contain hazardous waste or substances. EDR stated that this site had clean up or abatement orders that concern the discharge of wastes that are hazardous materials.

Robert and Marian Woodward, 950 Colton, Monterey, approximately 1 mile (1.69 km) from the project area, is listed by EDR as a CORTESE site. EDR stated that this site had clean up or abatement orders that concern the discharge of wastes that are hazardous materials. The contaminant(s) of concern is unknown.

5.2 Potential Hazardous Material Sites

Potential hazardous material sites are those sites that do not have documented soil and groundwater contamination or no files were found at the time of the file review. These sites were either identified in the field or through the EDR search. Four potential hazardous material sites outside the potential construction area were identified.

The Pebble Beach Company, located at 4005 Sunridge Road, Pebble Beach, 616 feet (187 m) from the project area, is listed as a potential hazardous material site due to their composting operation. The site accepts green waste.

Two sites, 4058 Mora Lane, Pebble Beach, and 197 Via Gayuba Street, Monterey, are listed by EDR as California Hazardous Material Incident Report System (CHMIRS) sites. CHMIRS contains information on reported hazardous material incidents (i.e., accidental release or spills). These sites are approximately 0.7 miles (1.1 km) and 0.9 km (1.52 km) away from the potential construction area, respectively. The contaminant of concern from the site in Pebble Beach is mineral oil (non PCB) and the contaminant of concern from the site in Monterey is raw sewage.

CHOMP first appeared in 1983 USGS quadrangles. The site, permitted to handle hazardous materials, is located on the east side of the proposed roadway widening. CHOMP contains USTs and ASTs.

5.3 Historic Hazardous Material Sites

Historic maps such as historic USGS quadrangles, GLO and Sanborn Fire Insurance maps were reviewed to identify any historic hazardous material sites.

Of the historic USGS quadrangles reviewed, SR 68 first appears in 1947. Other sites of interest include: a mine first appearing and noted as abandoned in 1947 (located 1.4 km [0.9 miles) from project site); a California Division of Forestry building appearing in the future hospital location in 1968; and 17-Mile Drive, SR 1 and Presidio Military Reservation, first appearing on the 1913 USGS.

Of the historic hazardous material sites, those located within the potential construction area are listed in Table 5-2. Historic hazardous material sites within the potential construction area are unlikely to be impacted by the proposed project since there is no documented soil or groundwater contamination (see Section 4.4).

Table 5-2. Historic Hazardous Material Sites within the Potential Construction Area

Type of Establishment	Comments	Contaminants of Concern
SR 1	First appears on the 1913 USGS	Aerially deposited lead
17-Mile Drive	First appears on 1913 USGS	Aerially deposited lead
SR 68	First appears on 1947 USGS	Aerially deposited lead
California Division of Forestry (CDF) building ¹	First appears on 1968 USGS	Fire suppressants, petroleum products

¹ The California Division of Forestry (CDF) building was located where the current CHOMP construction site is currently located. Identification of the CDF building as an historic hazardous material site is due to the date the building was constructed. As previously identified in Table 5-1, the CDF site has already undergone remediation.

5.4 Field Observations

In addition to performing record searches, a field review was conducted on October 23, 2003. The field review included walking and driving SR 68 and the intersection with SR 1 on/ off ramps. The purpose of this evaluation was to identify staining, AST locations, vegetation discoloration, illegal dumping of hazardous materials and other evidence of material use. Field observations indicate that a wood/rock retaining feature (containing pressure treated, and

creosote wooden timbers) was located along the southbound SR 1 on ramp near the southwest quadrant of the SR 68/SR 1 interchange. This location is identified on Figure 5-1.

Field observations also noted two medical office uses along the east side of the proposed roadway widening project: Beverly Manor Healthcare Center and Carmel Hill Professional Center. Neither complex is considered to be a generator of hazardous materials. The two facilities are depicted in Figure 5-1.

5.5 Materials of Concern

5.5.1 Aerially Deposited Lead

Route 68 first appears on historic USGS quadrangles in 1947. This vehicular traffic may have resulted in lead contamination from the exhaust of cars burning leaded gasoline. The ADL levels in surface soils along highways can reach concentrations in excess of the hazardous waste thresholds, requiring either disposal at a Class I landfill or on-site stabilization. Health and Safety procedures should be in effect for workers near known lead contaminated area (DTSC 2000). Testing of soils will be required in order to determine whether levels of lead concentrations are such that remediation measures will be needed prior to construction.

The regulatory criteria for determining whether soils are to be classified as "hazardous waste" for materials handling and disposal purposes based on their metal content are contained in the California Code of Regulations (CCR) Title 22, Section 66261.24. The Total Threshold Limit Concentration (TTLC) for ADL is 1,000 mg/kg and the Soluble Threshold Limit Concentration (STLC) for lead is 5.0 milligrams per liter (mg/l). If ADL is found to be above the TTLC or the STLC, then the soil is considered hazardous waste and must be disposed of in the proper manner.

5.5.2 Lead-Based Paints

Many structures built before 1978 have lead-based paint on the interior and the exterior surfaces. During the site visit, the Scenic Drive Overcrossing was inspected; however, no paint was observed on the bridge. Lead has historically been used in paint products because it allows the paint to remain on surfaces for longer periods of time than water-based paints. Lead-based paint use in homes was banned by the federal government in 1978 (US EPA 2002). In addition, yellow pavement marking including traffic stripes, thermoplastic paint and permanent tapes contain lead chromate. Removal of yellow pavement markings may produce debris containing heavy metals in

concentrations exceeding hazardous waste threshold values established by CCR Title 22 and toxic fumes when heated.

California Health and Safety Code 25157.8 states that all types of waste, including demolition debris, with a total lead concentration greater than 350 ppm disposed of in California must be disposed of at a Class I hazardous waste landfill or at other landfills which have specific permits to accept these wastes. The waste is not considered hazardous in California unless it measures 1,000 ppm TTLC or 5 ppm STLC. Therefore, waste which does not meet the hazardous threshold but do measure 350 ppm for total lead concentration would not require a hazardous waste manifest or registered hazardous transporter when transporting for disposal to a Class I landfill.

5.5.3 Asbestos

Building materials containing asbestos were used until the 1970s. Many older homes contain building materials of this nature, bridges may have expansion joints and/or railing with pads that contain asbestos and agricultural irrigation pipe may contain asbestos. The material is not considered hazardous until the structure is demolished. This is because the asbestos is only hazardous when in an inhalable form. In order to qualify as a hazardous material, any friable or non-friable, finely divided and powdered wastes must contain more than ¼ percent asbestos (US EPA 2002).

The Monterey Bay Unified Air Pollution Control District (MBUAPCD) has regulations which require compliance with the asbestos demolition and renovation requirements developed by the US EPA and the *National Emission Standards for Hazardous Air Pollutants* regulations, 40 CFR, Parts 61, Subpart M. Asbestos containing materials (ACMs) shall be managed pursuant to CAL OSHA regulations, Title 8, CCR.

6.0 IMPACTS BY ALTERNATIVE

6.1 No Build Alternative

No construction would occur under this alternative. The existing conditions would remain, thus no impacts would occur.

6.2 All Build Alternatives

The impacts from the proposed project would be the same for all build alternatives. The primary material of concern is ADL; however, demolition of the Scenic Drive Overcrossing and pavement removal could trigger the presence of lead based paint and asbestos. The field review noted a wood/rock retaining feature along the southbound SR 1 on ramp near the southwest quadrant of the SR 68/SR 1 interchange. This site may be impacted by construction activity along the ramp and, therefore, could necessitate removal of the material to a Class I disposal site.

7.0 CONCLUSION

This ISA consisted of a field visit, file reviews and record searches. These activities resulted in the identification of three known hazardous material sites, five potential hazardous material sites and four historic hazardous material sites. No documented contaminated groundwater plumes are present within or adjacent to the proposed project area. Remediation has occurred on all known hazardous material sites.

In areas where vehicle use is high, ADL is common. Route 68 and SR 1 have been used by automobiles for decades and the likelihood of ADL is high. This warrants the need for aerially deposited lead testing. Testing for lead contamination should be conducted in the early stages of the project plans, specifications and estimates (PS&E) stage and prior to construction. The handling and disposition of this material should comply with DTSC lead contaminated soils regulations.

Lead-based paints and asbestos have been historically used in pavement striping and/or the construction of homes and other structures. Their presence in debris presents a health risk and qualifies them as hazardous materials. Structures (i.e., Scenic Drive Overcrossing and possible Highway 1 Bridge) slated for destruction must be tested for the presence of both of these materials; pavement striping debris (including debris on SR 68 and SR 1 southbound on and off ramps) must be tested for the presence of lead-based paint. Abatement, transportation, and disposal of these materials must be in compliance with the California Health and Safety Code for lead-based paint and the MBUAPCD for asbestos.

During construction, grading and excavation activities will occur. If during these activities, any indications of contamination such as odors or stained soils are encountered, the contractor should follow best management practices and standard conduct guidelines that address potential hazardous material. The appropriate governmental agency shall be contacted as well.

Debris along the roadside should be addressed (i.e., cleaned) as necessary. Overhead utilities, gas pipelines and underground cable shall be addressed during the relocation process under standard provisions in the construction contract.

8.0 MITIGATION AND ABATEMENT

Mitigation and abatement are required for this project. The following mitigation measures shall be followed.

1. Soil will be tested at known and potential hazardous material sites where any right-of-way, permanent or temporary, will be acquired.
2. Any structures to be demolished will be tested for ACMs. Felt in the expansion joints of the bridge shall be sampled, if present. If ACMs are found they must be properly removed prior to demolition. The procedures for inspection, notification, and abatement must be in compliance with MBUAPCD and Cal OSHA requirements.
3. Any structure to be demolished will be tested for lead-based paints. If these materials are found within the structure, transportation and disposal will be determined based on lead concentration as mandated in California's Health and Safety Code 25157.8.
 - a. Health and Safety Code 25157.8 states that all types of waste, including demolition debris, with a total lead concentration greater than 350 ppm disposed of in California must be disposed of at a Class 1 hazardous waste landfill or at other landfills which have specific permits to accept these wastes. The waste is not considered hazardous in California unless it measures 1,000 ppm TTLC and 5 ppm STLC. Therefore, waste which does not meet the hazardous threshold but do measure 350 ppm for total lead concentration would not require a hazardous waste manifest or registered hazardous waste transporter when transporting for disposal to a Class 1 landfill.
4. Pavement striping will be tested for lead-based paints. If these materials are found within the pavement, transportation and disposal will be determined based on lead concentration as mandated in California's Health and Safety Code 25157.8. See discussion above on California's Health and Safety Code.
5. Roadside debris, including, but not limited to, the possible chemically treated timbers, batteries or petroleum products, should be properly disposed of at a Class I landfill.
6. Roadway facilities in the area have been used for decades, and the likelihood of ADL presence is high. Aerially deposited lead testing should be conducted. Materials with total levels of aerially deposited lead above 350mg/kg and with soluble levels above 5 mg/L shall be considered as contaminated. The following mitigation is recommended:

- a. Testing for lead contamination along the ROW of SR 68 shall be carried out in accordance with Title 22 of the Health and Safety Code (66261.24). The procedure shall include drilling of test holes at 200-300 foot intervals along the shoulder (non-pervious sections) of the highway. Testing shall be conducted using a hand auger or direct push drilling, and samples should be taken at the surface (0-15mm), 31-45 mm (1 foot to 1.5 feet), 60mm-70mm (two feet to 2.5 feet) and further if the depth of excavation warrants (*ADL Lead Testing Guidance*, March 16, 2001). Samples shall be sent to a laboratory to be subjected to the Soluble Threshold Limit Concentration (STLC) and Total Threshold Limit Concentration (TTLC).
- b. Excavation, reuse, and disposal of material with aerially deposited lead shall be in accordance with all rules and regulations of agencies including, but not limited to, the following:
 - United States Department of Transportation (USDOT)
 - United States Environmental Protection Agency (USEPA)
 - California Environmental Protection Agency (Cal-EPA)
 - Department of Toxic Substance Control (DTSC)
 - Integrated Waste Management Board
 - Regional Water Quality Control Board (RWQCB)
 - State Air Resources Control Board
 - California Division of Occupation Safety and Health Administration (CAL-OSHA)

Mitigation plans for testing of ADL must include a Health and Safety Compliance Plan in accordance with CAL-OSHA regulations (Title 8, California Code of Regulations Section 15321[8 CCR 15321.1]).

9.0 REFERENCES

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Petroleum-Impacted Soil Excavation and Disposal Report for the CHOMP (former CDF site), letter from RGA Environmental to Frederick C. Bensch. May 9, 2003.
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1872 Survey plat for Township 16S, Range 1 East. On file, USDI Bureau of Land Management, Cadastral Survey Division, Sacramento, CA.
- 1890 Survey plat for Township 16S, Range 1 East. On file, USDI Bureau of Land Management, Cadastral Survey Division, Sacramento, CA.
- 1895 Survey plat for Township 16S, Range 1 East. On file, USDI Bureau of Land Management, Cadastral Survey Division, Sacramento, CA.
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United States Geologic Survey (USGS)

1913 Monterey, California, Topographic Quadrangle, 15' series. On file, California State Library, Government Publications, Sacramento.

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1968 Monterey, California, Quadrangle. 7.5' series. On file, California State Library, Government Publications, Sacramento.

1983 Monterey, California, Quadrangle. 7.5' series. On file, California State Library, Government Publications, Sacramento.

Weiland, A.

1998 *Pacific Grove Timeline*. Heritage Society of Pacific Grove.
<http://mbay.net/~heritage/>.

ADL Lead Testing Guidance, March 16, 2001

9.1 Personal Communication

Gerdson, Sue. Central Coast Region Water Quality Control Board. Ms. Emily Messina contacted the Water Quality Control board on July 2, 2003 to obtain files for SR 68 project area. She was informed that no files exist.

Monterey County Environmental Health Department. Ms. Emily Messina contacted the County Environmental Health Department on July 9, 2003 to obtain files for the SR 68 project area. Ms. Messina was informed that files reviews are held at their facility.

Reed, David. Monterey Fire District. Ms. Emily Messina contacted the Fire District on July 3, 2003 to obtain files for the SR 68 project area. Mr. Reed referred Ms. Messina to the Monterey County Environmental Health Department.

