

APPENDIX E HAZARDOUS MATERIALS INFORMATION

APPENDIX E SUMMARY OF HAZARDOUS MATERIALS INVESTIGATIONS ON THE PROJECT SITE

INTRODUCTION

The following discussion presents a chronology and summary of the investigations and actions undertaken with respect to soil and groundwater contamination resulting from previous oil extraction and related activities on the Pacific City project site, as well as the presence of asbestos and other potential hazardous materials in the buildings that formerly occupied the site. The intent of this summary is to provide an overview of the information provided in these technical reports. To date, fourteen reports have been prepared for the project site. Chapter 7 (References) of the EIR includes complete references for all reports cited and summarized herein, and all of these reports are available for public review at the City of Huntington Beach Planning Department.

CHRONOLOGY OF INVESTIGATION AND REMEDIATION ACTIVITIES

July 1993: Phase I Site Assessment, Atlanta Avenue Property

As part of the disposition of the property from Huntington Beach Co. (Chevron) to Shea, a Phase I Site Assessment was prepared by Pacific Coast Homes in July 1993. The Phase I Report states that Surface Abandoned Reports (SAR) were found for 14 of the 20 oil wells and those SARs reported no visually contaminated soils. SARs for the remaining six wells were not prepared because those wells were abandoned prior to the requirement of SARs as part of the oil well abandonment procedure. SAR preparation was adopted by Chevron in the latter part of 1989. SARs were also performed for the tanks on the site. Soil testing near Atlanta Wash Tank #1 showed elevated hydrocarbon levels; the soil was removed and the area was retested confirming that the soil had been removed. In June 1988, a surface soil sample was collected from an oil stained area near one of the wells; the test results reported lead from this sample exceeded the Soluble Threshold Limit Concentration (STLC) under Title 22. In December 1988, nine oil stained areas around wells were tested and two of the samples (areas between wells 10 and 12 and between wells 7 and 11) exceeded the STLC for lead. In January 1989, to further define the area impacted by lead, four additional samples were collected near wells 10, 12, 141, and 7. Only the sample near well 7 exceeded the Total Threshold Limit Concentration (TTLC) for lead.

Shortly after well abandonment was completed, gas was discovered around well casings 8, 14, 15, and 141; however, Chevron was confident the oil wells were abandoned properly and suspected that the gas resulted from natural organic decomposition. Tests confirmed the gas from Wells 14 and 15 was not petroleum-related. Gas around Well 141 also did not appear to be petroleum related, and Well 8 did not generate sufficient gas to sample.

The report also identified transformers on the project site, and weathered crude oil was detected on the surface in an old tank location.

The report concluded that the oil-producing portion of this property has the greatest potential for contaminated soil. The production facilities previously on the property have all been removed, but some crude oil around the former tank settings may require additional remediation. The report also proposed additional test of the lead-contaminated soil to determine whether remediation would be required and recommended further testing to verify the origin of the gas around Wells 8 and 141. Testing for PCB contamination in areas around the existing transformers was also recommended.

October 18, 1995: ESA for multiple Chevron properties, including the Huntington Shores Motel

The Environmental Site Assessment (ESA) was prepared for Chevron Land and Development (CLD) Company by Harding Lawson Associates (HLA) for five sites, including the portion of the project site formerly occupied by the Huntington Shores Motel (HSM), in support of the characterization of existing and potential environmental conditions at the properties before Chevron sold the sites. All properties in the report were part Chevron's oil fields, and oil wells were present on all the properties.

HLA interviewed Mr. Rick Sailor of the Huntington Beach Company / Chevron (HBC) who stated that a natural gas plant was on the adjacent property to the north. In addition, Mr. Sailor reported that radioactive isotope injector (tracer) was conducted on the gas plant property to evaluate groundwater flow and gradient. No further information was available regarding when or how the test was conducted or the results of the test. The tests are typically conducted using low levels of tracer isotopes that degrade and do not impact the groundwater.

Mr. Sailor also stated that gas condensate residues from the gas plant may remain along the northwest edge of the adjacent property. The condensate could contain chemical byproducts that could leach into the soil, and Mr. Sailor was not aware of any environmental sampling or remediation in that area.

In a review of aerial photographs from 1953 to 1995, HLA identifies various uses including oil production, on the HSM site and also notices a square pond or area of discolored soil (source unknown) on the northeast corner of the site (Atlanta and Huntington Streets), which later is covered by a tank in 1978.

HLA personnel also toured the site. During the site walk, HLA toured the Grinder Restaurant and Huntington Shores Motel. No spills were observed on the site walk, but typical chemicals for landscape and pool maintenance were identified. Asbestos-containing materials (ACM), including ceiling material and the linoleum floors, were identified in both buildings: the materials were in good condition at the time of the site visit. No transformers that might contain PCBs were observed onsite. Fluorescent light tubes that contain small amounts of mercury were observed. Lead-based paints were also mentioned as a possibility, but the interior and exterior coatings were in good condition.

The conclusion and recommendations for the ESA state: (1) No evidence of contaminated groundwater or soil was found as a result of the assessment, but it is possible that some petroleum hydrocarbons are present in the soil because of historical oil production onsite. (2) Oil wells on site were abandoned starting in 1960 and it is likely that several wells were abandoned in accordance with the pre-1970 standard and would need to be re-abandoned if significant excavation that revealed the upper well plug were to occur. (3) Asbestos, lead, and PCB concerns on the Grinder Restaurant & Huntington Shores Motel sites (which was abated and demolished). (4) The adjacent property to the north was “reportedly” occupied by a gas plant and if so, contaminants such as benzene and toluene may remain in the soil from gas condensate. The adjacent property to the northeast had oil wells and a radioactive isomer test was conducted on the property. It is unknown whether activities on these adjacent properties have impacted the HSM site. (5) No conclusive evidence of onsite contamination resulting from onsite or neighboring activities was found as a result of the ESA. However, several properties upgradient and within ½ mile of the site have minor to significant groundwater contamination, which may have migrated beneath the site. Potential onsite contamination could not be fully evaluated because no onsite soil and groundwater sampling investigations were performed as a part of this analysis.

July 1996: Phase II Investigation Plan, Atlanta Areas, Huntington Beach Oil Field, Huntington Beach, California

In July 1996, HLA prepared a Phase II investigation for the Atlanta portions of the Huntington Beach Oil Field for MS Vickers II, LLC. The Phase II was prepared as a basis for pending soil

remediation at the various Huntington Beach Oil Field properties. HLA's strategy was to implement a limited investigation program in each of the areas (including the HSM site) to allow for the discovery and removal of both oily soil and/or hazardous materials. HLA anticipated that the extent of oily soil and/or hazardous materials would be further delineated and removed as part of this investigation phase because excavation and treatment of the oily soil would be faster and less costly than conducting the work under a series of additional investigative programs. The Phase II Investigation was intended to accomplish three objectives including: 1) Obtain information sufficient to characterize the property for remediation purposes; 2) Estimate the volume of oily soil and specific areas of soil containing hazardous substances through field investigation; and 3) Ensure that the information obtained is sufficient to satisfy the City of Huntington Beach's requirements for a Phase II investigation and to facilitate the permitting process.

The Phase II Investigation Plan divided the project site into Areas 1 (District 7, 9.9 acres) and 2 (District 8A, 21.4 acres). As part of the Phase II Investigation, HLA developed a sampling plan that included a sampling and analytical effort to investigate the presence of hazardous materials and areas suspected of containing large amounts of oily soil. Locations potentially containing oily soil (e.g. aboveground storage tanks [AST] settings, sump and other features, large pipeline headers, shipping lines, and wells) are discussed in the report. Review of historical aerial photographs identified 10 AST settings; no sumps/impoundments (other than drilling sumps); 4,000 feet of pipeline; and 21 wells along with the assumption that a sump or mud pit was constructed for the installation of each well. Various methods of obtaining soil samples were recommended for the ASTs, pipelines, and oil wells including backhoe trenching, drilling, and/or potholing. In delineating and remediation of hazardous waste, HLA recommended that if analytical results from the initial investigative program showed that hazardous waste was present in any particular location, the area would be marked with caution tape and Chevron would be notified and would direct a separate investigation and remediation of those areas. HLA recommended that oily soil identified during the field investigation be excavated and stockpiled for subsequent remediation. HLA also recommended that those portions of the property located away from known facilities, but that could have contributed to the amount of oily soil as a result of unknown leaks, be assessed during the oily soil excavation. This investigation would be undertaken by ripping the near-surface soils, then collecting soil samples based on field observations (e.g. staining, odor, organic vapor readings); HLA estimated that 30% of the area would need additional sampling and up to 4 samples per acre be taken.

The analytical program recommended by HLA for analysis of hazardous waste and oily soil identification included analysis of all samples for Total Recoverable Petroleum Hydrocarbons (TRPH) and select samples for analysis of TPH, California Code of Regulations (CCR) Title 22 Metals, pH, volatile organic compounds (VOCs), polynuclear aromatics (PNAs), and polychlorinated biphenyls (PCBs). HLA recommended that samples to be tested for TRPH be analyzed based on Soil Cleanup Standards Specification 431 of the Huntington Beach Fire Code Section and Soil Cleanup Standards codified in City Specification 431-92. HLA assumed that fifty percent of the samples would require this cleanup procedure.

December 1996: Phase II Investigation Report/Remediation Plan, Atlanta Areas, Huntington Beach Oil Field, Huntington Beach, California

This document summarizes the July 1996 Phase II Site Investigation for the Pacific City site. The Phase II investigation fieldwork was performed between August 5 and 16, 1996 in accordance with the July 1996 Phase II Investigation Plan, which was approved by the Huntington Beach Fire Department on August 2, 1996. The field program consisted of a “significant” sampling and analytical effort to investigate the presence of hazardous materials and areas suspected of containing more than incidental quantities of oily soil. Features located on site, potentially containing oily soil, (e.g. AST settings, sump and other features, large pipeline headers, shipping lines, and wells) were investigated during the field investigation and sampled; HLA collected over 60 soil samples from pothole excavations and advanced 8 soil borings at the potential oily soil locations. Based on the results of the field investigation, oil impacted soil was generally confined to four locations with the largest area of oily soils discovered in the southeastern corner of the site. However, the areas for field investigation were selected based on a review of historical records, drawings, aerial photographs, and through field inspections; therefore, additional oily soil may exist that was not detected during limited field investigation.

HLA recommends two methods of oily soil remediation including surgical excavations and onsite soil blending with clean soil to achieve TRPH concentrations in compliance with those specified in City Specification 431-92. The Phase II Investigation Report identifies the potential for additional oily soil to be found during grading operations, which will be addressed at that time. Lead impacted soil was detected in the southeastern portion of Area 1 (District 7) in the vicinity of one of the AST sample locations. HLA recommended further investigation and remediation by Chevron of the lead impacted soil.

The Phase II investigation also notes several soil samples that detected potentially hazardous materials. This includes one sample, in Area 2 (District 8A) that included a pH of 4.7, which was not representative of the other 59 samples, which ranged in pH values from 7.0 to 9.6. However, HLA states in the report that a substance is considered hazardous by virtue of its corrosivity if the pH is less than 2.0; therefore the results are still within the standards of residential development. Another soil sample in the northeast corner of the project (Huntington Street and Atlanta) included concentrations of mercury; HLA extracted the sample and analyzed it for mercury by EPA method 7470 and the mercury content was not detected at or above 0.002 mg/L.

In Area 2 (District 8A) low concentrations of 2-butanone were found in one soil sample, styrene in four soil samples, and acetone in four soil samples. 2-Butanone and acetone are common laboratory contaminants. The origin of the styrene is unknown. While these three chemicals were present above laboratory detection limits, all three chemicals were several orders of magnitude below US EPA preliminary remediation goals. Additional sampling was conducted in the vicinity of the oily soil area in Area 2 by drilling to determine the vertical extent of the oily soil. Soil samples indicated that TRPH concentration was below laboratory detection limits for samples from 10 feet below ground surface. Hand-auger borings were also advanced to further delineate the extent of lead-impacted soil in the southeastern portion of Area 1. Soil samples were analyzed for lead only and indicated that the TTLCs were close to and greater than ten times the maximum STLC; respectively, the samples were extracted, and the STLC extracts were analyzed for lead utilizing EPA Method 6010. This method revealed lead concentration in the STLC extract that exceeded the maximum STLC concentration for lead of 5.0 mg/L. The maximum expected volume of lead-impacted soil was documented as approximately 10 cubic yards, based on the hand-auger sample locations and a conservative 3-foot depth. It was stated that further investigation and remediation of the lead-impacted soil would be conducted by Chevron and would be documented in a separate report.

Phase II Investigation conclusions report that (1) remediation is necessary in limited locations in Areas 1 and 2 and that (2) surgical excavations and onsite soil blending of these limited areas of oil-impacted soil to achieve TRPH concentration in compliance with those specified in City Specification No. 431-92 constitute the recommended remediation approach. This remediation plan was superseded by the revised remediation plan submitted on June 15, 2001.

July 1997: Letter Report-Soil Excavation, Sampling, and Disposal of Lead Impacted Soil, Atlanta Lease, Huntington Beach, California Project # 0794201

Chevron Land & Development (CL&D) retained Blasland, Bouck & Lee (BBL) on May 5, 1997 to perform the removal and disposal of lead impacted soil (in excess of the soluble threshold limit concentration [STLC] of 5 ppm) located on the southwestern portion of the site identified in the Phase II Investigation Report/Remediation Plan prepared by HLA in 1996. Prior to excavation and transportation of the soil to the disposal facility, Laidlaw Environmental Services (the disposal contractor) requested that an additional soil sample analysis be performed to determine if the soil was classified as RCRA-listed hazardous waste. BBL collected one soil sample and submitted it to Del Mar Analytical for analysis; the sample was analyzed for Total Characteristic Leaching Procedure (TCLP) and was non-detect for lead by TCLP, hence the soil was classified as a non-RCRA hazardous waste for disposal purposes. On May 6, 1997 BBL supervised the excavation of the contaminated soil. Approximately 10 cubic yards of impacted soil were excavated from this area. Four samples were collected from the open excavation and, per analysis for soluble lead (STLC) according EPA Method 6010, all four contained soluble lead at concentrations below the Title 22 action level of 5 ppm (the samples ranged from 0.11 ppm to 3.7 ppm). The open excavation was backfilled with clean soil from the site and the bins with the lead impacted soil were loaded onto trucks and transported to Laidlaw's Class I Landfill located in Buttonwillow, California. A non-RCRA hazardous waste manifest was obtained documenting the transport of the soil.

December 1997: Blasland, Bouck & Lee, Inc. Letter Report-Soil Excavation, Sampling, and Disposal of Lead impacted Soil, Atlanta Lease, Huntington Beach, California

This letter/report was prepared by Blasland, Bouck & Lee (BBL), Inc for Chevron Land & Development to document the excavation, disposal and confirmatory sampling of an area of contaminated soil located in the south-central portion of the Atlanta Lease Property. The contaminated area was identified previously in a report by Harding Lawson & Associates (HLA), concerning previous shallow soil sampling performed at the subject property. In this report, a small area containing concentrations of lead in excess of the soluble threshold limit concentration (STLC) of 5 ppm was identified. The impacted area was defined by several HLA hand auger locations drilled in a circular pattern. The depth of the impacted soil was reportedly limited to approximately 3 feet below ground surface. On April 25, 1997, BBL personnel collected an additional soil sample designated from the impacted area to determine if the soil

classified as RCRA-listed hazardous waste. The sample, designated Atlanta-1, was analyzed for lead and was found to be non-detect for this contaminant. As a result the soil was classified as a non-RCRA hazardous waste for disposal purposes.

On May 6, 1997, BBL personnel supervised the excavation of the contaminated soil at the subject property. The dimensions of the excavation were approximately 12 feet long, 7 feet wide and 4 feet deep. Approximately 10 cubic yards of impacted soil were excavated from this area. A total of four confirmatory samples were collected from the open excavation following the removal of the impacted soil. The excavation was backfilled with clean native soil located on the subject property. The confirmatory samples were analyzed for soluble lead (STLC) consistent with EPA analytical methods. All samples contained soluble lead at concentrations below the regulatory action levels (5 ppm). The lead impacted soil was loaded into bins and disposed of at a Class I landfill.

March 26, 1998: Aqua Science Engineers Phase I Environmental Site Assessment Atlanta Avenue Property, Huntington Beach

This Phase I was prepared by Aqua Science Engineers (ASE) for Capital Pacific Holdings in 1998 as a requirement for the acquisition of the Pacific City property. The majority of the information in the report is based on review of the previous documents summarized above. However, some new information was provided.

In the Former Uses of Adjoining Properties section, a gasoline station was identified as a former use (early 1970's to late 1980's) adjacent to the property, located on the eastern corner of PCH and Huntington Street (site of Hilton Hotel). ASE also conducted an interview with Hazardous Management Consulting (HMC) in March 1998. HMC stated that both they and HLA were contracted by Shea to complete a site assessment and remediation [plan] for the property in accordance with Huntington Beach Specification 431-92 for redevelopment of the property. HMC stated that most of the remaining soil remediation would be conducted during site grading and soil compaction operations associated with the future residential development and that "considerably more soil" remains to be cleaned up on the site. HMC also stated that oil impacted soil previously stockpiled onsite and additional oily soil to be uncovered during site grading will be remediated by mixing with clean soil on site until concentrations of TPH are within City Specification 431-92 limits. HMC also commented on potential environmental concerns in groundwater beneath the property stating that RWQCB is not concerned with this property, because it is located on the seaward side of the Talbert Groundwater Barrier and that

the water on the site is non-beneficial due to high TDS (total dissolved solid salt), associated with historical salt water injection during oil production and natural salt water intrusion.

ASE also conducted a site reconnaissance and identified transformers on utility poles and a metal electrical enclosure, partially submerged in water; ASE's concern is that the transformers on the utility poles could contain PCBs and that the metal enclosure could contain transformers with PCBs and that it could be a shock hazard submerged in water. ASE also identified possible asbestos in the motel and restaurant, which was also abated for asbestos and demolished in 2001. Also during the site reconnaissance in 1998, ASE observed a gas (as in 1993), possibly methane, bubbling up from the exposed casing of well PE141, and a concrete building foundation with friable vinyl floors that could contain asbestos.

June 2, 1999: Export of 226,000 cubic yards of soil to Hyatt Regency site

Fill soil for the Hyatt Regency site was excavated from the sand borrow area of the project site. Excavations were monitored by a paleontologist and by Harding ESE environmental technicians. The technicians performed visual inspections of the bottom and sidewalls (where applicable) of each excavation and submitted confirmation samples to either a mobile or off-site laboratory for testing to ensure that total recoverable petroleum hydrocarbons (TRPH) were below the criteria specified in City Specification 431-92. Samples that required further analysis were excavated and treated until the applicable criteria were met. Excavations were subsequently backfilled with soil that met City Specification 431-92 criteria. Fill samples were collected from each fill deposit and analyzed for TRPH to ensure the suitability of the fill (Harding ESE 2002b).

July–September 1999: Additional soil investigations by HLA

According to the site investigation history provided by Harding ESE in Revision 3 to their remediation plan for the project site, which is provided in its entirety in this appendix (Harding ESE 2002b), Harding Lawson Associates performed additional soil investigations on the site from July to September 1999. These investigations focused upon evaluating the remediation requirements for the site. Soil samples, both shallow and deep, were collected from a series of trenches and submitted to a mobile laboratory for analysis of TRPH levels. TRPH levels in some soil samples exceeded City Specification 431-92 criteria. A subsequent report that will be submitted with site closure documents will include further details regarding this investigation.