Arquette, Trudy. Monterey County Environmental Health Department. Mr. Gary Maniery contacted Ms. Arquette on October 21, 2003 to discuss the file review for the Route 68 Widening Project. Ms. Arquette informed Mr. Maniery that there were only two files available for the project and they were filed in Salinas. Ms. Arquette agreed to have the files transferred to Monterey for PAR's file review.

Gonzalez, Jennifer A. City of Monterey Public Works Department. Ms. Michelle Muller contacted the City of Monterey on November 25, 2003 to obtain information of groundwater levels and floodplain zones. Ms. Jennifer Gonzalez informed Ms. Muller that the City has no reports that contain information on the level of groundwater at the project location. However, it would be reasonable to assume groundwater at 5 feet below the surface as once travels down the hill toward the City of Monterey. Ms. Gonzalez also informed Ms. Muller that the project site is not in a flood plain.

Arquette, Trudy. Monterey County Environmental Health Department. Ms. Michelle Muller contacted Ms. Arquette on February 9, 2004 to discuss the file for the CDF and CHOMP sites on SR 68. Ms. Muller requested information identifying where existing USTs are located. Ms. Arquette informed Ms. Muller that it is confidential information. Ms. Muller also requested information on the closure report. Ms. Arquette said she would review the file to see if a closure report exists for the CDF site.

APPENDIX A
Initial Site Assessment (ISA) Checklist

HAZARDOUS WASTE REVIEW

INITIAL SITE ASSESSMENT (ISA) CHECKLIST

Project Information

District: 05 County: Monterey Route: 68 KP 6.1/6.9 EA: 448000

Description: The project proposes to widen and upgrade Route 68 from two lanes to three/four lanes and improve the SR 1 southbound off-ramp and on-ramps.

Project Development: Tom Houston Telephone: (805) 549-3016

Environmental Coordinator: Larry Bonner Telephone: (805) 549-3801

Project DOES have potential for Hazardous Waste Involvement:

Environmental Branch Chief

Project Screening

1. Project Features: New R/W: Yes Excavation Yes Railroad Involvement: No
R/W Clearance: Yes Subsurface Utilities: Yes
2. Project Setting: Rural or Urban? Urban
Current Land uses? Skyline Forest, commercial, hospital, medical offices, residential
Adjacent Land uses? Commercial and residential
(Industrial, Light Industry, Commercial, Agricultural, Residential, other)
3. Check Federal, State, and local environmental and health regulatory agency records: State Department of Toxic Substance Control (DTSC); Regional Water Quality Control Board; Monterey County Department of Environmental Health; Fire Department
(Regional Water Quality Control Board, Department of Health Services, Local Environmental Health Agency, District Files & Photos)

4. Conduct Field Inspection: October 2003 Date: November 23, 2003
- | | | |
|-------------------------------------|---|--|
| Storage Structures/
Pipelines: | Contamination: (spills, leaks, illegal dumping, etc.) | Potential Asbestos: (asbestos, lead, etc.) |
| Underground Tanks <u>CHOMP</u> | Surface Staining <u>None</u> | Buildings <u>Unknown</u> |
| Surface Tanks <u>CHOMP</u> | Oil Sheen <u>None</u> | Sprayed-on fireproofing <u>Unknown</u> |
| Transformers <u>Yes¹</u> | Odors <u>None</u> | Pipe wrap <u>Unknown</u> |
| Sumps <u>None</u> | Vegetation Damage <u>None</u> | Friable tile <u>Unknown</u> |
| Ponds <u>None</u> Drums <u>None</u> | Other <u>Yes²</u> | Acoustical plaster <u>Unknown</u> |
| Basins <u>N/A</u> | | Serpentine <u>None</u> |
| Landfill <u>N/A</u> | | Paint <u>None</u> |
| Other <u>None</u> | | Other <u>Yes³</u> |

5. Additional record search of past land uses: Inspected Government Land Office survey plats, Historic USGS Quadrangles and ran an EDR, Inc database search.

6. Other comments and/or observations: ¹ Observed high voltage lines across SR 68 east of 17-Mile Drive Scenic Drive Overcrossing (transformer present). ² Observed retaining wall structure at SB on-ramp on west edge of shoulder made of 12X12 creosote timbers and rock (dimensions are approximately 30m L X 2.5m H- at highest point). ³ SR 68 is a highway that was used when gasoline additives included lead products. Therefore, aerial deposited lead may be present along road shoulders.

ISA Determination

Does the project have potential hazardous waste involvement? Yes
Is additional ISA work needed before task orders can be prepared for the Preliminary Site Investigation? No
Estimate of additional time required: 3 to 4 months
ISA Conducted by: James Gary Maniery Date: October 23, 2003

APPENDIX B
Environmental Data Resources (EDR) Record Search
(September 2003)



The EDR Radius Map with GeoCheck[®]

**Rt. 68 Widening
State Route 68
Pacific Grove, CA 93950**

Inquiry Number: 1045329.1s

September 12, 2003

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06890

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

STATE ROUTE 68
PACIFIC GROVE, CA 93950

COORDINATES

Latitude (North): 36.577860 - 36° 34' 40.3"
Longitude (West): 121.914700 - 121° 54' 52.9"
Universal Tranverse Mercator: Zone 10
UTM X (Meters): 597100.9
UTM Y (Meters): 4048390.8
Elevation: 625 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2436121-E8 MONTEREY, CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRIS-TSD..... Resource Conservation and Recovery Information System
RCRIS-LQG..... Resource Conservation and Recovery Information System
RCRIS-SQG..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

AWP..... Annual Workplan Sites

EXECUTIVE SUMMARY

Cal-Sites.....	Calsites Database
Notify 65.....	Proposition 65 Records
Toxic Pits.....	Toxic Pits Cleanup Act Sites
WMUDS/SWAT.....	Waste Management Unit Database
LUST.....	Leaking Underground Storage Tank Information System
CA BOND EXP. PLAN.....	Bond Expenditure Plan
UST.....	List of Underground Storage Tank Facilities
VCP.....	Voluntary Cleanup Program Properties
INDIAN UST.....	Underground Storage Tanks on Indian Land
CA FID UST.....	Facility Inventory Database
HIST UST.....	Hazardous Substance Storage Container Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
Delisted NPL.....	National Priority List Deletions
FINDS.....	Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS.....	Hazardous Materials Information Reporting System
MLTS.....	Material Licensing Tracking System
MINES.....	Mines Master Index File
NPL Liens.....	Federal Superfund Liens
PADS.....	PCB Activity Database System
DOD.....	Department of Defense Sites
RAATS.....	RCRA Administrative Action Tracking System
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
SSTS.....	Section 7 Tracking Systems
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST.....	Aboveground Petroleum Storage Tank Facilities
CLEANERS.....	Cleaner Facilities
CA WDS.....	Waste Discharge System
DEED.....	List of Deed Restrictions
NFA.....	No Further Action Determination
EML.....	Emissions Inventory Data
REF.....	Unconfirmed Properties Referred to Another Agency
SCH.....	School Property Evaluation Program
NFE.....	Properties Needing Further Evaluation
CA SLIC.....	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
HAZNET.....	Hazardous Waste Information System

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas.....	Former Manufactured Gas (Coal Gas) Sites
---------------	--

BROWNFIELDS DATABASES

VCP.....	Voluntary Cleanup Program Properties
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SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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.

STATE ASTM STANDARD

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2002 has revealed that there are 2 CHMIRS sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	4058 MORA LN.	1/2 - 1 W	3	7
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	197 VIA GAYUBA ST	1/2 - 1 NNE	4	8

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

A review of the Cortese list, as provided by EDR, has revealed that there are 3 Cortese sites within approximately 1.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
KOWAL, EDWARD L.	4156 SUNSET	1/8 - 1/4 W	2	7
WOODWARD, ROBERT & MARIAN	950 COLTON	1 - 2 NNE	A5	9
WOODWARD, ROBERT & MARIA	950 COLTON	1 - 2 NNE	A6	9

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.75 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PEBBLE BEACH COMPANY	4005 SUNRIDGE ROAD	0 - 1/8 SSE	1	6




EXECUTIVE SUMMARY




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

<u>Site Name</u>	<u>Database(s)</u>
GRANITE CANYON MARINE LAB (J09CA7	Cal-Sites, LUST, AWP
HIGHLANDS SA WWTP	LUST, Cortese
UNKNOWN	LUST, Cortese
OLD CHEVRON STATION	LUST, Cortese
CARMEL TREATMENT FACILITY	LUST
HIGHLAND CHEVRON	LUST
NEW CHEVRON STATION	LUST
MARINE POLLUTION STUDIES LABOR	HIST UST
MARJORIE R. KOHLER	HIST UST
RANCHO CALERA	HIST UST
EL SUR RANCH	HIST UST
ALLEN FUNT RANCH	HIST UST
PRESIDIO OF MONTEREY EXCHANGE	HIST UST
SAME AS ITEM I	HIST UST
MONTEREY MARINE SERVICE	HIST UST
MONTEREY DEPT	HIST UST
ADELINE AND RICHARD C. HARRIS	HAZNET
CLINT EASTWOOD	HAZNET
RON MAY	HAZNET
MONTEREY RESOURCE GROUP	HAZNET
US ARMY CORP ENGINEERS/GRANITE CNY	HAZNET
UC SANTA CRUZ/MARINE POLLUTION LAB	HAZNET
UNIVERSITY OF CALIFORNIA SANTA CRU	HAZNET
ANDREAS BECHTOLSHEIM	HAZNET
US DEPT OF COMMERCE	HAZNET
WILLIAM THAYER CONSTRUCTION	HAZNET
DPR CUSTOM HOUSE	HAZNET
VAHDANI CONSTRUCTION	HAZNET
CITY OF MONTEREY PUBLIC WORKS	HAZNET
MONTEREY COUNTY BANK	HAZNET
ARMY CORP OF ENGINEERS	HAZNET
1X MONTEREY REGIONAL WST MGMNT DIS	HAZNET
1X PEBBLE BEACH	HAZNET
MONTEREY REGIONAL WASTE MANAGEMENT	HAZNET
KOFMAN PAINTING	HAZNET

OVERVIEW MAP - 1045329.1s - PAR Environmental Services



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

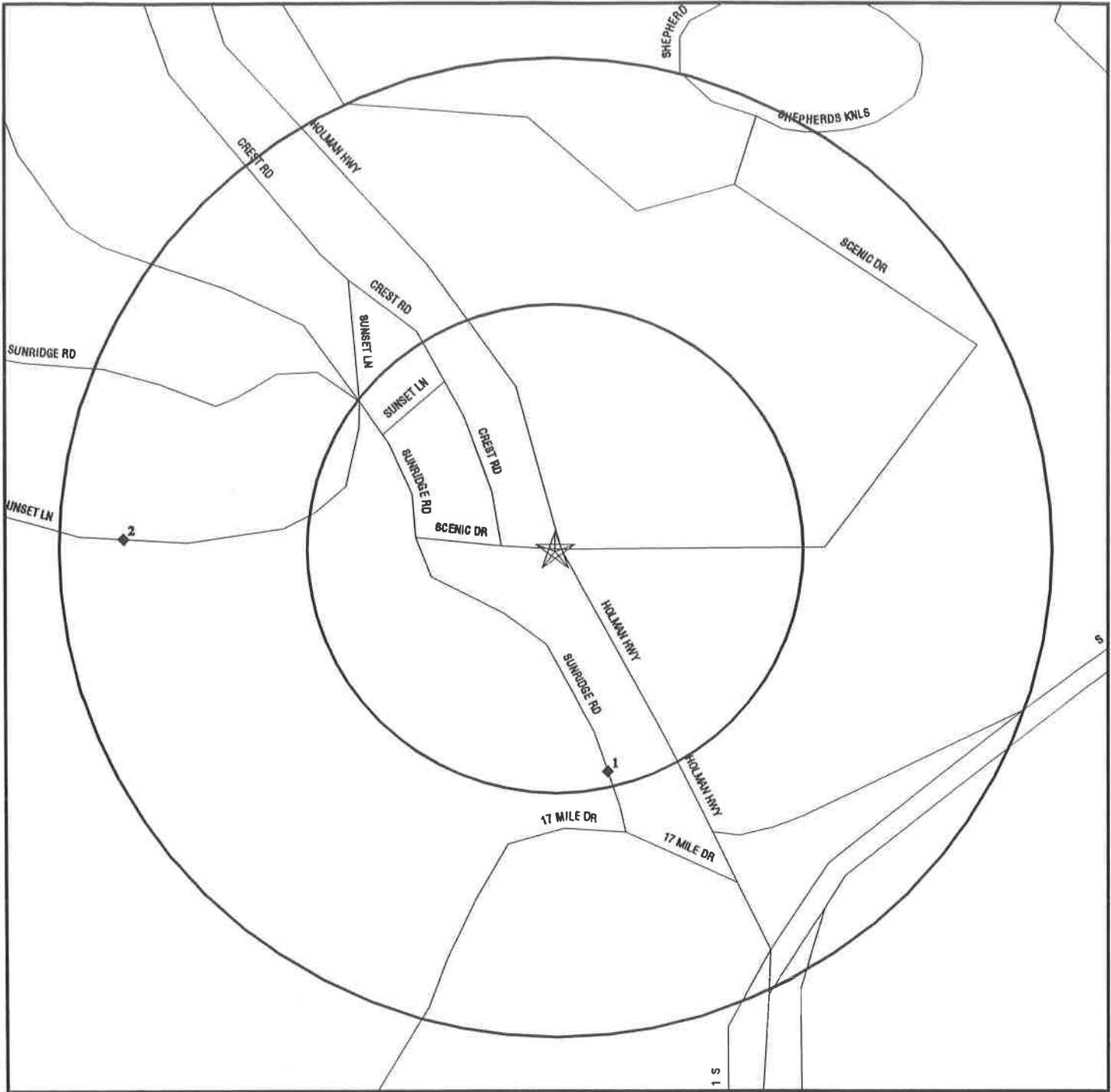
-  Power transmission lines
-  Oil & Gas pipelines
-  100-year flood zone
-  500-year flood zone
-  Federal Wetlands
-  Areas of Concern