***March 2000: Asbestos Abatement, Completed Document Package,
Huntington Shores Hotel, Buildings 1,2,3, & 4***

This completed project document package for asbestos abatement was prepared for Capital Pacific Homes, Inc. (CPH) in 2000, by MARCOR Remediation, Inc. (MARCOR). MARCOR was retained to remove and dispose of 5,800 square feet of acoustic ceiling, 2,400 square feet of duct insulation, 1,250 square feet of mastic, 40 square feet of tape/sealant transite, and 10 square feet of HVAC “flex joint” connector. Work on the asbestos phase began on January 31, 2000. During removal of ACM, air sampling was performed. Final air sampling results were all below the EPA clearance level of 0.01 fibers per cubic meter. Asbestos waste was hauled by BDC Special Waste Services and transported to Azusa Land Reclamation for proper disposal. All work was performed in conformance with all federal, State, and local regulations, under supervision of AGRA Earth & Environmental, Inc., an environmental consultant, and completed by February 16, 2000.

April 2000: Groundwater Well Installation and Monitoring

In April 2000, Harding ESE (2002a) collected groundwater samples from three wells located on the project site. Laboratory analysis of these samples identified the presence of 0.67 milligrams per kilogram diesel-range petroleum hydrocarbons in Well W-2, which is not located in one of the proposed remediation zones. Groundwater samples did not contain detectable concentrations of analytes from EPA test methods for oil and grease, TRPH, volatile fuel hydrocarbons, VOCs, semi-volatile organic compounds, pesticides, or PCBs.

October 17, 2000: Asbestos Bulk Survey, Former Grinder Restaurant

Bryan A. Stirrat and Associates (BAS) performed a pre-demolition bulk survey for ACM in the former Grinder Restaurant structure. The survey consisted of inspecting accessible areas and collecting samples from homogenous materials suspected of containing asbestos. Sampling did not include inaccessible areas such as inter-wall spaces; however, BAS attempted to sample all wall system layers and inspect crawl spaces and attic areas.

The survey focused on three categories of suspect ACM: surfacing materials (sprayed or troweled onto building components), thermal system insulation (insulating covers or layered materials on piping, fittings, ducts, or other components), and miscellaneous materials, such as floor and ceiling coverings, roofing tiles, transite products, and sheetrock/joint compound. The visual inspection evaluated these materials based on physical condition, water damage, accessibility, vibration, and friability of the materials, and also allowed the inspector to develop

an inventory of suspect materials where samples were collected or where asbestos was assumed to occur.

A total of 42 bulk samples were collected and sent for polarized light microscopy analysis to Micron Environmental Labs in Arcadia, California. Laboratory results indicate that asbestos was detected in plaster walls, exterior stucco, roofing mastic, and transite pipe. The plaster walls and exterior stucco materials were reported to contain less than one percent asbestos and are, therefore, considered asbestos-containing construction materials (ACCM) and regulated as such by the California Occupational Health and Safety Administration (Cal-OSHA). The California Code of Regulations, Title 8, Part 1529 requires, if the asbestos content of a wall system is between 0.1 and one percent, that the employer comply with the registration and reporting requirements of Sections 341.6 to 341.14. Removal or disturbance of 100 square feet or more of friable or non-friable ACM must be performed by a contractor that is registered with the Division of Occupational Safety and Health to conduct asbestos-related work and certified by the California Contractors' State License Board. Also, Rule 1403 of the South Coast Air Quality Management District (SCAQMD) requires specific procedures during renovation or demolition, as well as a ten-working-day notification to the SCAQMD prior to initiation of such work.

BAS also recommended that if ACM or ACCM is encountered during demolition activities, the materials should be characterized prior to resumption of demolition activities. BAS also recommended that contractors be made aware of the potential for hidden ACM or ACCM and be required to develop contingency provisions for ACM discovery or handling (BAS 2000).

December 2000: Air Monitoring and Abatement Oversight, Former Grinder Restaurant

The Air Monitoring and Abatement Oversight report was prepared for Capital Pacific Homes (CPH) in December 2000, by Bryan A. Stirrat & Associates (BAS). The report summarizes air monitoring and asbestos abatement oversight activities that were conducted by BAS at the site of the former Grinder Restaurant. The oversight activities took place on November 13 through 17, 2000. Tri-State Restoration, Inc., the asbestos abatement contractor for the project, was retained by the building owner under a separate contract. The contractor was responsible for the proper abatement and disposal of ACM, which included transite pipe and roofing material. Work area isolation containment barriers were constructed of wood, plastic sheeting, and duct tape prior to any ACM removal. These barriers served to isolate the work area and prevent contamination of the outside environment. Access to the operation area was provided by

means of a two-stage decontamination unit. Air samples were taken and analyzed at Micron Environmental Labs using Phase Contrast Microscopy according to the National Institute of Occupational Safety and Health (NIOSH) Method 7400, "A" counting rules. All work was performed in compliance with applicable local, State, and federal regulations. Oversight activities involved air sampling and analysis during and after removal of ACM and visual inspection for completeness of abatement (i.e., inspected for presence of residue on surfaces from which ACM was removed). Based on these samples and inspections, BAS concluded that work practices observed were performed properly.

June 15, 2001: Revised Remediation Plan, Atlanta Site, Property Bounded by PCH, Huntington Street, Atlanta Avenue, and First Street, Huntington Beach, California. Conditional Use Permit 00-36, Coastal Development Permit 00-09

This document is the first revision to the soils remediation plan for the project site prepared in December 1996 and summarized above. This document was superseded by Revision 3 of the remediation plan, which is included in this appendix in its entirety.

October 23, 2001: Commencement of Remediation of approximately 30,000 cubic yards of soil under CDP 00-99/CUP 00-36

This task was granted a categorical exemption under Section 15330 of the CEQA Guidelines. The work is in the southeastern portion of the site and will avoid the archaeological site, which will be fenced. Remediation began in October 2001 and has not yet been completed. As such, no closure report has yet been prepared.

February 2002: Additional Soil Investigation

Harding ESE performed additional soil investigation in February 2002 to evaluate the depth of soils affected by petroleum hydrocarbons near groundwater, and these results are summarized in Remediation Plan Revision 3. Three core borings were excavated four to five feet past groundwater. Results indicated that where hydrocarbons in soil have extended past groundwater (brackish, no city wells), the soil impacted is within one to two feet of first encountered groundwater. Not all impacted areas extend to groundwater. A subsequent report that will be submitted with site closure documents will include further details regarding this investigation, which were only included in summary format in the remediation plan (Harding ESE 2002a, 2002b).

Remediation Plan, Rev. 3
Atlanta Site
Property Bounded by PCH, Huntington Street,
Atlanta Avenue, and First Street
Huntington Beach, California
Conditional Use Permit 00-36
Coastal Development Permit 00-09
(PW 01-023, L01-158)

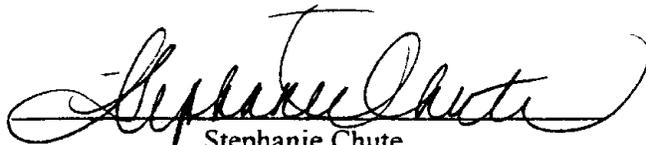


**Remediation Plan, Rev. 3
Atlanta Site
Property Bounded by PCH, Huntington Street,
Atlanta Avenue, and First Street
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(PW 01-023, L01-158)**

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APPENDIXES

A	COASTAL DEVELOPMENT PERMIT NO. 00-09/CONDITIONAL USE PERMIT NO. 00-36
B	30-DAY NOTIFICATION LETTER TO SURROUNDING NEIGHBORS [Includes a list of addresses within 300 feet of the property as provided by First American Title Company (Subject property identified as assessor's parcel number 024-271-05)]

DISTRIBUTION

1.0 INTRODUCTION

This report presents the remediation plan for the area bounded by Pacific Coast Highway (PCH), Huntington Street, Atlanta Avenue, and First Street in Huntington Beach, California (the Atlanta Site). Laboratory results from a soil investigation performed by Harding ESE, Inc. (Harding ESE, formerly Harding Lawson Associates [HLA]), have been used to evaluate the lateral and vertical extent of oily soil at the Atlanta Site. Proposed development for the Atlanta Site, also known as Areas 1 and 2, includes a mixed use of residential and commercial development. Area 1 will be developed for commercial purposes. Area 2 will be developed for residential purposes. This site totals approximately 31 acres and is located within the Huntington Beach Oil Field. MS Vickers II, LLC, purchased this property from Chevron Land and Development Company (CL&D) as one of a group of properties in Huntington Beach. MS Vickers subsequently sold the property and the current owner is Makar Properties, formerly known as Capital Pacific Holdings (CPH). Investigation and remedial efforts are governed by City of Huntington Beach Specification 431-92, Soil Clean-Up Standard (City Specification 431-92), dated July 30, 1992. The Huntington Beach Fire Department (HBFD) is the local oversight agency for soil remediation.

The Huntington Beach soil cleanup standards for all total recoverable petroleum hydrocarbons (TRPH)-impacted soil for residential and commercial sites are less than 500 milligrams per kilogram (mg/kg) and 1,000 mg/kg, respectively. However, at sites where the EPA Test Method 8015M (termed Table I analyses) and EPA Test Methods 8020 and 8270 (termed Table II analyses) criteria are met, the soil cleanup standard is less than 1,000 mg/kg for residential sites and 2,000 mg/kg for commercial sites.

Activities discussed in this remediation plan are in response to Conditions of Approval specified in the Coastal Development Permit No. 00-09/Conditional Use Permit No. 00-36 which is provided as Appendix A.

2.0 BACKGROUND

2.1 Phase II Investigation

HLA presented its plan for investigating the Atlanta Site in the *Phase II Investigation Plan, Atlanta Areas, Huntington Beach Oil Field, Huntington Beach, California*, dated July 26, 1996. HLA's strategy was to implement a limited investigation program in each of the areas to allow for the discovery and removal of oily soil and hazardous materials. The plan detailed HLA's intent to investigate locations suspected of containing hazardous material and/or containing large quantities of oily soil. The locations targeted were former aboveground storage tanks, sumps, pipelines, and wells identified during a Phase I assessment. The extent of oily soil was determined by laboratory analysis and visually in the field with limited backhoe potholing, trenching, and drilling. The Phase II investigation fieldwork was performed between August 5 and 16, 1996. A remedial action plan was developed based on the results of the field investigation. Results of the Phase II investigation and the remedial action plan are presented in the HLA report *Phase II Investigation Report/Remediation Plan, Atlanta Property (Areas 1 and 2), Huntington Beach Oil Field, Huntington Beach, California*, dated December 19, 1996, and approved by the HBFD. Based on this Remediation Plan, the remedial activities described below were implemented.

2.1.1 Remediation Field Activities - 1997/1998

HLA obtained grading permits from the City of Huntington Beach Department of Public Works. Beginning in 1997 and continuing through February 1998, limited remediation operations were performed at the Atlanta Site at locations identified on Plate 1. These excavated areas were backfilled with mechanically treated soil that was within acceptable TRPH concentrations outlined in City Specification 431-92. A detailed description of remediation efforts conducted at the site will be presented in a subsequent closure report.

Oily soil was removed from the remediation areas described above using scrapers, backhoes, and/or excavators (whichever technically feasible soil removal technique was the most cost effective). Field personnel were present onsite to provide oversight of the remediation activities. Field personnel documented the remediation activities and collected bottom grade, interim (screen and treatment), confirmation, and backfill samples.

Approximately 20,000 cubic yards of oily soil was excavated from the Atlanta Site during this timeframe. Soil was separated into stockpiles based on TRPH concentrations and visual observation. Soil with TRPH concentrations greater than those specified in City Specification 431-92 was mechanically treated by discing and/or screening TRPH concentrations were below those specified in City Specification 431-92.

2.1.2 Sand Export Activities – 1999

In 1999, the property owner (CPH) allowed implementation of a grading plan developed by Fuscoe Engineering to export approximately 200,000 cubic yards of sand material from the Atlanta Site. The sand material was removed from locations identified on Plate 1. During sand export activities, visual observation by Harding ESE's environmental technicians was performed to identify whether oily soil was present. Visual inspection was conducted in conjunction with confirmation sampling from the bottom and sidewalls (where applicable) of each excavation. Confirmation samples were submitted to either a mobile laboratory or an offsite laboratory for analysis by EPA Test Method 418.1 to ensure that TRPH concentrations in the soil remaining in place are below City Specification 431-92 criteria. Samples requiring further analysis according to Table I criteria met Table II criteria or the affected soil was excavated or mechanically treated until it did meet the criteria. The excavations were backfilled with soil that met City Specification 431-92 criteria. Excavations were backfilled with soil where needed (i.e., not in anticipated future "cut" areas) and compacted in lifts. Soil was placed in 2-foot-thick lifts, sampled, and compacted. This procedure was continued for successive lifts until the excavation was returned to planned final grade. Fill samples were collected from each lift and analyzed for TRPH by EPA Test Method 418.1 to ensure that the fill was suitable for use as backfill; these data will be presented in a subsequent closure report.

2.1.3 Soil Investigation – 1999

HLA performed additional soil investigation at the Atlanta Site from July to September 1999 to evaluate soil remediation requirements. Trenches were cut and soil samples were collected and submitted to a state-certified mobile laboratory for analyses of TRPH using EPA Test Method 418.1. Soil samples were collected at shallow and deep locations within the trenches, and results of this investigation are presented on Plates 2 and 3, respectively. More details regarding this soil investigation will be presented in a subsequent report.

Plate 1 illustrates the archeological exclusion areas, the location of the sand export excavations based on Fuscoe Engineering's grading plan, the former structures on the property, and the results of the 1999 soil investigation.

2.1.4 Soil Investigation – 2002

Harding ESE performed an additional limited soil investigation at the Atlanta Site in February 2002 to evaluate the depth of petroleum hydrocarbon impacted soils near groundwater. Three continuous core borings were extended 4 to 5 feet past groundwater in three of the areas previously delineated as containing elevated concentrations of petroleum hydrocarbons. Based on observations of the continuous cores and subsequent review of analytical data associated with samples collected from these cores, it appears that in cases where petroleum hydrocarbons in soil have extended to groundwater (considered to be brackish due to salt water intrusion), the extent of soil impacted with petroleum hydrocarbons is generally limited to within 1 to 2 feet of first encountered groundwater. Please note that based on observations during the 1999 trenching investigation and substantiated by this limited sampling event, not all impacted areas were observed to extend to groundwater. More details regarding this soil investigation will be presented in a subsequent report.

3.0 REMEDIATION PLAN

3.1 Target Remediation Goal

As previously stated, the planned use for the Atlanta Site is mixed use of residential and commercial, and a target cleanup level of less than 1,000 mg/kg TRPH for residential sites (Area 2) and less than 2,000 mg/kg TRPH for commercial sites (Area 1) will be used (assuming EPA Test Method 8015M and Table II analyses criteria are met).

3.2 Site Preparation

The site has been surveyed to identify elevations and locations of important landmarks and general topographic surfaces. Survey crews will stake out outlines of areas requiring remediation, the existing City of Huntington Beach 18-inch water line, and the 10-foot water line setback zone. In addition, survey crews will measure the final depth of excavations as well as the final elevation of the compacted backfill at the Atlanta Site. Prior to excavation, Harding ESE will obtain grading permits from the City of Huntington Beach Public Works Department. The soil remediation plan is presented on Plate 4 and includes the estimated limits of excavation and volume calculations. Impacted soil will be excavated only within the surveyed property lines; therefore, activities related to the excavation will not encroach upon the public right-of-ways. Work will be conducted in accordance with Harding ESE's site safety plan (SSP) for the Huntington Beach Oil Field parcels.

Considerations for storm water pollution prevention are also identified on the soil remediation plan (Plate 4). These considerations include placing sandbags and filter fabric around the existing storm drain catch basin located on the southeastern portion of the site, protecting the existing drainage swale, and providing a wheel shaker grid and crushed rock pad at the site access point on Huntington Street to minimize the amount of site soils leaving the site via vehicle tires. Please note that engineering plans for additional erosion control facilities (as requested by the City of Huntington Beach Public Works Department and prepared by the property owner's engineer, Hunsaker & Associates) have been submitted as a separate attachment¹. A more

¹ Interim Erosion Control Plan for Pacific City Property, dated March 19, 2002, was submitted by the property owner (Ethen Thacher, on behalf of Makar Properties) to Terri Elliott of the Public Works Department on March 26, 2002. Based on comments received by the City, the plan was revised and resubmitted on May 7, 2002. A copy of the revised plan is included in the SWPPP prepared by Harding ESE, May 2002.

detailed discussion of storm water management can be found in the Storm Water Pollution Prevention Plan (SWPPP), prepared by Harding ESE (May 2002).

3.3 Remediation Approach

The remediation approach for oily soil at the Atlanta Site will be similar to remedial plans previously completed for remediation of other oil field sites within Huntington Beach with one notable exception: since groundwater is present between 5 and 15 feet below ground surface at the Atlanta Site, the depth of excavation is limited without extensive dewatering operations. City Specification 431-92 allows for limitations associated with the depth of excavation as indicated on page 3 within the section entitled "Depth of Contaminated Soil Removal" which states, "soil contamination in excess of the Tables 1 and 2 criteria extending deeper than twenty (20) feet below ultimate finished grade or within five (5) feet of the groundwater table, whichever is shallower, and not exhibiting characteristics of material considered hazardous for disposal purposes may be considered for non-remediation." We had originally proposed that excavation as close as practical to groundwater (say within 1 foot) would satisfy and exceed the minimum requirements of City Specification 431-92. Therefore, soil excavation activities were initially proposed to stop when groundwater was present less than 1 foot below the bottom of the excavation. However, because petroleum hydrocarbon impacted soil appears to have minimal impact into groundwater, we are modifying our plan to include excavation of impacted materials, which will avoid having to complete a request for nonremediation for any oily soils immediately above groundwater.

Soil excavation activities will stop prior to encroachment on the City of Huntington Beach 18-inch water line setback zone (identified on Plate 4). Please note that future development plans for the site are currently being drafted. If the plans indicate that the 18-inch water line will be relocated, oily soil within the setback zone will be removed during construction activities related to the water line relocation. If the plans indicate that the 18-inch water line will remain in its current location, a nonremediation request will be submitted to the HBFD with regard to any oily soil to remain in place within this setback zone.

Standard operating procedures (SOPs) for the excavations and remedial actions are as follows (for oily soils present at or above 1 foot above groundwater):

- **Step 1a.** Observe excavation activities. Excavate until no visual evidence of oily soil is present or until groundwater is present less than 1 foot below the bottom of the excavation. Oily soils will be segregated

and placed on another area of the site that is designated for mechanical treatment by discing (shown on Plate 4). Water trucks will be used to mitigate fugitive dust and minimize remediation-related impacts.

If the depth of excavation reaches 1 foot above groundwater and oily soils are still present, excavation will continue into groundwater until no visual evidence of oily soil is present (however, SOPs will follow those listed as 1b through 5b below).

- Step 2a. Collect bottom grade soil samples and analyze for TRPH using EPA Test Method 418.1 to evaluate the soil conditions.
- Step 3a. If TRPH results of the testing of bottom grade soil samples are below City Specification 431-92 criteria, then analyze for total petroleum hydrocarbons (TPH) using EPA Test Method 8015M. If TPH results of the testing of bottom grade soil samples are below City Specification 431-92 criteria, then halt excavation (for soil remediation purposes). The bottom of the excavation will be surveyed at this time.
- Step 4a. If results of the testing of bottom grade soil samples exceed City Specification 431-92 criteria, then excavate additional soil and resample the bottom grade. If results from the samples are below City Specification 431-92 criteria, then halt excavation. If results from the samples exceed City Specification 431-92 criteria, then excavate an additional lift and resample the bottom grade.