TARGET PROPERTY: Rt. 68 Widening
ADDRESS: State Route 68
CITY/STATE/ZIP: Pacific Grove CA 93950
LAT/LONG: 36.5779 / 121.9147

CUSTOMER: PAR Environmental Services
CONTACT: Emily Messina
INQUIRY #: 1045329.1s
DATE: September 12, 2003 4:22 pm

DETAIL MAP - 1045329.1s - PAR Environmental Services



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- ⚡ Sensitive Receptors
- ▨ National Priority List Sites
- ▨ Landfill Sites
- ▨ Dept. Defense Sites

- ↗ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone

▨ Areas of Concern



TARGET PROPERTY: Rt. 68 Widening
ADDRESS: State Route 68
CITY/STATE/ZIP: Pacific Grove CA 93950
LAT/LONG: 36.5779 / 121.9147

CUSTOMER: PAR Environmental Services
CONTACT: Emily Messina
INQUIRY #: 1045329.1s
DATE: September 12, 2003 4:22 pm

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.250	0	0	0	0	0	0
Proposed NPL		1.250	0	0	0	0	0	0
CERCLIS		0.750	0	0	0	0	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.250	0	0	0	0	0	0
RCRIS-TSD		0.750	0	0	0	0	NR	0
RCRIS Lg. Quan. Gen.		0.500	0	0	0	NR	NR	0
RCRIS Sm. Quan. Gen.		0.500	0	0	0	NR	NR	0
ERNS		0.250	0	0	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		1.250	0	0	0	0	0	0
Cal-Sites		1.250	0	0	0	0	0	0
CHMIRS		1.250	0	0	0	2	0	2
Cortese		1.250	0	1	0	0	2	3
Notify 65		1.250	0	0	0	0	0	0
Toxic Pits		1.250	0	0	0	0	0	0
State Landfill		0.750	1	0	0	0	NR	1
WMUDS/SWAT		0.750	0	0	0	0	NR	0
LUST		0.750	0	0	0	0	NR	0
CA Bond Exp. Plan		1.250	0	0	0	0	0	0
UST		0.500	0	0	0	NR	NR	0
VCP		0.750	0	0	0	0	NR	0
INDIAN UST		0.500	0	0	0	NR	NR	0
CA FID UST		0.500	0	0	0	NR	NR	0
HIST UST		0.500	0	0	0	NR	NR	0
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST		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
CLEANERS		0.250	0	0	NR	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
DEED	TP		NR	NR	NR	NR	NR	0
NFA		0.250	0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
CA SLIC		0.500	0	0	0	NR	NR	0
HAZNET		0.250	0	0	NR	NR	NR	0

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas		1.000	0	0	0	0	NR	0
----------	--	-------	---	---	---	---	----	---

BROWNFIELDS DATABASES

VCP		0.750	0	0	0	0	NR	0
-----	--	-------	---	---	---	---	----	---

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1
 SSE
 < 1/8
 616 ft.

PEBBLE BEACH COMPANY
4005 SUNRIDGE ROAD
PEBBLE BEACH, CA

SWF/LF S102361357
 N/A

Relative:
 Lower

LF:

Facility ID: 27-AA-0082
 Operator: Pebble Beach Co
 Operator Phone: (831) 624-8900
 Operator Addr: 4005 Sunridge Road
 Pebble Beach, CA 93953
 Owner: Pebble Beach Co
 Owner Address: Not reported
 4005 Sunridge Road
 Pebble Beach, CA 93953
 Owner Telephone: (831) 624-8900
 Activity: Composting Operation (Green Waste)
 Operator's Status: Active
 Regulation Status: Notification
 Region: STATE
 Lat/Long: 37 / -122
 Permit Date: 4/18/96
 Accepted Waste: Green Materials
 Restrictions:
 Status : Not reported
 Swisnumber : Not reported
 Site Type : Not reported
 Aka : Not reported
 Type Of Waste : Not reported
 Disposal Area : Not reported
 SWFP Date : Not reported
 WDR Number : Not reported
 Dates Of Operation : Not reported
 Closure Approved : Not reported
 Date Of Field Units : Not reported
 Surface Condition : Not reported
 Landfill Gas : Not reported
 Leachate : Not reported
 Emergency Response : Not reported
 Other Recommendation : Not reported
 Reassess Site : Not reported
 Priority For Site Assessment : Not reported
 Lea Date : Not reported
 Explanation: Not Reported
 No Further Action: Not Reported
 Permitted Throughput with Units: 2500
 Permitted Throughput with Units: 2500
 Permitted Throughput with Units: 2500
 Actual Throughput with Units: Tons/year
 Actual Capacity with Units: 20
 Permitted Capacity with Units: 20
 Remaining Capacity with Units: Tons/day
 Permitted Total Acreage: 0
 Inspection Frequency: Quarterly
 Landuse Name: Golf Course

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PEBBLE BEACH COMPANY (Continued)

S102361357

GIS Source:	GPS
Permit Status:	Permitted
Category:	Composting
Unit Number:	01
Last Waste Tire Inspection Count :	0
Last Waste Tire Inspection Date:	Not reported
Original Waste Tire Count:	0
Original Waste Tire Count Date:	Not reported
Closure Date:	/ /
Closure Type:	Not reported
Disposal Acreage:	Not reported
Remaining Capacity:	Not reported

2
 West
 1/8-1/4
 1150 ft.

KOWAL, EDWARD L.
4156 SUNSET
PEBBLE BEACH, CA 93953

Cortese S105025536
N/A

Relative:
Lower

CORTESE:

Reg Id:	6A189101N94
Region:	CORTESE
Reg By:	Cleanup or abatement orders that concern the discharge of wastes that are hazardous materials

Actual:
617 ft.

3
 West
 1/2-1
 3899 ft.

4058 MORA LN.
PEBBLE BEACH, CA 0

CHMIRS S105669809
N/A

Relative:
Higher

CHMIRS:

OES Control Number:	01-7396
Chemical Name:	Mineral Oil, non PCB
Extent of Release:	Not reported
Property Use:	Not reported
Incident Date:	Not reported
Date Completed:	Not reported
Time Completed :	Not reported
Agency Id Number :	Not reported
Agency Incident Number :	Not reported
OES Incident Number :	01-7396
Time Notified :	Not reported
Surrounding Area :	Not reported
Estimated Temperature :	Not reported
Property Management :	Not reported
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	0
Responding Agency Personel # Of Fatalities :	0
Resp Agency Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported

Actual:
667 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105669809

Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	No
Waterway :	Not reported
Spill Site :	Road
Cleanup By :	Responsible Party
Containment :	Yes
What Happened :	The release was due to lightning hitting a transformer.
Type :	PETROLEUM
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	12/20/01 1600
Evacuations :	0

4
NNE 197 VIA GAYUBA ST
1/2-1 MONTEREY, CA 28404
5001 ft.

CHMIRS S105662639
N/A

Relative:
Lower

CHMIRS:

Actual:
312 ft.

OES Control Number:	99-1036
Chemical Name:	Raw Sewage
Extent of Release:	Not reported
Property Use:	Not reported
Incident Date:	Not reported
Date Completed:	Not reported
Time Completed :	Not reported
Agency Id Number :	Not reported
Agency Incident Number :	Not reported
OES Incident Number :	99-1036
Time Notified :	Not reported
Surrounding Area :	Not reported
Estimated Temperature :	Not reported
Property Management :	Not reported
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	0
Responding Agency Personel # Of Fatalities :	0
Resp Agency Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105662639

Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	No
Waterway :	Not reported
Spill Site :	Residence
Cleanup By :	Fire Dept.
Containment :	Yes
What Happened :	Sewer line break in residential area
Type :	SEWAGE
Other :	Level 2
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	3/5/99 724
Evacuations :	0

*1 mile
5280ft*

A5
 NNE
 > 1
 5561 ft.

WOODWARD, ROBERT & MARIAN
 950 COLTON
 MONTEREY, CA 93940

Cortese S105025032
 N/A

Site 1 of 2 in cluster A

Relative:
 Lower

CORTESE:

Reg Id: 6A189104N76

Actual:
 208 ft.

Region: CORTESE

Reg By: Cleanup or abatement orders that concern the discharge of wastes that are hazardous materials

A6
 NNE
 > 1
 5561 ft.

WOODWARD, ROBERT & MARIA
 950 COLTON
 MONTEREY, CA 93940

Cortese S105025033
 N/A

Site 2 of 2 in cluster A

Relative:
 Lower

CORTESE:

Reg Id: 6A189104N77

Actual:
 208 ft.

Region: CORTESE

Reg By: Cleanup or abatement orders that concern the discharge of wastes that are hazardous materials

12:50

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BIG SUR	U001593663	MARINE POLLUTION STUDIES LABOR	RTE. 1, GRANITE CANYON	93940	HIST UST
CARMEL	S103645212	ADELINE AND RICHARD C. HARRIS	241 HWY 1	93923	HAZNET
CARMEL	S103291611	CARMEL TREATMENT FACILITY	26900 HWY 1	93923	LUST
CARMEL	S102509571	HIGHLANDS SA WWTP	RT 1	93923	LUST, Cortese
CARMEL	U001593465	MARJORIE R. KOHLER	PO BOX 755	93923	HIST UST
CARMEL	S103679277	CLINT EASTWOOD	MISSION RANCH	93923	HAZNET
CARMEL HIGHLANDS	S102431368	HIGHLAND CHEVRON	HWY 1	93923	LUST
MONTEREY	S105082958	RON MAY	122DEG 52MIN .1SEC BY 36DEG 15	93940	HAZNET
MONTEREY	S103651675	MONTEREY RESOURCE GROUP	3100 HWY 68	93940	HAZNET
MONTEREY	U001593693	RANCHO CALERA	COAST RT	93940	HIST UST
MONTEREY	U001593654	EL SUR RANCH	COAST ROUTE, HIGHWAY #1 (25 MI	93940	HIST UST
MONTEREY	U001593638	ALLEN FUNT RANCH	COAST RT 1	93940	HIST UST
MONTEREY	S104569525	US ARMY CORP ENGINEERS/GRANITE CNY	34500 COAST HWY 1	93940	HAZNET
MONTEREY	S103654376	UC SANTA CRUZ/MARINE POLLUTION LAB	34500 COAST RTE. 1	93940	HAZNET
MONTEREY	S103654375	UNIVERSITY OF CALIFORNIA SANTA CRU	34500 COAST RTE 1	93940	HAZNET
MONTEREY	S102799960	ANDREAS BECHTOLSHEIM	38903 COAST RD	93940	HAZNET
MONTEREY	S103680112	US DEPT OF COMMERCE	US COASTGUARD PIER	93940	HAZNET
MONTEREY	S103996005	WILLIAM THAYER CONSTRUCTION	#20 CUSTOM HOUSE PLAZA	93940	HAZNET
MONTEREY	S103619347	DPR CUSTOM HOUSE	#20 CUSTOM HOUSE PLAZA	93940	HAZNET
MONTEREY	S104572751	VAHDANI CONSTRUCTION	38525 B HWY 1	93940	HAZNET
MONTEREY	S105088412	CITY OF MONTEREY PUBLIC WORKS	JACK'S PARK WASHINGTON	93940	HAZNET
MONTEREY	U001593691	PRESIDIO OF MONTEREY EXCHANGE	KIT CARSON PLAZA	93940	HIST UST
MONTEREY	S104566430	MONTEREY COUNTY BANK	601 MUNARS	93940	HAZNET
MONTEREY	S105481915	GRANITE CANYON MARINE LAB (J09CA7	34500 HIGHWAY ONE	93940	Cal-Sibes, LUST, AWP
MONTEREY	U001593697	SAME AS ITEM 1	SAME AS ITEM 1	93940	HIST UST
MONTEREY	S103679407	ARMY CORP OF ENGINEERS	NORTH SIDE OF BLDGS 18 / 19	93940	HAZNET
MONTEREY	U001593673	MONTEREY MARINE SERVICE	WHARF #2	93940	HIST UST
PACIFIC GROVE	S103679539	1X MONTEREY REGIONAL WST MGMT DIS	PACIFIC GRV MIDDLE SCHOOL	93950	HAZNET
PACIFIC GROVE	S103680009	1X PEBBLE BEACH	SUNSET PATIO	93953	HAZNET
PEBBLE BEACH	S103285924	UNKNOWN	EL BOSQUE	93953	LUST, Cortese
PEBBLE BEACH	S100940340	MONTEREY REGIONAL WASTE MANAGEMENT	FIRE DEPARTMENT	93953	HAZNET
PEBBLE BEACH	S105084084	KOFMAN PAINTING	3274 SEVENTEEN MILE DR	93953	HAZNET
PEBBLE BEACH	S105025535	OLD CHEVRON STATION	SEVENTEEN MILE DR	93953	LUST, Cortese
PEBBLE BEACH	S102434328	NEW CHEVRON STATION	SEVENTEEN MILE DR #2	93953	LUST
SEASIDE	U001593671	MONTEREY DEPT	HIGHWAY 1	93940	HIST UST

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.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA
Telephone: N/A

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: 07/22/03
Date Made Active at EDR: 08/26/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/04/03
Elapsed ASTM days: 22
Date of Last EDR Contact: 08/04/03

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 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Source: EPA
Telephone: N/A

Date of Government Version: 06/10/03
Date Made Active at EDR: 08/26/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/04/03
Elapsed ASTM days: 22
Date of Last EDR Contact: 08/04/03

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

Source: EPA
Telephone: 703-413-0223

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: 06/16/03
Date Made Active at EDR: 08/01/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/23/03
Elapsed ASTM days: 39
Date of Last EDR Contact: 06/23/03

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA
Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/11/03
Date Made Active at EDR: 08/01/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/23/03
Elapsed ASTM days: 39
Date of Last EDR Contact: 06/23/03

CORRACTS: Corrective Action Report

Source: EPA
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/31/03
Date Made Active at EDR: 05/08/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/07/03
Elapsed ASTM days: 31
Date of Last EDR Contact: 09/08/03

RCRIS: Resource Conservation and Recovery Information System

Source: EPA
Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 07/11/03
Date Made Active at EDR: 08/18/03
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/30/03
Elapsed ASTM days: 19
Date of Last EDR Contact: 06/26/03