SOPs for excavation and remedial action are as follows for oily soils not completely remediated by the above SOPs (e.g., for those oily soils that extend to within 1 foot of groundwater or below):

- Step 1b. Continue to observe excavation activities. If the depth of excavation reaches 1 foot above groundwater and oily soils are still present, excavation will continue into groundwater until no visual evidence of oily soil is present; however, the size of the excavation working area will be reduced to allow for excavation and subsequent backfill of a geotechnically competent material.

Oily soils will be segregated and placed on another area of the site that is designated for mechanical treatment by discing (shown on Plate 4).

- Step 2b. Collect bottom grade soil samples and analyze for TRPH using EPA Test Method 418.1 to evaluate the soil conditions. Based on survey markers at the site, the Harding ESE field technician will measure the depth of actual excavation.
- Step 3b. Collect bottom grade samples and immediately backfill the excavation, if warranted by field observations, to an elevation equivalent to the top of groundwater. Lateral delineation of the excavation will be surveyed upon completion of a particular remediated zone. Due to the reduced size of the excavations, only minimal excavations into groundwater will be open at any one time to prevent the need for dewatering. In other words, a given area requiring remediation will require a series of small excavation working areas followed by immediate backfilling (if warranted by field observations) to an elevation equivalent to the top of groundwater. The lateral extent of the remediation will be surveyed upon completion of connected excavations in a given area.

Backfill material will likely consist of Class II type mix (a sandy gravel aggregate base) and will be confirmed based on approval of the developer's geotechnical engineer and the city inspector. Geotechnical oversight will be provided during backfill operations to certify that backfill has been placed to at least 90 percent or better relative compaction.

- Step 4b. If TRPH results of the testing of bottom grade soil samples are below City Specification 431-92 criteria, then analyze for TPH using EPA Test Method 8015M. If TPH results of the testing of bottom grade soil samples are below City Specification 431-92 criteria, then the soil remediation for the excavation associated with the bottom samples will be deemed complete.

Once soil remediation is deemed complete in a given area, the excavation area will be backfilled with additional Class II type mix backfill material to bring the backfill elevation to at least 1 foot above groundwater.

- Step 5b. If results of the testing of bottom grade soil samples exceed City Specification 431-92 criteria, then reexcavate the small excavation working area associated with the bottom grade sample to include removal of an additional lift of soil, and collect another bottom grade sample. (Steps 2b through 4b above will be implemented again.)

Soil with TRPH concentrations greater than those specified in City Specification 431-92 are to be mechanically treated onsite until TRPH concentrations below those specified in City Specification 431-92 for residential (Area 2) and/or commercial (Area 1) properties are obtained. Excavated soil will be mechanically treated by discing and sampled to assess concentrations of TRPH and placed in stockpiles that do not exceed a maximum height of 8 feet. Water will be used to minimize remediation-related impacts on surrounding properties. If necessary, polymer binder may be applied to stockpiled soil. Samples will be collected from each layer in the stockpiles and analyzed for TRPH by EPA Test Method 418.1. Soil with concentrations exceeding City Specification 431-92 will undergo additional mechanical treatment by discing and be resampled prior to use as backfill material.

Due to the potential for wet soils following excavation of soils into groundwater, any soil deemed to be too wet for mechanical treatment will be placed in a separate stockpile for dehydration prior to transfer to the treatment stockpile.

If mechanical treatment by discing cannot achieve the TRPH concentration requirements of City Specification 431-92, then soil screening equipment will be utilized for additional mechanical treatment. Samples will be collected from screen material stockpiles and analyzed for TRPH by EPA Test Method 418.1. Screened soil will be mechanically treated by discing and sampled to assess concentrations of TRPH prior to use as backfill material.

Please note that site soil (e.g., nonimpacted overburden or soils having undergone mechanical treatment) used for backfill will occur only at elevations of 1 foot or higher above encountered groundwater. Any backfill in or within the first foot above groundwater will consist only of Class II type mix (a sandy gravel aggregate base) (as approved by the developer's geotechnical engineer and the city inspector). Geotechnical oversight will be provided during backfill operations to certify that backfill has been placed to at least 90 percent or better relative compaction.

SOPs for the backfill and associated compaction are as follows:

- **Step 1.** Once remediation required to remove oily soils is complete, backfill the excavations with the excavated soils, which include nonimpacted overburden and may include soils that have undergone mechanical treatment, such that the resulting soil is below levels specified by City Specification 431-92.

- Step 2. Place soil in 2-foot lifts, collect samples (at a minimum sampling density of 1 sample per 500 cubic yards), and compact the fill. Compaction tests will be performed on each lift to ensure a minimum compaction of 90 percent of maximum dry density per ASTM 1557-91 and will be documented in a separate report. Analyze samples by EPA Test Methods 418.1 and 8015M for TRPH and TPH, respectively, to ensure the suitability of the fill material for use as backfill. Continue this procedure for successive lifts until the excavation is returned to final grade. If a confirmation soil sample is found to have a concentration above the City Specification 431-92 target cleanup level, then reexcavate the area and resample until the target cleanup level is achieved.

4.0 COMPLIANCE WITH CONDITIONS OF APPROVAL

The following section discusses compliance with conditions of approval for Coastal Development Permit No. 00-09/Conditional Use Permit No. 00-36 with the Permit Condition stated first and Harding ESE's response presented in *italics*:

1. The site plan, received and dated November 1, 2000 shall be the conceptually approved layout, as modified by the applicant on November 9, 2000 to exclude the N.A.P. area as well as to specifically identify the Archeological issue No. 1 area by the assigned ORA number.

The site plan described above is included as Plate 1.

2. Prior to issuance of grading permits, the following shall be completed:
 - a. A remediation plan shall be submitted to the Planning, Public Works, and Fire Departments, for review and approval in accordance with City Specification No. 431-92 and the conditions of approval. The plan shall include methods to minimize remediation-related impacts on the surrounding properties as deemed necessary, including but not limited to application of polymer binder on stockpiled soil areas. (PW)

This document (and Plate 4 in particular) constitutes the remediation plan mentioned above.

- b. The name and phone number of a field supervisor hired by the developer who is onsite shall be submitted to the Departments of Planning and Public Works. In addition, clearly visible signs shall be posted on the perimeter of the site every 250 ft. indicating whom to contact for information regarding this development and any construction/grading related concerns. This contact person shall be available immediately to address any concerns or issues raised by adjacent property owners during the construction activity. He/she will be responsible for ensuring compliance with the conditions herein, specifically, grading activities, truck routes, construction hours, noise etc. Signs shall include the number of the applicants activities contact. City contact (Ms. Sudi Shoja, 714-536-5517) regarding grading and construction activities, and

“1-800-CUTSMOG” if there are concerns regarding fugitive dust and compliance with AQMD Rule No. 403. (PW)

Following contractor selection and prior to implementation of the soil remediation plan, the name and phone number of a field supervisor hired by the developer who will be onsite will be submitted to the Departments of Planning and Public Works. In addition, clearly visible signs shall be posted on the perimeter of the site every 250 feet indicating whom to contact for information regarding this development and any construction and/or grading-related concerns.

- c. The applicant shall notify all property owners within 300 ft. of the perimeter of the property of a tentative grading schedule at least 30 days prior to such grading. (PW)

CL&D will notify all property owners within 300 feet of the perimeter of the property of the tentative remediation schedule. A copy of the notification letter (to be distributed via United States Postal Service) and the list of addressees is presented in Appendix B. The notification will be distributed upon City approval of the remediation plan, at which time a field schedule will be developed and will constitute at least a 30 day notice.

- d. The applicant's grading/erosion control plan and remediation operations shall comply with AQMD Rule No. 403 regarding fugitive dust. (PW)

Remediation activities will comply with AQMD Rule No. 403 regarding fugitive dust. The Soil Remediation Plan will be implemented between April 15th and October 15th to eliminate the need to implement an erosion control plan. However, several pollution control measures (as noted on the Soil Remediation Plan) will be in place to prevent runoff in the event of a storm. Additionally, an Erosion Control Plan developed by the property owner's engineer that addresses drainage on the southeastern portion of the Site will be implemented by the property owner.

- e. If the import or export of soil is required, the applicant shall coordinate with the Public Works Department in developing a truck haul route plan. This plan shall include the approximate number of trips, the proposed truck haul routes, and the site access locations. It shall specify the hours in which transport activities can occur and the methods to mitigate construction related

impacts to adjacent residents and businesses. These plans must be submitted to the Public Works Department Traffic Division for approval. (PW)

The remediation approach does not call for import or export of soil. If necessary, the soil may be screened to facilitate remediation, and the potential exists that the screen reject material may require offsite disposal. If this option becomes necessary, a truck haul route plan that includes the approximate number of trips, the proposed truck haul routes, hours of operation, and the site access locations will be prepared and submitted to the Public Works Department Traffic Division for approval.

- f. A plan shall be prepared and submitted to both the Planning and Public Works Departments identifying wind barriers and screening around remediation equipment and materials. (PW)

The location where soil screening equipment and associated wind barriers will be placed, if used, is identified on the Soil Remediation Plan (Plate 4).