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342

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

Date of Government Version: 12/31/02
Date Made Active at EDR: 02/03/03
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/27/03
Elapsed ASTM days: 7
Date of Last EDR Contact: 07/28/03

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS
Telephone: 800-424-9346

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: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 06/16/03
Date of Next Scheduled EDR Contact: 09/15/03

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices
Telephone: Varies

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: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

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

Date of Government Version: 07/09/03

Database Release Frequency: Annually

Date of Last EDR Contact: 07/07/03

Date of Next Scheduled EDR Contact: 10/06/03

DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: N/A

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: 07/22/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03

Date of Next Scheduled EDR Contact: 11/03/03

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA

Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/25/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/02/03

Date of Next Scheduled EDR Contact: 10/06/03

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

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

Date of Government Version: 03/31/03

Database Release Frequency: Annually

Date of Last EDR Contact: 07/23/03

Date of Next Scheduled EDR Contact: 10/20/03

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

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: 04/23/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/02/03

Date of Next Scheduled EDR Contact: 10/06/03

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Date of Government Version: 06/07/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/30/03

Date of Next Scheduled EDR Contact: 09/29/03

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/25/03
Date of Next Scheduled EDR Contact: 11/24/03

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-564-3887

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: 06/30/03
Database Release Frequency: Annually

Date of Last EDR Contact: 08/13/03
Date of Next Scheduled EDR Contact: 11/10/03

DOD: Department of Defense Sites

Source: USGS
Telephone: 703-648-5920

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: 04/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/15/03
Date of Next Scheduled EDR Contact: 11/10/03

RAATS: RCRA Administrative Action Tracking System

Source: EPA
Telephone: 202-564-4104

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: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

TRIS: Toxic Chemical Release Inventory System

Source: EPA
Telephone: 202-260-1531

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: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 06/27/03
Date of Next Scheduled EDR Contact: 09/22/03

TSCA: Toxic Substances Control Act

Source: EPA
Telephone: 202-260-5521

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: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/08/03

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

Source: EPA
Telephone: 202-564-2501

Date of Government Version: 04/15/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/23/03
Date of Next Scheduled EDR Contact: 09/22/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Source: EPA
Telephone: 202-564-5008

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: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 07/24/03
Date of Next Scheduled EDR Contact: 10/20/03

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501

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: 04/15/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/23/03
Date of Next Scheduled EDR Contact: 09/22/03

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites

Source: California Environmental Protection Agency
Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 06/30/03
Date Made Active at EDR: 07/18/03
Database Release Frequency: Annually

Date of Data Arrival at EDR: 07/07/03
Elapsed ASTM days: 11
Date of Last EDR Contact: 09/02/03

CAL-SITES: Calsites Database

Source: Department of Toxic Substance Control
Telephone: 916-323-3400

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.

Date of Government Version: 04/28/03
Date Made Active at EDR: 06/23/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/02/03
Elapsed ASTM days: 21
Date of Last EDR Contact: 06/02/03

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services
Telephone: 916-845-8400

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

Date of Government Version: 12/31/02
Date Made Active at EDR: 08/07/03
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/11/03
Elapsed ASTM days: 27
Date of Last EDR Contact: 08/25/03

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/01
Date Made Active at EDR: 07/26/01
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 05/29/01
Elapsed ASTM days: 58
Date of Last EDR Contact: 07/28/03

NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board
Telephone: 916-445-3846

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

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/23/03

TOXIC PITS: Toxic Pits Cleanup Act Sites

Source: State Water Resources Control Board
Telephone: 916-227-4364

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: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 08/04/03

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board
Telephone: 916-341-6320

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: 06/13/03
Date Made Active at EDR: 07/07/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/16/03
Elapsed ASTM days: 21
Date of Last EDR Contact: 06/16/03

WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board
Telephone: 916-227-4448

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: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 06/17/03

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board
Telephone: 916-341-5740

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 04/02/03
Date Made Active at EDR: 04/25/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/16/03
Elapsed ASTM days: 9
Date of Last EDR Contact: 07/08/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA BOND EXP. PLAN: Bond Expenditure Plan

Source: Department of Health Services

Telephone: 916-255-2118

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: 01/01/89

Date Made Active at EDR: 08/02/94

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94

Elapsed ASTM days: 6

Date of Last EDR Contact: 05/31/94

CA UST:

UST: Active UST Facilities

Source: SWRCB

Telephone: 916-341-5700

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/02/03

Date Made Active at EDR: 04/30/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/16/03

Elapsed ASTM days: 14

Date of Last EDR Contact: 07/08/03

VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

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

Date of Government Version: 04/28/03

Date Made Active at EDR: 06/12/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/02/03

Elapsed ASTM days: 10

Date of Last EDR Contact: 09/02/03

INDIAN UST: Underground Storage Tanks on Indian Land

Source: EPA Region 9

Telephone: 415-972-3368

Date of Government Version: N/A

Date Made Active at EDR: N/A

Database Release Frequency: Varies

Date of Data Arrival at EDR: N/A

Elapsed ASTM days: 0

Date of Last EDR Contact: N/A

CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency

Telephone: 916-445-6532

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: 10/31/94

Date Made Active at EDR: 09/29/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95

Elapsed ASTM days: 24

Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board

Telephone: 916-341-5700

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: 10/15/90

Date Made Active at EDR: 02/12/91

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91

Elapsed ASTM days: 18

Date of Last EDR Contact: 07/26/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board
Telephone: 916-341-5712
Registered Aboveground Storage Tanks.

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

CLEANERS: Cleaner Facilities

Source: Department of Toxic Substance Control
Telephone: 916-225-0873

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 laundrers; laundry and garment services.

Date of Government Version: 03/11/03
Database Release Frequency: Annually

Date of Last EDR Contact: 07/02/03
Date of Next Scheduled EDR Contact: 10/06/03

CA WDS: Waste Discharge System

Source: State Water Resources Control Board
Telephone: 916-657-1571
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/23/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/23/03
Date of Next Scheduled EDR Contact: 09/22/03

DEED: List of Deed Restrictions

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

Date of Government Version: 07/04/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/07/03
Date of Next Scheduled EDR Contact: 10/06/03

NFA: No Further Action Determination

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 04/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

EMI: Emissions Inventory Data

Source: California Air Resources Board
Telephone: 916-322-2990

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/01
Database Release Frequency: Varies

Date of Last EDR Contact: 08/13/03
Date of Next Scheduled EDR Contact: 10/20/03

REF: Unconfirmed Properties Referred to Another Agency

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

SCH: School Property Evaluation Program

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

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: 04/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

NFE: Properties Needing Further Evaluation

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 04/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

HAZNET: Hazardous Waste Information System

Source: California Environmental Protection Agency
Telephone: 916-255-1136

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: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 08/12/03
Date of Next Scheduled EDR Contact: 11/10/03

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 07/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/07/03
Date of Next Scheduled EDR Contact: 10/27/03

Underground Tanks

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 07/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/07/03
Date of Next Scheduled EDR Contact: 10/27/03

CONTRA COSTA COUNTY:

Site List

Source: Contra Costa Health Services Department
Telephone: 925-646-2286

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/16/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

FRESNO COUNTY:

CUPA Resources List

Source: Dept. of Community Health
Telephone: 559-445-3271

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

Date of Government Version: 07/15/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/21/03
Date of Next Scheduled EDR Contact: 11/10/03

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 07/25/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 06/03/03
Database Release Frequency: Varies

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department
Telephone: 310-524-2236

Date of Government Version: 03/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 05/30/02
Database Release Frequency: Annually

Date of Last EDR Contact: 08/29/03
Date of Next Scheduled EDR Contact: 11/24/03

City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 09/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

City of Los Angeles Landfills

Source: Engineering & Construction Division
Telephone: 213-473-7869

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 06/16/03
Date of Next Scheduled EDR Contact: 09/15/03

HMS: Street Number List

Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

Site Mitigation List

Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/07/03
Database Release Frequency: Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

San Gabriel Valley Areas of Concern

Source: EPA Region 9
Telephone: 415-972-3178
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/06/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 03/04/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

NAPA COUNTY:

Sites With Reported Contamination

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 03/31/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/30/03
Date of Next Scheduled EDR Contact: 09/29/03

Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 03/31/03
Database Release Frequency: Annually

Date of Last EDR Contact: 06/30/03
Date of Next Scheduled EDR Contact: 09/29/03

ORANGE COUNTY:

List of Underground Storage Tank Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/04/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/11/03
Date of Next Scheduled EDR Contact: 09/08/03

List of Underground Storage Tank Facilities

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/11/03
Date of Next Scheduled EDR Contact: 09/08/03

List of Industrial Site Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 10/24/00
Database Release Frequency: Annually

Date of Last EDR Contact: 06/11/03
Date of Next Scheduled EDR Contact: 09/08/03

PLACER COUNTY:

Master List of Facilities

Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/17/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/23/03
Date of Next Scheduled EDR Contact: 09/22/03

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/03/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/23/03
Date of Next Scheduled EDR Contact: 10/20/03

Underground Storage Tank Tank List

Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 05/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/23/03
Date of Next Scheduled EDR Contact: 10/20/03

SACRAMENTO COUNTY:

CS - Contaminated Sites

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 04/02/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/03/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

SAN BERNARDINO COUNTY:

Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

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: 06/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/09/03
Date of Next Scheduled EDR Contact: 12/08/03

SAN DIEGO COUNTY:

Solid Waste Facilities

Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Database Release Frequency: Varies

Date of Last EDR Contact: 08/25/03
Date of Next Scheduled EDR Contact: 11/24/03

Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

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: 03/31/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/08/03
Date of Next Scheduled EDR Contact: 10/06/03

SAN FRANCISCO COUNTY:

Local Oversight Facilities

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 06/20/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

Underground Storage Tank Information

Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 06/20/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN MATEO COUNTY:

Fuel Leak List

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 07/21/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/28/03
Date of Next Scheduled EDR Contact: 10/27/03

Business Inventory

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/16/03
Database Release Frequency: Annually

Date of Last EDR Contact: 07/08/03
Date of Next Scheduled EDR Contact: 10/13/03

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 07/02/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/30/03
Date of Next Scheduled EDR Contact: 09/29/03

Hazardous Material Facilities

Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 12/11/02
Database Release Frequency: Annually

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

SOLANO COUNTY:

Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 12/20/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/16/03
Date of Next Scheduled EDR Contact: 09/15/03

Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 12/18/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/16/03
Date of Next Scheduled EDR Contact: 09/15/03

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 07/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/28/03
Date of Next Scheduled EDR Contact: 10/27/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SUTTER COUNTY:

Underground Storage Tanks

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 07/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/07/03
Date of Next Scheduled EDR Contact: 10/06/03

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 09/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 08/26/03
Date of Next Scheduled EDR Contact: 11/24/03

Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/22/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/15/03
Date of Next Scheduled EDR Contact: 09/15/03

Underground Tank Closed Sites List

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/08/03
Date of Next Scheduled EDR Contact: 10/13/03

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
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: 05/21/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/16/03
Date of Next Scheduled EDR Contact: 09/15/03

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 06/19/03
Database Release Frequency: Annually

Date of Last EDR Contact: 06/19/03
Date of Next Scheduled EDR Contact: 10/20/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220

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: 02/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/25/03
Date of Next Scheduled EDR Contact: 11/24/03

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 03/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/10/03
Date of Next Scheduled EDR Contact: 10/13/03

LUST REG 3: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 05/19/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-6600

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

Date of Government Version: 08/09/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/30/03
Date of Next Scheduled EDR Contact: 09/29/03

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/07/03
Date of Next Scheduled EDR Contact: 10/06/03

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

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

Date of Government Version: 06/09/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 05/29/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/02/03
Date of Next Scheduled EDR Contact: 10/06/03

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/02/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/30/03
Date of Next Scheduled EDR Contact: 09/29/03

LUST REG 8: Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498

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

Date of Government Version: 06/11/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/11/03
Date of Next Scheduled EDR Contact: 11/10/03

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

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: 03/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/23/03
Date of Next Scheduled EDR Contact: 10/20/03

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 04/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/25/03
Date of Next Scheduled EDR Contact: 11/24/03

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

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

Date of Government Version: 03/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/10/03
Date of Next Scheduled EDR Contact: 10/13/03

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

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

Date of Government Version: 05/19/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600

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

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/28/03
Date of Next Scheduled EDR Contact: 10/27/03

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

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-855-3075

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/02/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/07/03
Date of Next Scheduled EDR Contact: 10/06/03

SLIC REG 6L: SLIC Sites

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574

Date of Government Version: 06/09/03
Database Release Frequency: Varies

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

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

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 05/08/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/02/03
Date of Next Scheduled EDR Contact: 10/06/03

SLIC REG 7: SLIC List

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491

Date of Government Version: 05/29/03
Database Release Frequency: Varies

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 11/24/03

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

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 04/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/07/03
Date of Next Scheduled EDR Contact: 10/06/03

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 03/03/03
Database Release Frequency: Annually

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

STATE OF CALIFORNIA BROWNFIELDS DATABASES RECORDS

VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

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: 04/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

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.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

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

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

RT. 68 WIDENING
STATE ROUTE 68
PACIFIC GROVE, CA 93950

TARGET PROPERTY COORDINATES

Latitude (North):	36.577862 - 36° 34' 40.3"
Longitude (West):	121.914703 - 121° 54' 52.9"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	597100.9
UTM Y (Meters):	4048390.8
Elevation:	625 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

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. 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.

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).

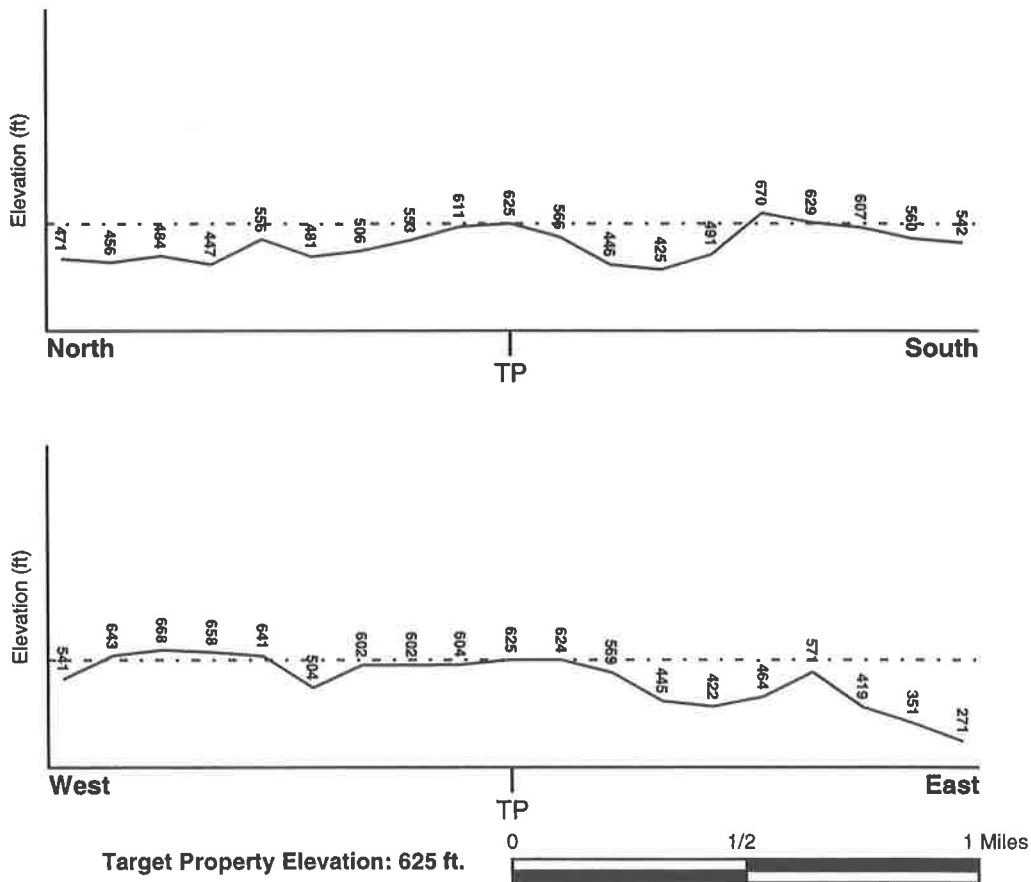
TOPOGRAPHIC INFORMATION

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

USGS Topographic Map: 2436121-E8 MONTEREY, CA
 General Topographic Gradient: General SSE
 Source: USGS 7.5 min quad index

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
MONTEREY, CA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0602000005B

Additional Panels in search area: 0602000002C
0601950125D
0601960000A

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
MONTEREY

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		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Era: Mesozoic
System: Cretaceous
Series: Cretaceous granitic rocks
Code: Kg *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: SANTA LUCIA
Soil Surface Texture: shaly - clay loam
Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	8 inches	shaly - clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 2.00 Min: 0.60	Max: 6.50 Min: 5.10
2	8 inches	24 inches	very shaly - clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 2.00 Min: 0.60	Max: 6.50 Min: 5.10
3	24 inches	28 inches	unweathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: very shaly - clay loam
 silty clay loam
 gravelly - sandy loam
 unweathered bedrock
 coarse sandy loam
 silt loam
 clay
 shaly - loam
 loamy sand
 clay loam
 gravelly - sand

Surficial Soil Types: very shaly - clay loam
 silty clay loam
 gravelly - sandy loam
 unweathered bedrock
 coarse sandy loam
 silt loam
 clay
 shaly - loam
 loamy sand
 clay loam
 gravelly - sand

Shallow Soil Types: silty clay
 very shaly - clay

Deeper Soil Types: weathered bedrock
 very shaly - clay loam
 stratified
 shaly - clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater 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>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

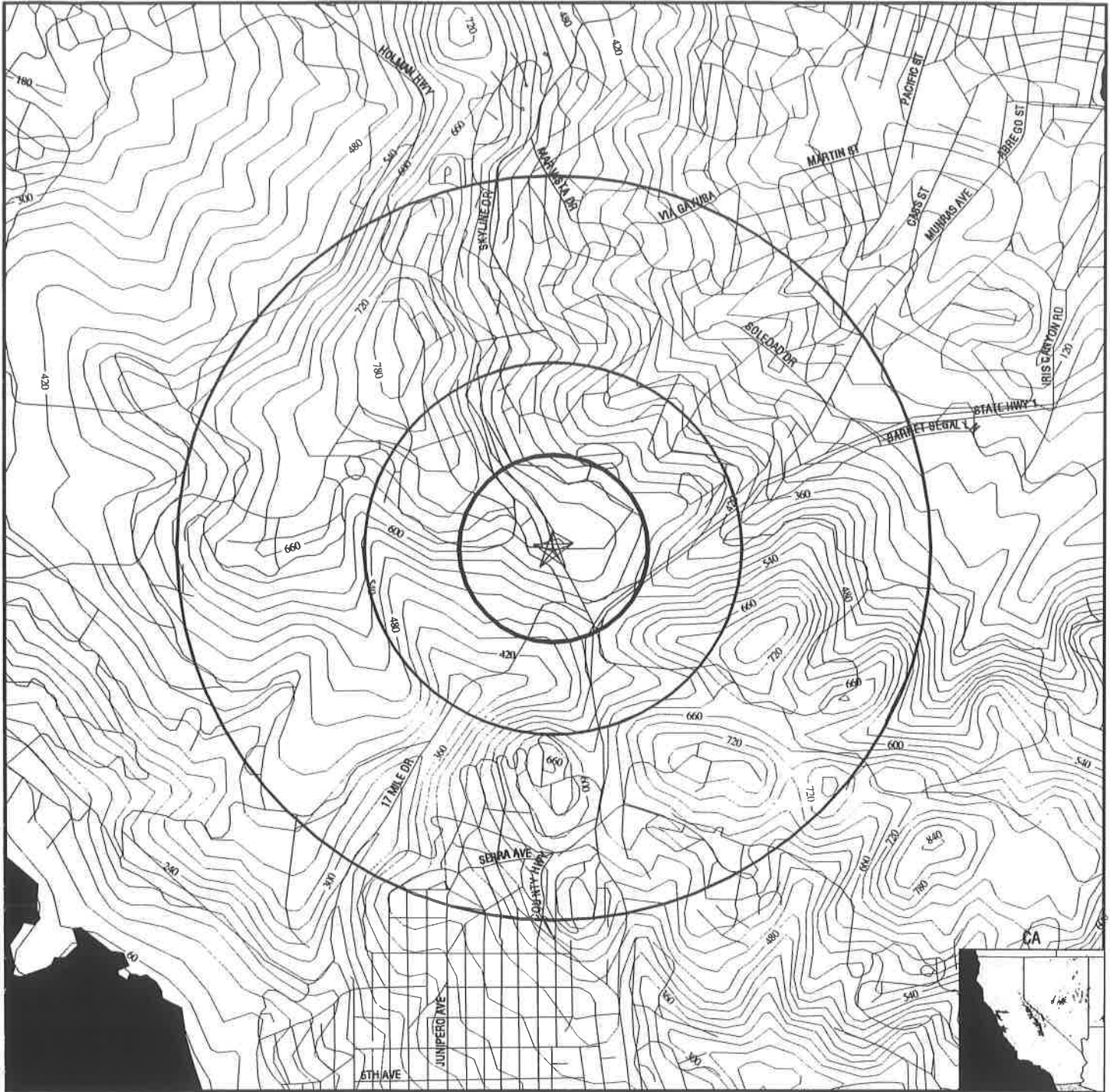
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

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

PHYSICAL SETTING SOURCE MAP - 1045329.1s



- 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

TARGET PROPERTY: Rt. 68 Widening
ADDRESS: State Route 68
CITY/STATE/ZIP: Pacific Grove CA 93950
LAT/LONG: 36.5779 / 121.9147

CUSTOMER: PAR Environmental Services
CONTACT: Emily Messina
INQUIRY #: 1045329.1s
DATE: September 12, 2003 4:22 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for MONTEREY County: 2

- Note: Zone 1 Indoor average level > 4 pCi/L.
 : Zone 2 Indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 Indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 93950

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	-0.200 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. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2, 3, 5 and 6

Source: Department of Conservation

Telephone: 916-323-1779

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

APPENDIX C
Acronyms

ACRONYMS

Acronyms and Terminology Used in this Study:

ACM	Asbestos Containing Material
AST	Aboveground Storage Tank
Cal Sites	abandoned sites program information system
Caltrans	California Department of Transportation
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CHMIRS	California Hazardous Material Incident Report System
CHOMP	Community Hospital of Monterey Peninsula
CORTESE	hazardous waste and substance list
DTSC	Department of Toxic Substance Control
EA	Environmental Assessment
EDR	Environmental Data Resources
EIR	Environmental Impact Report
FHWA	Federal Highway Administration
GLO	Government Land Office
ISA	Initial Site Assessment
km	kilometer
kph	kilometer per hour
LOS	Level of Service
LUST	Leaking Underground Storage Tank
m	meter
MBUAPCD	Monterey Bay Unified Air Pollution Control District
MCEH	Monterey County Environmental Health
MCL	Maximum Contaminant Level
mg/l	milligrams per liter
NEPA	National Environmental Protection Act
SR	State Route
STIP	State Transportation Improvement Process
STLC	Soluble Threshold Limit Concentration
TTLC	Total Threshold Limit Concentration
US EPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank
VOC	Volatile Organic Compound

APPENDIX D
Agency Correspondence



ESTABLISHED 1982

PAR ENVIRONMENTAL SERVICES, INC.

Cultural Resource Management ■ Biology ■ Environmental Planning

Ben McIntosh
Department of Toxic Substance Control
Site Mitigation Program
(916) 323-3391

July 1, 2003

RE: HAZARDOUS WASTE INITIAL SITE ASSESSMENT FOR STATE ROUTE 68 (HOLMAN HIGHWAY) WIDENING PROJECT, CITY OF MONTEREY, MONTEREY COUNTY, CALIFORNIA (PAR REF. No. 02-1006).

Dear Mr. McIntosh,

PAR Environmental Services, Inc. (PAR) is conducting a Hazardous Waste Initial Site Assessment for the State Route 68 (Holman Highway) Widening Project in the City of Monterey, Monterey County, California. The proposed project involves widening and upgrading State Route 68 (Holman Highway) and improvements to the State Route 68/State Route 1 interchange. The location of the proposed work is shown on the enclosed figures, including Monterey USGS quadrangle. We would like to purchase a Calsite's Summary Reports for Monterey County. Please fax the material that we will need to purchase this report.

Your assistance is greatly appreciated. Please contact me at (916) 739-8356 or fax at (916) 739-0626.

Sincerely,
PAR Environmental Services, Inc.

Emily Messina
Associate Environmental Planner

Enclosures

cc: Gary Maniery, PAR (no enclosures)

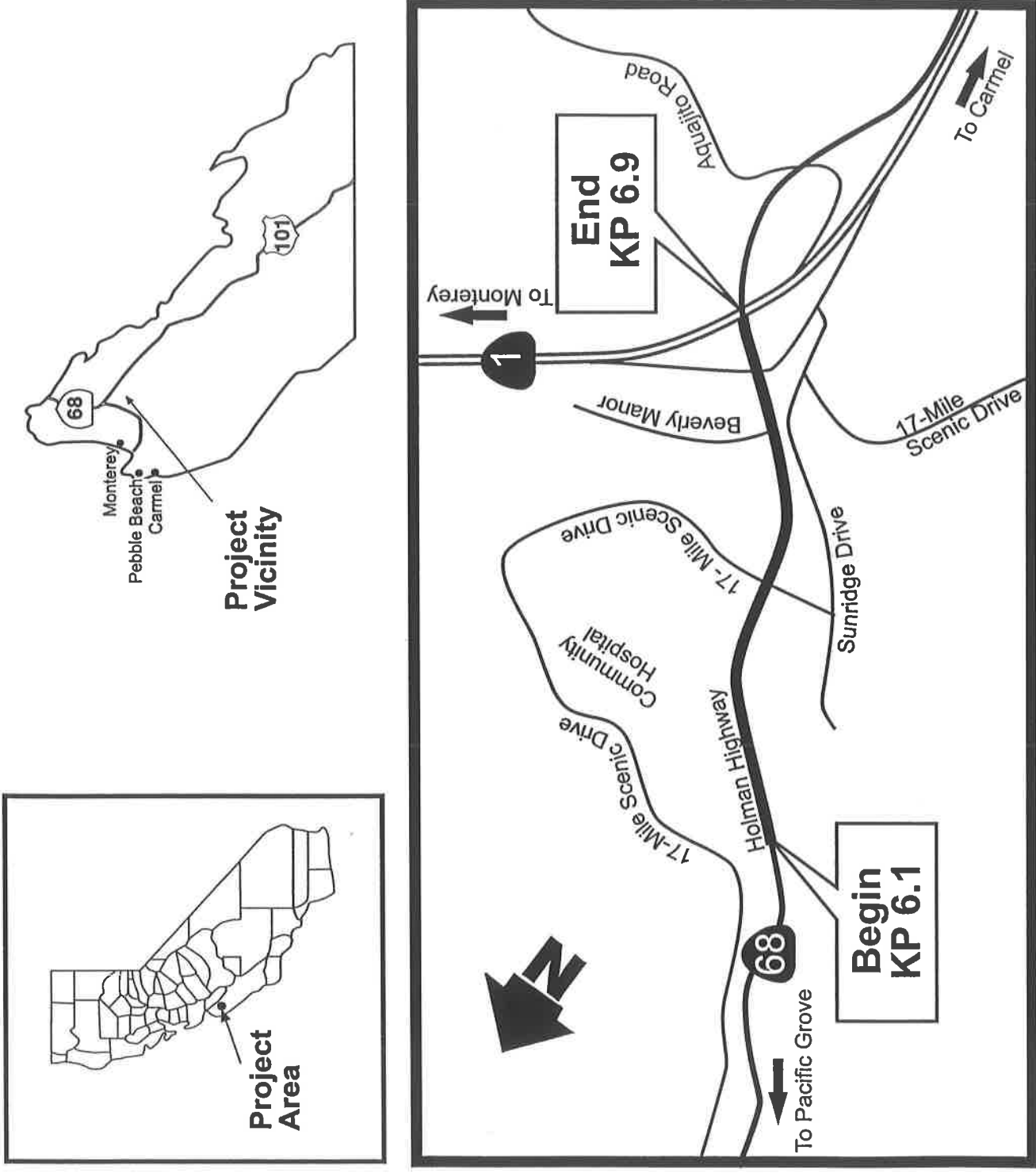


Figure 1. Project Location Map (Source: Project Study Report on Route 68, November 2000 Mark Thomas & Co.)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105-3901



Freedom of Information Act

RIN-9- 00518-03

Your Reference State Route 68

The Resource Conservation and Recovery Act (RCRA) lists those regulated facilities that have notified EPA as hazardous waste generators, transporters or treatment, storage or disposal facilities under RCRA. The database may not contain all the potential hazardous waste sites that exist or those that are regulated by state or local agencies. Your request has been sent to other appropriate divisions of EPA, who will answer you directly.