- g. A plan shall be prepared and submitted to the Public Works Department for review and approval that details how all drainage associated with the remediation efforts shall be retained on site and no wastes or pollutants shall escape the site. (PW)

The soil remediation area shall be kept as small as possible, and excavation activities will comply with AQMD Rule No. 403 regarding fugitive dust. The Soil Remediation Plan will be implemented between April 15th and October 15th to eliminate the need for implementation of an erosion control plan and alleviate drainage associated with the remediation efforts. However, several pollution control measures (as noted on the Soil Remediation Plan) will be in place to prevent runoff in the event of a storm. In particular, these include placing sandbags and filter fabric around the existing storm drain catch basin located on the southeastern portion of the Site, protecting the existing drainage swale, and providing wheel shakers and a crushed rock pad at the site access point to prevent site soils from leaving the Site by wheel tracking. Additionally, an erosion control plan developed by the property owner's engineer that addresses drainage on the southeastern portion of the site will be implemented by the property owner. A more detailed discussion of storm water management can be found in SWPPP prepared by Harding ESE (May 2002).

- h. An existing 18" diameter PVC public water main crosses the site between Huntington Street and First Street and appears to be located within areas shown for soil remediation. This water main shall be protected in place or relocated in accordance with the requirements of the Public Works Department Water Division and Fire Department. (PW)

An existing 18" diameter PVC public water main crosses the Atlanta Site, and its location is identified on Plate 1. This water main shall be protected in place during soil remediation activities and as shown on the Soil Remediation Plan (Plate 4).

- i. Any existing mature trees that are to be removed shall be replaced at a 2 to 1 ratio with a 36-inch box tree or palm equivalent. As an alternative, trees may be moved to another location onsite and maintained for relocation compatible with the ultimate site development plan. (PW)

Trees existing prior to remediation (as documented in a pre-job videotape) shall be protected in place during soil remediation activities.

3. During grading and/or remediation the following shall be adhered to:

- a. Stockpiling of dirt onsite shall not exceed eight (8) ft. in height. (PW)

Maximum height of stockpiles will be 8 feet.

- b. Water trucks shall be utilized and shall be available to be used throughout the day during remediation operations to keep the soils damp enough to prevent dust from being raised by the activities. (PW)

Water truck(s) will be utilized throughout the day during remediation operations to keep the soils damp enough to prevent dust from being raised by the activities.

- c. Wet down the remediation areas in the late morning and after work is completed for the day. (PW)

Water truck(s) will be utilized to wet down the remediation areas in the late morning and after work is completed for the day.

- d. Use low sulfur fuel (.05%) by weight for construction equipment. (PW)

Construction equipment will use low-sulfur fuel (.05%) by weight as specified in the Soil Remediation Plan.

- e. Attempt to phase and schedule remediation activities to avoid high ozone days (first stage smog alerts), and discontinue operations during second stage smog alerts. (PW)

Remediation activities will be scheduled to avoid high ozone days (first-stage smog alerts), and operations discontinued during second-stage smog alerts.

- f. All haul trucks shall arrive at the site no earlier than 8:00 a.m., or shall leave the site no later than 5:00 p.m., and shall be limited to Monday through Friday only. (PW)

If necessary, haul trucks shall arrive at the site no earlier than 8:00 a.m. or shall leave the site no later than 5:00 p.m. and shall be limited to Monday through Friday only, as specified in the Soil Remediation Plan.

- g. Hours of operation for all remediation activities associated with the proposed use shall be limited to Monday through Friday 7:00 a.m. – 6:00 p.m. only.

Hours of operation for all remediation activities shall be limited to Monday through Friday 7:00 a.m. – 6:00 p.m. only, as specified in the Soil Remediation Plan.

- h. The construction disturbance area shall be kept as small as possible. (PW)

The soil remediation area shall be kept as small as possible.

- i. All haul trucks shall be covered or have water applied to the exposed surface prior to leaving the site to prevent dust from impacting the surrounding areas. (PW)

If haul trucks are used, then they shall be covered or have water applied to the exposed surface prior to leaving the site to prevent dust from impacting the surrounding areas.

- j. Prior to leaving the site all haul trucks shall be washed off onsite on a gravel surface to prevent dirt from leaving the site and impacting public streets. (PW)

If haul trucks are used, prior to leaving the site all haul trucks shall be washed off onsite on a gravel surface to prevent dirt from leaving the site and impacting public streets.

- k. Comply with appropriate sections of AQMD Rule No. 403, particularly to minimize the fugitive dust and noise to surrounding areas. (PW)

Remediation activities will comply with AQMD Rule No. 403 regarding fugitive dust.

- l. Wind barriers shall be installed along the perimeter of the site. (PW)

A fence with appropriate slats has been installed along the perimeter of the site.

- m. The remediation operations shall be performed in stages concentrating in single area at the time to minimize the impact of fugitive dust and noise to the surrounding areas. (PW)

The soil remediation area shall be kept as small as possible, and excavation activities will comply with AQMD Rule No. 403 regarding fugitive dust.

- 4. Prior to final inspection and approval all required clean up of offsite dirt, pavement damage and/or restriping of the streets shall be completed. (PW)

Required cleanup of offsite dirt, repair of pavement damage, and/or restriping of the streets will be completed prior to final inspection. Initial conditions of surrounding infrastructure will be documented in a pre-job video recording. Offsite dirt will be minimized through the use of a wheel shaker grid and a crushed rock pad for all vehicles leaving the Site.

5. The applicant shall obtain the necessary permits from the South Coast Air Quality Management District and submit a copy to Planning Department

Air monitoring has been performed during previous soil remediation activities and no AQMD-defined volatile organic compounds have been observed during these operations. Therefore, no Rule 1166 permit will be required for this remediation plan. The contractor will comply with AQMD Rule 403 specifications regarding fugitive dust.

6. Compliance with all conditions of approval specified herein shall be accomplished and verified by the Planning Department.

Compliance with this condition is a Huntington Beach Planning Department action item.

7. All building spoils, such as unusable lumber, wire, pipe, and other surplus or unusable material, shall be disposed of at an offsite facility equipped to handle them.

Remediation activities will be performed in an undeveloped field and no building spoils should be encountered. If debris is encountered, it shall be stockpiled onsite, and this material will be the responsibility of the property owner to manage.

8. The use shall comply with the following:

- a. The applicant shall obtain a Fire Department approved remediation plan prior to commencing any site activity. (FD)

This document constitutes the remediation plan mentioned above and has been submitted to the HBFD for approval.

- b. Fire access roads shall be provided in compliance with City Specification No. 401. The circulation plan and dimensions of all access roads shall be subject to review and approval by the Fire Department. (FD)

There are no improvements or structures on the Atlanta Site. There are multiple access points to the undeveloped field.

- c. The project shall comply with the provisions of the Huntington Beach Fire Code and City Specification No. 422, Well Abandonment. (FD)

No oil wells will be abandoned as part of this remediation plan. The oil wells onsite have been re-abandoned within the last few years.

- d. The project shall comply with all provisions of the Huntington Beach Fire Code Section 17.04.085 and the City Specification 429, Methane District Building Permit Requirements. (FD)

No buildings will be constructed as part of this remediation plan.

- e. Installation and/or removal of underground flammable or combustible liquid storage tanks shall comply with Orange County Environmental Health and Huntington Beach Fire Department requirements. Treatment areas may require conformance to City Specification No. 431, Gas Fired Appliances. (FD)

No installation or removal of underground storage tanks will be conducted as part of this remediation plan.

- f. Site closure shall meet conditions specified in the City's soil cleanup standard, City Specification No. 431-92. (FD)

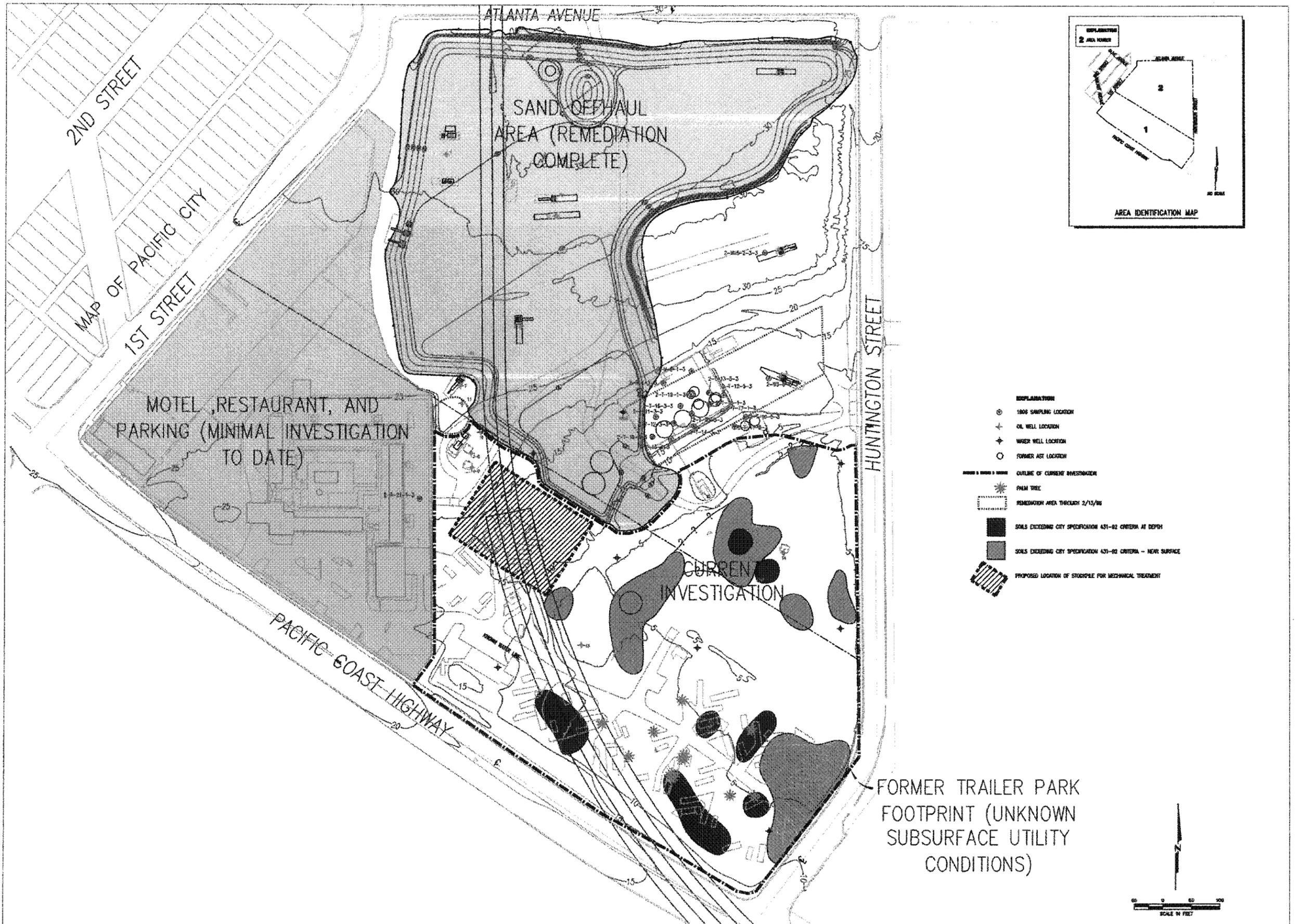
Environmental remediation activities will be performed to achieve conditions presented in City Specification No. 431-92.