The information you have requested is not in the EPA Region 9 RCRA files. If you consider this to be a denial, you may appeal it by addressing your written appeal to the Freedom of Information Officer, U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, 2822T, Washington, D.C. 20460.

California, Arizona, Hawaii and Nevada are authorized to conduct the RCRA program in lieu of EPA. We suggest that you contact the appropriate state agency to request up-to-date information (list attached).

COMMENTS: _____

If you have additional questions regarding the RCRA portion of your request, please contact Jacqueline Jennings, or Kevin Wong, at (415) 972-3332...FAX (415) 947-3533...E-MAIL Jennings.Jacqueline@EPA.gov.

Sincerely,

Kevin Wong, Manager
Information Management & Analysis Office
Waste Management Division

STATE OFFICES

U S EPA REGION 9

ARIZONA

Department of Environmental Quality
Waste Program Division
1110W. Washington St.
Phoenix, AZ 85007
(602) 207-4214

CALIFORNIA

California EPA
Department of Toxic Substances Control
10151 Croydon Way
Sacramento, CA 95827-2106
(916) 255-3545

HAWAII

State Department of Health
Solid Waste and Hazardous Waste
Room 212 - 919 Ala Moana
Honolulu, HI 96014
(808) 548-4139

NEVADA

Department of Conservation & Natural Resources
Division of Environmental Protection
123 W. Nye Lane
Carson City, NV 89710
(702) 687-5872



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

JUL 15 2003

FREEDOM OF INFORMATION ACT (RIN# 518-03)

CERCLIS is a database used by EPA to track activities conducted under its SUPERFUND Program. Specific information is tracked for each individual site. CERCLIS contains only those potential hazardous waste sites that have been brought to EPA's attention. We cannot claim that CERCLIS contains all the potential hazardous sites that exist.

The information you have requested is not in the EPA Region 9 CERCLIS database or hardcopy files.

If you consider this response to be a denial, you may appeal it by addressing your written appeal to the Freedom of Information Officer (A-101), United States Environmental Protection Agency, 401 M Street, S.W., Washington, D.C. 20460.

If you have any additional questions regarding your request, please contact Joan Simmons at 415/972-3091.

Sincerely,

Betsy Curnow

Betsy Curnow, Chief
States, Tribes & Site Assessment Section
Superfund Division

RE: *Route 68, Holman Highway.*
Your request was, also, forwarded to our WASTE Division;
perhaps, they will be more helpful!
Joan Simmons

OPTIONAL FORM 96 (7-80)

FAX TRANSMITTAL # of pages *1*

To <i>EMILY MESSINA</i>	From <i>JOAN SIMMONS</i>
Dept./Agency <i>EPA ENVIRONMENTAL</i>	Phone # <i>EPA</i>
Fax # <i>916/739-0626</i>	Fax #

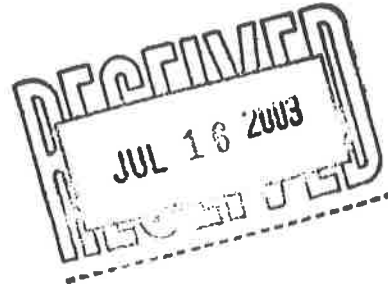


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
75 Hawthorne Street
SAN FRANCISCO, CA 94105

Request Acknowledgment

July 14, 2003

Ms. Emily Messina
PAR Environmental Services, Inc.
P.O. Box 160756
Sacramento, CA 95816



RE: Freedom of Information Act (FOIA), 5 U.S.C. 552
Request No. **09-RIN-00518-03**

Dear Ms. Messina:

Thank you for your FOIA request, dated July 1, 2003, and received in this office on July 14, 2003, for records related to STATE ROUTE 68 (HOLMAN HIGHWAY), CITY OF MONTEREY, MONTEREY COUNTY, CALIFORNIA (PAR REF. NO. 02-1006). The Agency has twenty (20) working days to respond to your request, except when you have agreed to an alternate due date or unusual circumstances exist that would require an extension of time under 5 U.S.C. 552(a)(6)(B). Please be advised that in accordance with the EPA's revised FOIA regulations (40 CFR 2.100, et. seq.), effective November 5, 2002, the Agency's fees for processing requests have changed. The new fee schedule is as follows:

- Clerical staff time billed at \$4.00 per 15 minutes of search and/or review
- Professional staff time billed at \$7.00 per 15 minutes of search and/or review
- Managers' time billed at \$10.25 per 15 minutes of search and/or review
- No fee will be charged for services at or below \$14.00
- Assurance of payment of fees above \$25.00 will be obtained from the requester before commencing any work
- Advance payment of fees above \$250 may be required by the Agency before commencing any work

We hope to respond to you soon. In the interim, please contact us if you have any questions about your request. Please cite your FOIA request number in all communications.

Freedom of Information Officer OPA-3-1
Office: (415)947-4251
Fax: (415)947-3591



ESTABLISHED 1982

PAR ENVIRONMENTAL SERVICES, INC.

Cultural Resource Management ■ Biology ■ Environmental Planning

FOIA Officer
US EPA
75 Hawthorne Street
San Francisco, CA 94105

July 1, 2003

RE: HAZARDOUS WASTE INITIAL SITE ASSESSMENT FOR STATE ROUTE 68 (HOLMAN HIGHWAY) WIDENING PROJECT, CITY OF MONTEREY, MONTEREY COUNTY, CALIFORNIA (PAR REF. No. 02-1006).

Dear FOIA Officer,

PAR Environmental Services, Inc. (PAR) is conducting a Hazardous Waste Initial Site Assessment for the State Route 68 (Holman Highway) Widening Project in the City of Monterey, Monterey County, California. The proposed project involves widening and upgrading State Route 68 (Holman Highway) and improvements to the State Route 68/State Route 1 interchange. The location of the proposed work is shown on the enclosed figures, including Monterey USGS quadrangle.

We would appreciate any information, such as files, listings, and/or records, pertaining to known or potential hazardous material sites within or adjacent to the effected areas. If you have any questions and/or comments, please contact Mr. Gary Maniery or me at the number listed below.

Sincerely,

PAR Environmental Services, Inc.

Emily Messina
Associate Environmental Planner

Enclosures

cc: Gary Maniery, PAR (no enclosures)

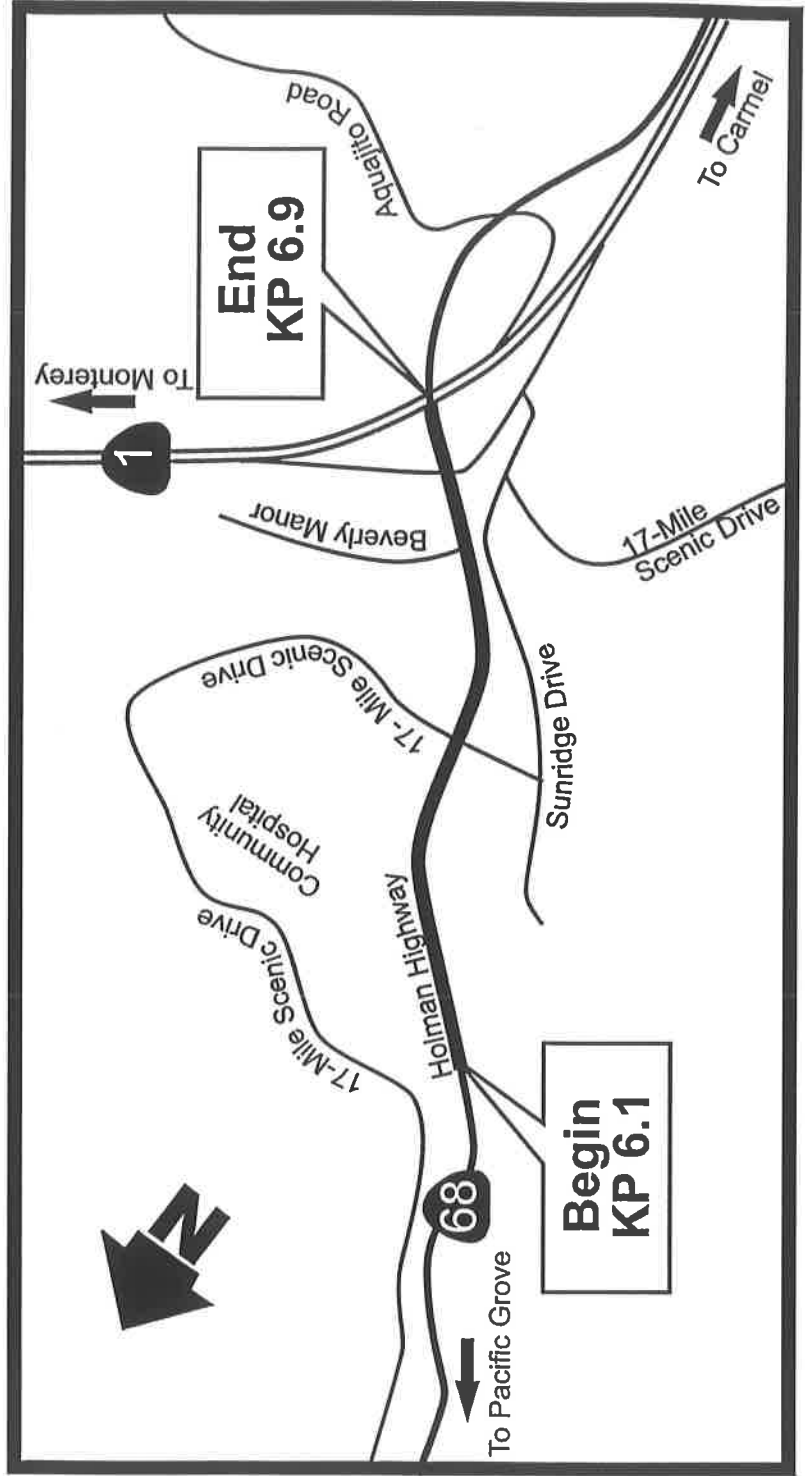
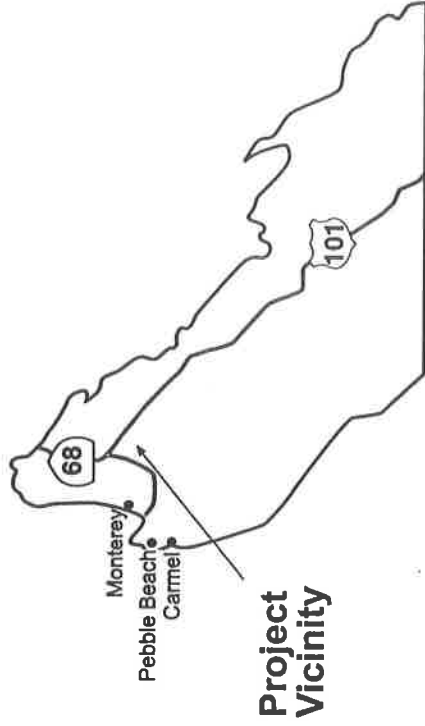
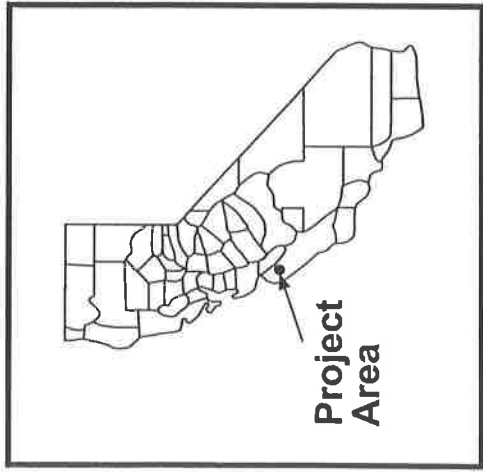


Figure 1. Project Location Map
(Source: Project Study Report on Route 68, November 2000 Mark Thomas & Co.)

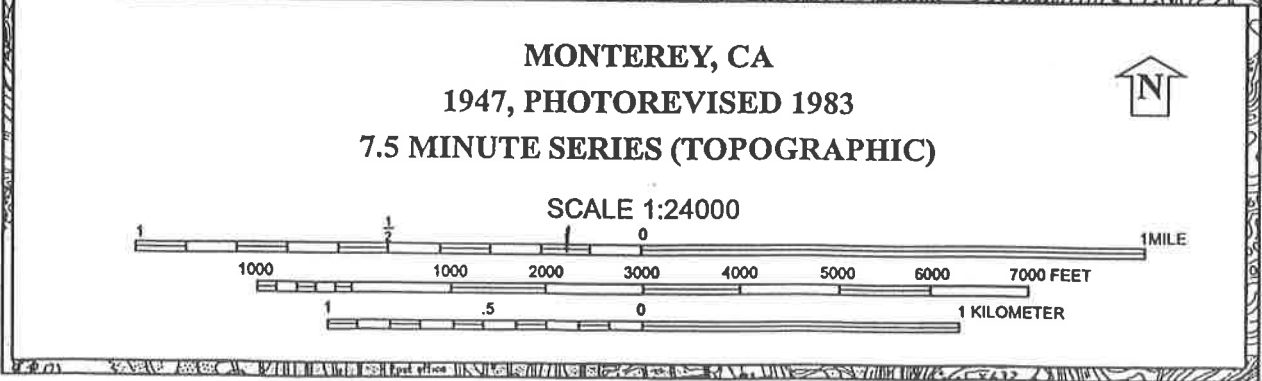


Figure 2. Project Location Map

SERVICE REQUEST FORM - ATTENTION: Chris Kuruc

1 CLIENT INFORMATION Contact: Emily Messina

Company: PAR Environmental Services IND: Time of Request: 4:20pm Date of Request: 9/9/03
 Mailing Address: 1906 21st St PO Box 160756 Purchase Order # Telephone: +1 (916) 739-8356
 City/State/Zip: Sacramento, CA 95816 Project # 02-1006 Fax: +1 (916) 739-0626

2 SERVICE OPTIONS ALL MAP and HISTORICAL REPORT orders MUST be accompanied by a site map or sketch indicating location of the target property and nearby streets.

Radius Search Reports
 EDR Radius Map w/GeoCheck® \$170 RUSH
 EDR Transaction Screen Map Report \$100 RUSH
 EDR NEPACheck™ \$130 RUSH
 EDR Cell Tower Package \$225 RUSH
 (EDR Radius Map w/GeoCheck® + EDR NEPACheck
 EDR Industrial Site Package \$225 RUSH
 (EDR Radius Map Report w/GeoCheck® + Air, Water, OSHA Compliance Addendum)

Historical Reports
 EDR Sanborn Map® Search/Print \$45/\$125 RUSH
 •When ordered with EDR Radius Map \$15/\$75
 EDR Fire Insurance Map Abstract \$45/\$95 RUSH
 EDR Aerial Photo Decade Package \$95 RUSH
 • In CA and MI \$145
 EDR USGS Aerial 5 Package \$215 N/A
 EDR USGS Aerial 3 Package \$155 N/A
 EDR Aerial Photo Search \$49 RUSH
 EDR City Directory Abstract \$45/\$95 RUSH
 EDR Color Historical Topographic Maps \$45/\$95 RUSH
 EDR Historical Shopping Ctr. Occupant Report™ \$295 N/A
 EDR Telephone Interview/Expanded Telephone \$95/\$145 RUSH
 Chain of Title Search Call EDR RUSH
 NJ MacRae's Industrial Directory Search (New Jersey) Call EDR RUSH
 EDR Prior Use Report™ \$395 RUSH
 USGS Topo (7.5 min) \$30 RUSH
 EDR Flood Insurance/FEMA \$45/\$95 RUSH
 EDR Flood/Prone Map \$45/\$95 RUSH

ASTM 2000 Packages
 Each package includes: Govt. Records Check, Sanborn Map® Search, GeoCheck® Physical Setting Source Addendum, EDR PUR-IQ®, PLUS package options you select below
 EDR ASTM 2000 Diamond Package (\$400)
 Includes 4 Historical Reports you select below
 EDR ASTM 2000 Platinum Package (\$350)
 Includes 3 Historical Reports you select below
 EDR ASTM 2000 Gold Package (\$290)
 Includes 2 Historical Reports you select below
 EDR ASTM 2000 Silver Package (\$225)
 Includes 1 Historical Report you select below
 Add an Air, Water, OSHA Compliance Addendum to your ASTM 2000 Package.
 EDR Industrial Site Diamond Package (\$495)
 EDR Industrial Site Platinum Package (\$445)
 EDR Industrial Site Gold Package (\$385)
 EDR Industrial Site Silver Package (\$320)

Select the Historical Reports below. In the event there is no coverage, EDR will send you a no coverage sheet, and produce the alternate(s) you selected.
Package Historical Reports Alternate(s)
 EDR Sanborn Map® Print Service —
 EDR Aerial Photo Decade Package —
 EDR City Directory Abstract —
 EDR Color Historical Topographic Maps —
 EDR Telephone Interview —
 EDR Fire Insurance Map Abstract —
 No Alternate(s)
NEPACheck - EDR NEPACheck (Include with any ASTM 2000 Package for an additional \$100)

Publications \$195
 Environmental Site Assessment Report (Monthly Newsletter)

Additional charge for RUSH service

3 SEARCH PARAMETERS
 ASTM CLIENT STANDARD CUSTOM ASTM + 1/4 mile
 PUR IQ: YES NO

4 PROPERTY INFO
 Project/Site Name: Route 68 Widening
 Street Address: (Please use precise information including Street, Avenue, Road, North/South, etc.)
 State Route 68 from approximately 0.1 miles west of Community Hospital SR168 interchange to the SR11/ (see map)
 County: Monterey City: Monterey/Pacific Grove State: CA Zip:

Nearest Cross Streets and/or Locational Information/Alias Names:
 SR 68 & SR 1 interchange

Type of Property: Commercial Industrial Multi-family residential Retail / Shopping Undeveloped / Vacant
 Telecommunications / Tower Other

5 PAYMENT OPTIONS
 Invoice VISA MC AMEX Card #
 Exp: /
 Signature:

6 SHIPPING OPTIONS
 Second Day Fed Ex \$10 Regular Mail *Historical Std Delivery Via Fax
 Overnight Fed Ex \$15 Fax (\$10 Rpt) Hardcopy (Optional) S&H Fees
 Client Fed Ex Number:
 Email Address: emessina@parenvironmental.com Regular Mail No Charge
 2nd Day Fed Ex \$10 Overnight Fed Ex \$15

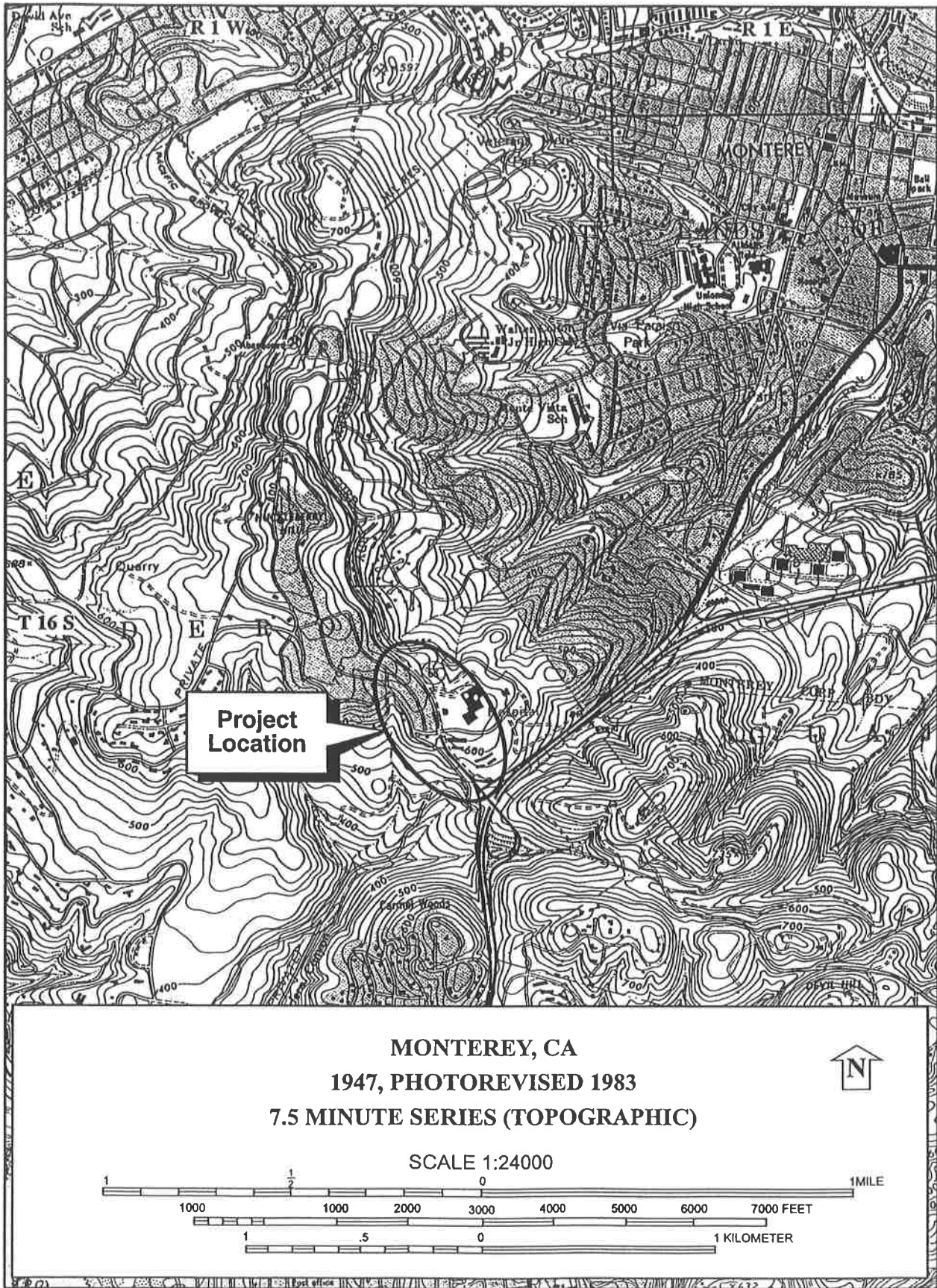


Figure 2. Project Location Map



PAR ENVIRONMENTAL SERVICES, INC.

Cultural Resource Management ■ Biology ■ Environmental Planning

Carol J. Monahan
Assistant General Counsel
Cal EPA
1001 I Street
Sacramento, CA 95814

September 22, 2003

RE: HAZARDOUS WASTE INITIAL SITE ASSESSMENT FOR STATE ROUTE 68 (HOLMAN HIGHWAY) WIDENING PROJECT, CITY OF MONTEREY, MONTEREY COUNTY, CALIFORNIA (PAR REF. No. 02-1006).

Dear Ms. Monahan,

PAR Environmental Services, Inc. (PAR) is conducting a Hazardous Waste Initial Site Assessment for the State Route 68 (Holman Highway) Widening Project in the City of Monterey, Monterey County, California. The proposed project involves widening and upgrading State Route 68 (Holman Highway) and improvements to the State Route 68/State Route 1 interchange. The location of the proposed work is shown on the enclosed figures, including Monterey USGS quadrangle.

We would appreciate any information, such as files, listings, and/or records, pertaining to known or potential hazardous material sites, including Superfund sites, within or adjacent to the effected areas. If you have any questions and/or comments, please contact Mr. Gary Maniery or me at the number listed below.

Sincerely,

PAR Environmental Services, Inc.

Emily Messina
Associate Environmental Planner

Enclosures

cc: Gary Maniery, PAR (no enclosures)



CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

Office of the Secretary

1001 I Street

Sacramento, California 95814

Attn: Carol Monahan Assistant General Counsel

Fax (916) 445-5563

California Public Records Act Request

Name of Individual and/or Company Requesting Records: PAR Environmental Services		Date: 9/22/03
Address: 1906 21st Street		
City: Sacramento	State: CA	Zip Code: 95814
Telephone: (916) 739-8350	Fax: (916) 739-0620	Contact Person: Gary Maniere Emily Messina

Please complete one copy of this form for each public records act request. Mail or fax the form(s) to the above address. You will be advised as to whether or not we have records subject to release within 10 calendar days of receipt of the request. There will be a \$0.25 per page charge, and you will be notified of the cost in advance of copies being made. There will be additional charges for copies of information in other forms (i.e. cassette tapes, VHS).

REQUEST FOR RECORDS PERTAINING TO:

Name: Facility Name, Location, Project, Individual, etc. State Route 08 @ the State Route 1 Interchange, Pacific Grove CA	
Address: State Route 08/1 Interchange (see attached map)	
City: Pacific Grove	State: CA
Zip Code: 93930	

SPECIFY TYPES OF INFORMATION REQUESTED

Any information such as files, listings or records pertaining to known or potential hazardous material sites including Superfund sites within or adjacent to the affected area.