- g. Security gates shall be secured with KNOX hardware. (FD)

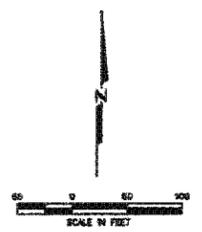
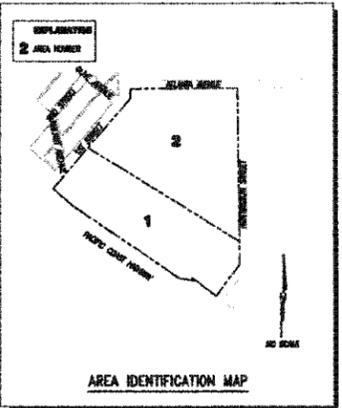
Security gates shall be secured with KNOX hardware.

9. The Planning Director ensures that all conditions of approval herein are complied with. The Planning Director shall be notified in writing if any changes to the site plan, elevations and floor plans are proposed as a result of the plan check process. Building permits shall not be issued until the Planning Director has reviewed and approved the proposed changes for conformance with the intent of the Zoning Administrator's action and the conditions herein. If the proposed changes are of a substantial nature, an amendment to the original entitlement reviewed by the Zoning Administrator may be required pursuant to the HBZSO.

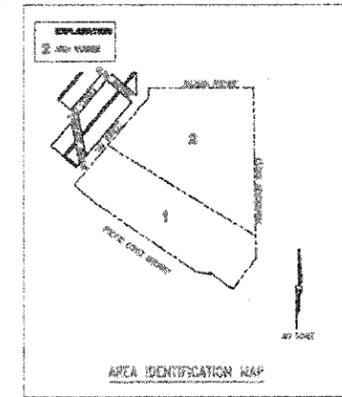
Compliance with this condition is a Huntington Beach Planning Department action item.



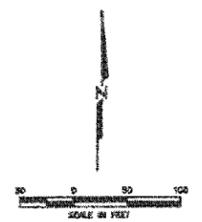
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- ⊙ 1806 SAMPLING LOCATION
 - + OIL WELL LOCATION
 - ⊕ WATER WELL LOCATION
 - FORMER AET LOCATION
 - OUTLINE OF CURRENT INVESTIGATION
 - ★ PALM TREE
 - ▭ REMEDIATION AREA THROUGH 2/15/06
 - SOILS EXCEEDING CITY SPECIFICATION 431-02 CRITERIA AT DEPTH
 - SOILS EXCEEDING CITY SPECIFICATION 431-02 CRITERIA - NEAR SURFACE
 - ▨ PROPOSED LOCATION OF STUDYPILE FOR MECHANICAL TREATMENT



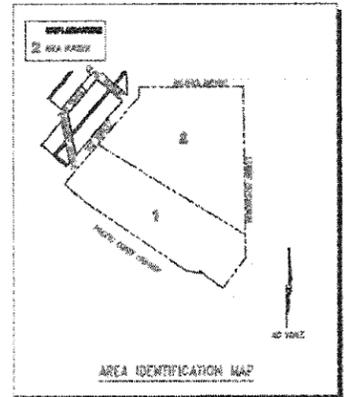
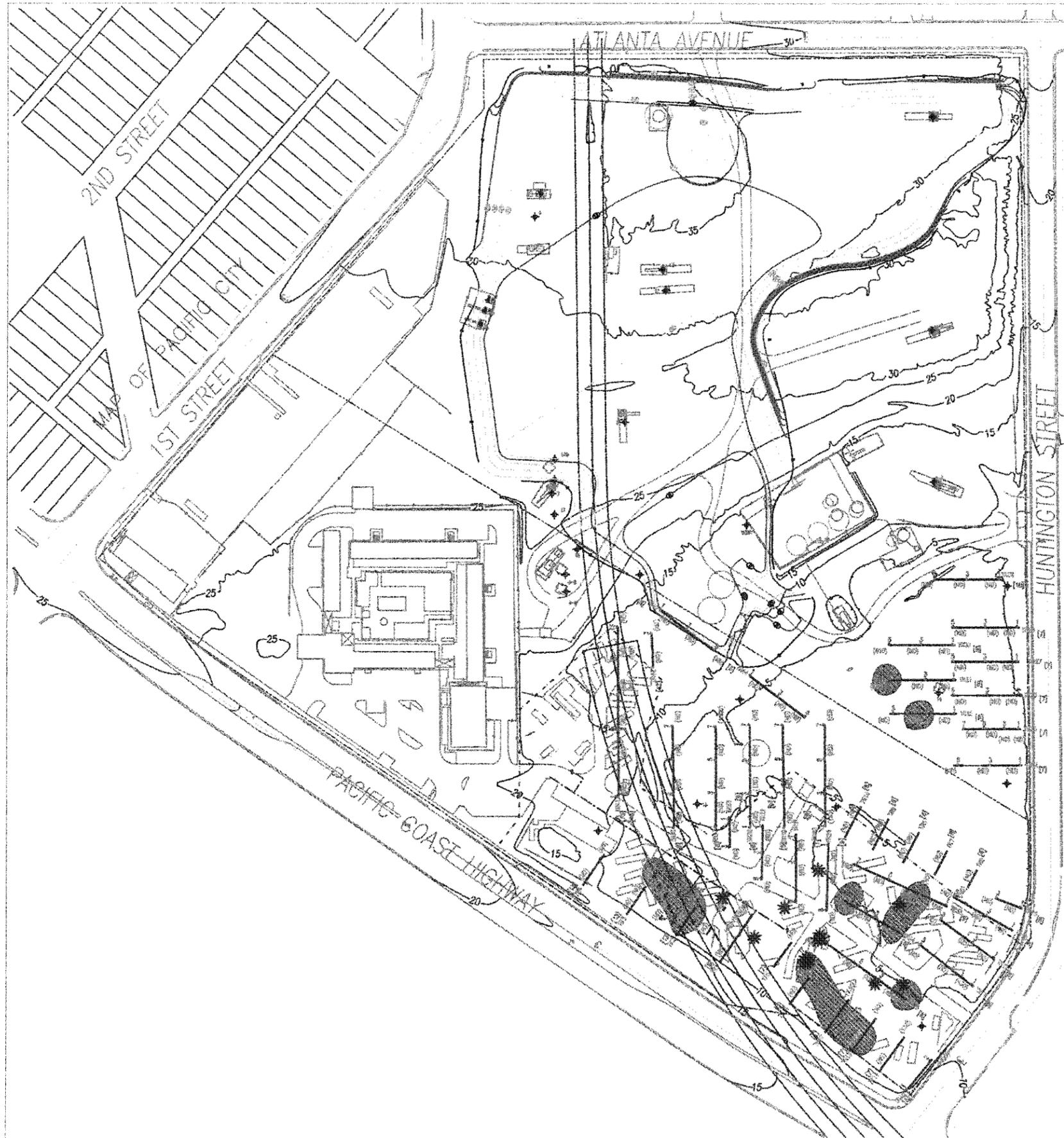
PROJECT NO. 42389-1 SCALE: AS SHOWN APPROVED: [Signature] DATE:		HLA Harding Lawson Associates Engineering and Environmental Services 30 CHERRYBARK WAY, SUITE 400 DUBLIN, CALIFORNIA 94568 (916) 251-1500	Huntington Beach Oil Field Huntington Beach, California	SITE STATUS ATLANTA SITE	SHEET 1 OF 1 REVISION NUMBER: DATE: 10/00
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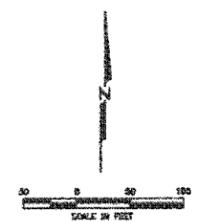
- EXPLANATION**
- ◆ OIL WELL LOCATION
 - ✦ WATER WELL LOCATION
 - FURNACE AIR LOCATION
 - (170) TOTAL RESIDUABLE PYROLYSIS HYDROCARBONS (TPH) IN MILLIGRAMS PER GALLON (mg/gal)
 - (180) NOT DERIVED FROM LABORATORY DETECTION LIMIT
 - TRENCH LOCATION
 - DEPTH OF SAMPLE IN FEET
 - TRENCH DEMONSTRATION
 - SAMPLE LOCATION
 - TPH CONCENTRATION IN mg/gal (OK - GILT SOIL)
 - SOILS EXCEEDING CITY SPECIFICATION 451-42 (GILTS) - HIGH SURFACE
 - - - FORMER VEHICLE FUEL FOOTPRINT (BASED ON SURFACE WATER OBSERVATIONS)
 - * PALM TREE