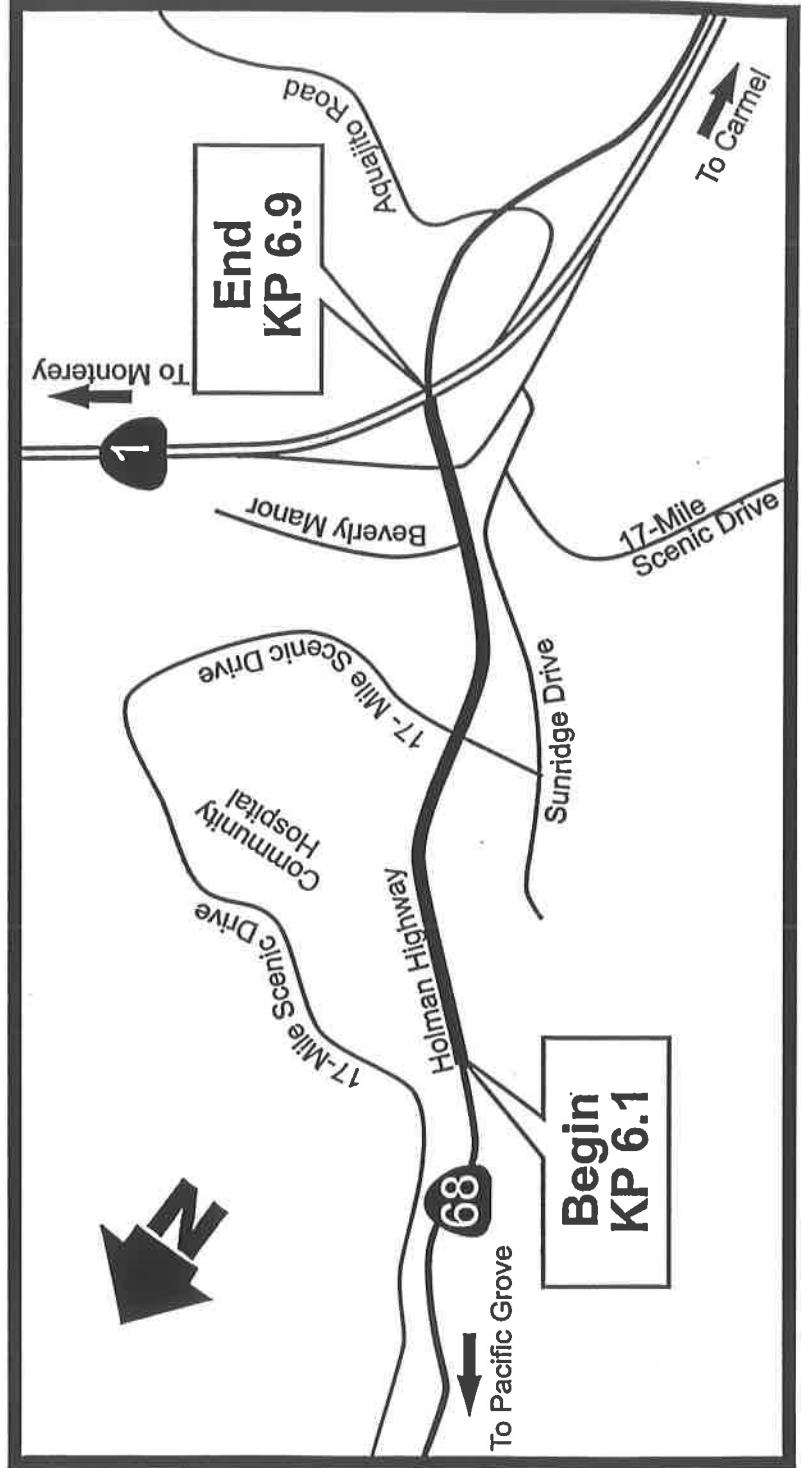
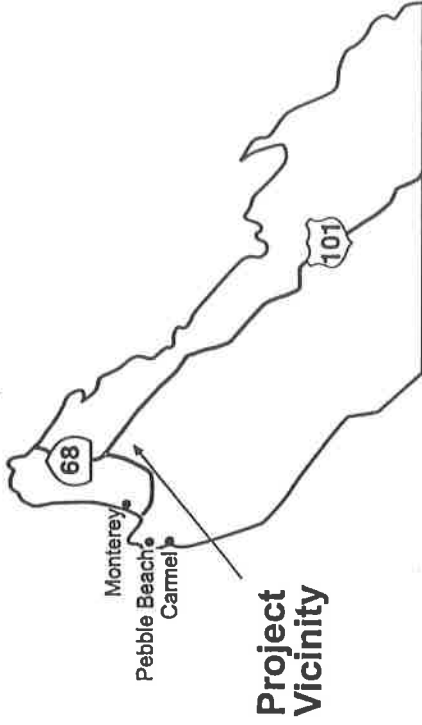
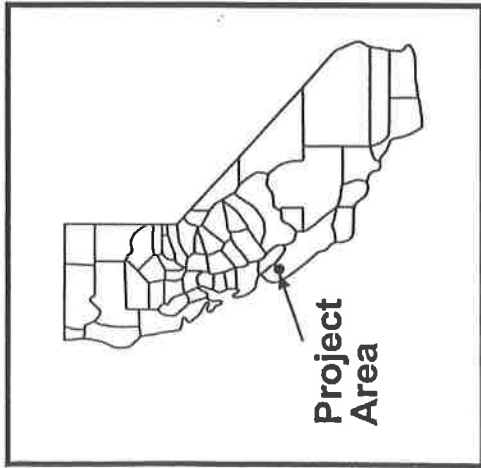


Figure 1. Project Location Map
 (Source: Project Study Report on Route 68, November 2000 Mark Thomas & Co.)

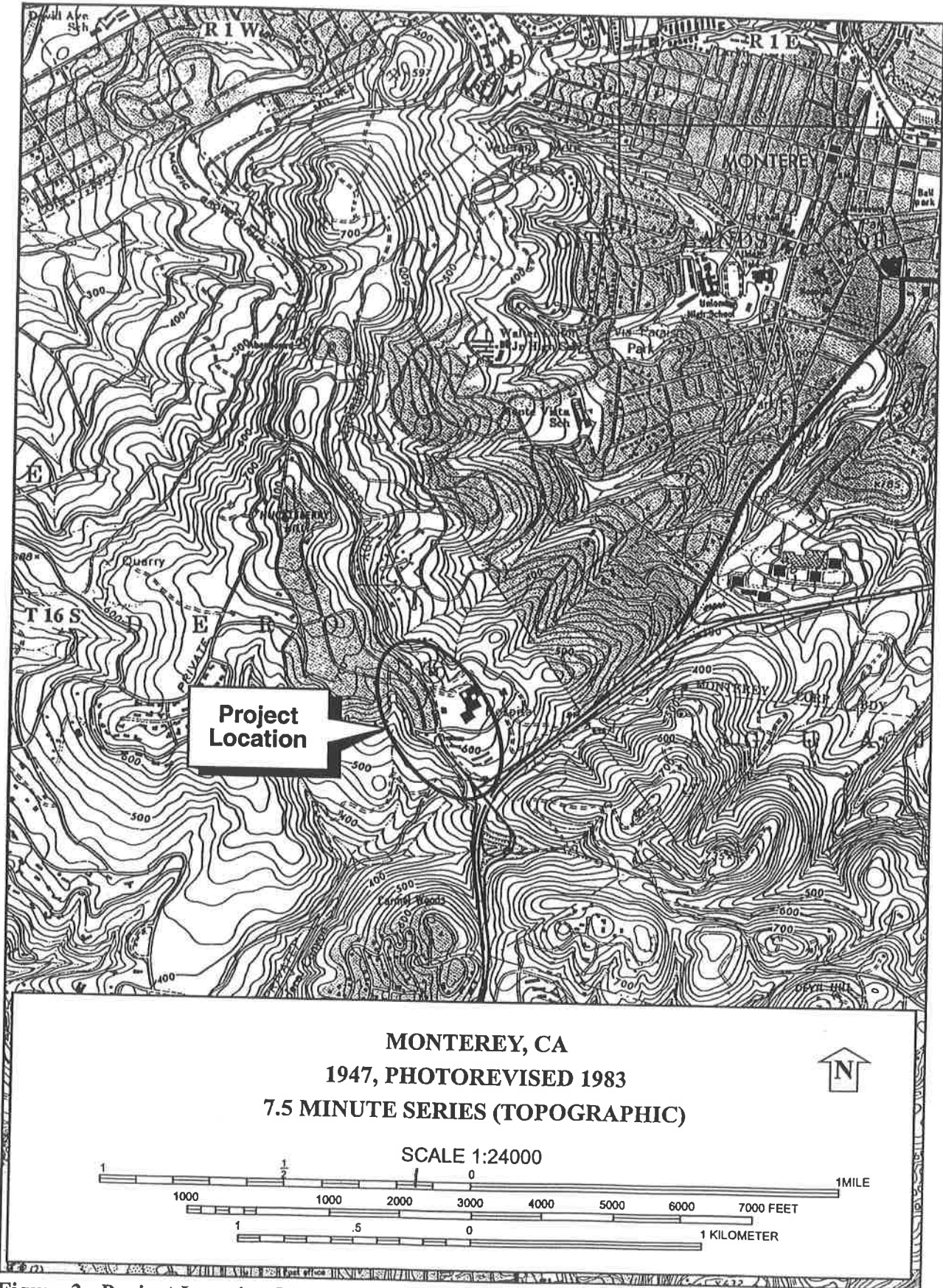


Figure 2. Project Location Map



Winston H. Hickox
Agency Secretary

California Environmental Protection Agency

Air Resources Board • Department of Pesticide Regulation • Department of Toxic Substances Control
Integrated Waste Management Board • Office of Environmental Health Hazard Assessment
State Water Resources Control Board • Regional Water Quality Control Boards



Gray Davis
Governor

October 3, 2003

Ms. Emily Messina
PAR Environmental Services, Inc.
P.O. Box 160756
Sacramento, California 95816-0756

RE: Public Records Request Dated September 22, 2003
Our File PRA 2003 #73

Dear Ms. Messina:

This letter is in response to your request for information from the California Environmental Protection Agency. You requested any information, such as files, listings and/or records, pertaining to known or potential hazardous materials sites, including Superfund sites, within or adjacent to the effected areas at the following locations:

1. State Route 68 at the State Route 1 Interchange
Pacific Grove, CA 93930
Monterey County
2. Silverado Trail between Lodi Lane and Pope Street
St. Helena, CA 95474
Napa County
3. State Route 99/Pease Road
Yuba City, CA 95991
Sutter County

We have reviewed our records and have found no documents within the Office of the Secretary responsive to your request.

Please be advised that the Office of the Secretary does not perform inspection, or cleanup activities. These activities are conducted by the six Offices, Boards, and Departments within the agency. The Office of the Secretary deals primarily with policy, budget, legislative and intergovernmental relations issues. The Office of the Secretary does not respond to public records act requests on behalf of the Offices, Boards and

Emily Messina
October 3, 2003
Page 2

Departments within the agency or on behalf of any other governmental or private agency.

You may wish to contact one or more of our constituent entities regarding your request for records to determine if they have pertinent information. A list of contacts for public record requests for each board, department, and office within Cal/EPA is enclosed. In addition, local agencies such as local county or city health departments may have the information you seek. You should send your request to any of these entities that you feel may have the records you are seeking.

If you have any questions, please contact me at (916) 322-3638.

Sincerely,



Carol J. Monahan
Assistant General Counsel
Office of the Secretary
California Environmental Protection Agency

Enclosure

Welcome to **California**

HOLLYWOOD

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1001 I Street
 P.O. Box 2815
 Sacramento, CA 95812-2815
 (916) 445-3846
[Directions...](#)

California Environmental Protection Agency

Public Records Act Requests

Before submitting a Public Records Act Request to the Secretary's Office of the California Environmental Protection Agency, please be advised that the Office of the Secretary does not respond to Public Records Act requests on behalf of the office, boards, and departments within the agency. They include the Air Resources Board, the Department of Pesticide Regulation, the Department of Toxic Substances Control, the Integrated Waste Management Board, the State Water Resources Control Board and the Office of Environmental Health Hazards Assessment.

The Office of the Secretary does not perform inspection or cleanup activities but deals primarily with policy, budget, legislative and intergovernmental relations issues. You may, therefore, want to individually contact the Cal/EPA constituent entities at the contacts listed below to determine if they have the pertinent information you require. In addition, local agencies such as county or city health departments may have the information you seek.

Public Records Act Contacts at Cal/EPA Boards, Offices, and Departments

Office of the Secretary for Environmental Protection

Public Records Act Request Form ([MS Excel, 28 KB](#)) or ([Adobe Acrobat, 11 KB](#))

Attn: Carol J. Monahan
 Assistant General Counsel
 1001 I Street
 Sacramento, CA 95814

Air Resources Board

Attn: Jerry Martin
 Public Information Office
 1001 I Street
 Sacramento, CA 95814

Department of Toxic Substances Control

Attn: Lillian Baxter
 Public Participation Unit
 1001 I Street
 Sacramento, CA 95814

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Office of Environmental Health Hazard Assessment

Susan Luong, Public Records Act Coordinator
 1001 I Street
 Sacramento, CA 95814

Department of Pesticide Regulation

Sharon Dobbins, Chief Counsel
 1001 I Street
 Sacramento, CA 95814

California Integrated Waste Management Board

Public Records Requests Form or E-Mail

Dona Sturgess, Legal Office
1001 I Street
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State Water Resources Control Board
Regional Water Quality Control Boards

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Contact Us

Last updated: June 26, 2003

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DIVISION OF ENVIRONMENTAL HEALTH
A CERTIFIED UNIFIED PARTICIPATING AGENCY

1270 Natividad Rd., Room 301
Salinas, CA 93906
(831) 755-4511
FAX (831) 755-8954

1200 Aguajito Rd.
Monterey, CA 93940
(831) 647-7654
FAX (831) 647-7925

620 Broadway, Ste. N
King City, CA 93930
(831) 385-8350
FAX (831) 385-0573

REQUEST FOR FILE REVIEW

Please complete this form and return it via FAX or MAIL.

COMPANY NAME PAR ENVIRONMENTAL SVS., INC. DATE 10-13-03

ADDRESS 1906 21ST STREET

CITY SACRAMENTO, CA ZIP 95814 E-MAIL JGMGOLF@AOL.COM

CONTACT PERSON James G. MAUIERY

TELEPHONE (916) 739-8356 FAX (916) 739-0626

FILES REQUESTED: - Hazardous Materials - Water & Land Use* (831) 755-4507 - Solid Waste* (831) 755-4579
(Use additional sheet if necessary)

1. SITE ADDRESS: 23625 HOLMAN HIGHWAY
BUSINESS NAME: CHOMP - current - former

2. SITE ADDRESS: 23795 HOLMAN HIGHWAY
BUSINESS NAME: BEVERLY MANOR - current - former

3. SITE ADDRESS: 4005 SUNRIDGE ROAD
BUSINESS NAME: PEBBLE BEACH COMPANY - current - former

- 1. Office hours for file reviews are from 8:30 a.m. to 4:00p. m.
- 2. Please be prepared for your visit by bringing your own supplies, i.e., paper clips, post-its, change for the pay phone. Be prepared to pay for any copies at the time of service. Copies are .12¢ each. Feel free to bring your own portable copies. If you need to schedule time for consultation with a Hazardous Materials Specialist, there is a charge of \$24 < 15 minutes or \$95 per hour. We accept checks and cash only.
- 3. Files will be released according to CUPA Regulations. California Health and Safety Code, Section 25506(a). California Public Records Act, Chapter 3.5.
- 4. The party requesting the records which is being disclosed pursuant to this Public Records Act request understands and agrees that the County, its officers, employees, and/or agents, are not responsible, nor liable for any damages or claims whatsoever which may result to the requesting party, its agents or assigns, due to errors, omissions, or misinformation on the part of the reporting parties. In addition, the party requesting information pursuant to the Public Records Act understands and agrees that the County is not required to create new records, which do not exist in the ordinary course of business of the Health Department, in order to respond to a Public Records Act request.

Print Requestor Name James G. Mauiery Signature [Signature]
AN APPOINTMENT HAS BEEN SCHEDULED FOR YOU ON:
(To be scheduled by Environmental Health Staff) - Monday - Tuesday - Wednesday - Thursday - Friday

Office Use Only

Date: _____ Haz Mat Specialist: _____ Start time: _____ End time: _____ Specialist initials _____

Consultation with Hazardous Materials Specialist @ \$24 < 15 minutes or \$95 per hour

Photocopies: Total # _____ @ .12¢ per page = _____ Total Due: _____

- Cash - Check # _____ - Receipt # _____

Print Name _____ Signature _____