DRAWN BY: [blank] PROJECT NO.: 04-100-1 ENGINEER: [blank] SCALE: AS SHOWN CHECKED: [blank] APPROVED: [blank] DATE: [blank] DATE: [blank]		Harding Lawson Associates Engineering and Environmental Services 3000 Wilshire Blvd., Suite 400 Beverly Hills, California 90210 (310) 277-1500	Huntington Beach Oil Field Huntington Beach, California	SHALLOW SOIL INVESTIGATION	SHEET: 2 OF: 2 REVISION NUMBER: [blank] DATE: 12/01
REVISIONS: [blank]					



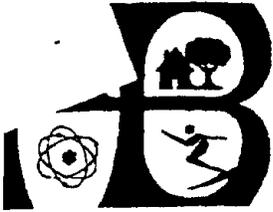
- EXPLANATION**
- ◆ WELLS LOCATION
 - ◆ WELLS BELL LOCATION
 - FURNACE PIT LOCATION
 - 1/1000 TOTAL DEPENDABLE MONITORING HEADWORKS (DMHW) IN MILLIGRAMS PER GALLON (mg/gal)
 - NDL NOT DETECTED ABOVE LABORATORY DETECTION LIMIT
-
- ◆ PUMPIN LOCATION
 - DEPTH OF SAMPLE IN FEET
 - BENCH HEIGHT
 - SAMPLE LOCATION
 - TREAT CONCENTRATION IN mg/kg (5% - 50% SIZE)
-
- SOILS EXCEEDING CITY SPECIFICATION 421-102 UNIFORM AT 60CM
 - - - FORMER TRUCK PARK FOOTPRINT (APPROXIMATE UTILITY CONDUITS)
 - * PALM TREE



REVISIONS NO. DATE BY	SOURCE: J-2 DATE: 01/15/09 DRAWN: [blank] CHECKED: [blank]	PROJECT NO: 09020-1 SCALE: AS SHOWN APPROVED: [blank] DATE: [blank]	Harding Lawson Associates Engineering and Environmental Services 30 DEWEYVILLE ROAD, SUITE 400 FORT LAUDERDALE, FLORIDA 33309 (954) 340-1520	Huntington Beach Oil Field Huntington Beach, California	DEEP SOIL INVESTIGATION	PLAN: 12 SHEET: 12 PERMITS NUMBER: [blank] DATE: 12/19

APPENDIX A

**COASTAL DEVELOPMENT PERMIT NO. 00-09/
CONDITIONAL USE PERMIT NO. 00-36**



**OFFICE of the ZONING ADMINISTRATOR
CITY OF HUNTINGTON BEACH • CALIFORNIA**

P.O. BOX 190

CALIFORNIA 92648

714) 536-5271

NOTICE OF ACTION

December 14, 2000

**PETITION DOCUMENT: COASTAL DEVELOPMENT PERMIT NO. 00-09/ CONDITIONAL
USE PERMIT NO. 00-36**

APPLICANT: Chevron Environmental Management Co., 3100 South Harbor Blvd. Suite
340 Santa Ana, CA 92704

PROPERTY OWNER: Atlanta Huntington Beach LLC., 4100 MacArthur Blvd. Suite 200, Newport
Beach, CA 92660

REQUEST: To excavate, temporarily stockpile, and remediate on-site approximately
30,000 cubic yards of contaminated soil (crude oil stained soil). The
maximum height for the temporary stockpiles of soil is limited to 8 ft.

LOCATION: 21000 Pacific Coast Highway (east side of PCH between Lake St. and
Huntington St.)

PROJECT PLANNER: Amy Wolfe

COASTAL STATUS: NON-APPEALABLE

Dear Applicant:

Your application was acted upon by the Zoning Administrator of the City of Huntington Beach on December 13, 2000, and your request was Conditionally Approved. Included in this letter are the Conditions of Approval for this application.

Under the provisions of the Huntington Beach Zoning and Subdivision Ordinance, the action taken by the Zoning Administrator is final unless an appeal is filed to the Planning Commission by you or by an interested party. Said appeal must be in writing and must set forth in detail the action and grounds by which the applicant or interested party deems himself aggrieved. Said appeal must be accompanied by a filing fee of Two Hundred Dollars (\$200.00) if the appeal is filed by a single family dwelling property owner appealing the decision on his own property and Six Hundred Ninety Dollars (\$690.00) if the appeal is filed by any other party. The appeal shall be submitted to the Secretary of the Planning Commission within ten (10) calendar days of the date of the Zoning Administrator's action.

The last day for filing an appeal and paying the filing fee for the above noted application is December 26, 2000.

Provisions of the Huntington Beach Zoning and Subdivision Ordinance are such that any application becomes null and void one (1) year after the final approval, unless actual construction has begun.

FINDINGS FOR PROJECTS EXEMPT FROM CEQA:

The Zoning Administrator finds that the project will not have any significant effect on the environment and is exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to section 15330 of the CEQA Guidelines, because the proposal consists of clean up activities to eliminate the release or threat of release of a hazardous substance and involves actions costing \$1 million or less.

FINDINGS FOR APPROVAL - CONDITIONAL USE PERMIT NO. 00-36:

1. Conditional Use Permit No. 00-36 for the excavation, temporarily stockpiling, and remediation on-site of approximately 30,000 cubic yards of contaminated soil (crude oil stained soil), as modified by conditions of approval, will not be detrimental to the general welfare of persons working or residing in the vicinity or detrimental to the value of the property and improvements in the neighborhood. The maximum height for the temporary stockpiles of soil is limited to 8ft. The remediation activities are temporary in nature and will be properly mitigated to prevent any impacts, including fugitive dust and noise, to adjacent properties.
2. The conditional use permit will be compatible with surrounding uses. The proposed remediation does not include any substantial permanent change to the current vacant state of the property.
3. Conditional Use Permit No. 00-36 will comply with the provisions of the base district and other applicable provisions in Titles 20-25 of the Huntington Beach Zoning and Subdivision Ordinance and any specific condition required for the proposed use in the district in which it would be located.
4. The granting of the conditional use permit will not adversely affect the General Plan. It is consistent with the Land Use Element designation of Residential High Density and Commercial Visitor on the subject property. In addition, it is consistent with the following goals and policies of the General Plan:

HM 1 - Reduce, to the greatest degree possible, the potential for harm to life, property and the environment from hazardous materials and hazardous waste.

AQ 1.8.2 - Require installation of temporary construction facilities (such as wheel washers) and implementation of construction practices that minimize dirt and soil transfer onto public roadways.

Development Permit No. 00-09/
Local Use Permit No. 00-36

N 1.6.1 - Ensure that construction activities be regulated to establish hours of operation, to prevent and/or mitigate the generation of excessive or adverse noise impacts through the implementation of the existing Noise Ordinance and/ or any future revisions to the Noise Ordinance.

FINDINGS FOR APPROVAL - COASTAL DEVELOPMENT PERMIT NO. 00-09:

1. Coastal Development Permit No. 00-09 for the development project, as modified by conditions of approval, conforms with the General Plan, including the Local Coastal Program. The proposed excavation, temporarily stockpiling, and remediation on-site of approximately 30,000 cubic yards of contaminated soil (crude oil stained soil) is consistent with the Land Use Element designation of Residential High Density and Commercial Visitor on the subject property.
2. The project is consistent with the requirements of the CZ Overlay District, the base zoning district, as well as other applicable provisions of the Municipal Code. The proposed remediation activities will conform with all applicable City Codes as allowed by the conditional use permit.
3. At the time of future occupancy, development on the property can be provided with infrastructure in a manner that is consistent with the Local Coastal Program. All infrastructure will be installed upon construction of any structures on site. The subject proposal does not involve construction of any structures.
4. The development conforms with the public access and public recreation policies of Chapter 3 of the California Coastal Act. The proposed soil remediation activities will not permanently impact views or access to coastal resources.

**CONDITIONS OF APPROVAL - COASTAL DEVELOPMENT PERMIT NO. 00-09/
CONDITIONAL USE PERMIT NO. 00-36:**

1. The site plan, received and dated November 1, 2000 shall be the conceptually approved layout, as modified by the applicant on November 9, 2000 to exclude the N.A.P. area as well as to specifically identify the Archeological issue No. 1 area by the assigned ORA number.
2. Prior to issuance of grading permits, the following shall be completed:
 - a. A remediation plan shall be submitted to the Planning, Public Works, and Fire Departments, for review and approval in accordance with City Specification No. 431-92 and the conditions of approval. The plan shall include methods to minimize remediation-related impacts on the surrounding properties as deemed necessary, including but not limited to application of polymer binder on stockpiled soil areas. (PW)
 - b. The name and phone number of a field supervisor hired by the developer who is on-site shall be submitted to the Departments of Planning and Public Works. In addition, clearly visible signs

shall be posted on the perimeter of the site every 250 ft. indicating whom to contact for information regarding this development and any construction/ grading related concerns. This contact person shall be available immediately to address any concerns or issues raised by adjacent property owners during the construction activity. He/she will be responsible for ensuring compliance with the conditions herein, specifically, grading activities, truck routes, construction hours, noise etc. Signs shall include the number of the applicants activities contact, City contact (Jack Miller (714) 536-5517) regarding grading and construction activities, and "1-800-CUTSMOG" if there are concerns regarding fugitive dust and compliance with AQMD Rule No. 403. (PW)

- c. The applicant shall notify all property owners within 300 ft. of the perimeter of the property of a tentative grading schedule at least 30 days prior to such grading. (PW)
 - d. The applicant's grading/ erosion control plan and remediation operations shall comply with AQMD Rule No. 403 regarding fugitive dust. (PW)
 - e. If the import or export of soil is required, the applicant shall coordinate with the Public Works Department in developing a truck haul route plan. This plan shall include the approximate number of trips, the proposed truck haul routes, and the site access locations. It shall specify the hours in which transport activities can occur and the methods to mitigate construction related impacts to adjacent residents and businesses. These plans must be submitted to the Public Works Department Traffic Division for approval. (PW)
 - f. A plan shall be prepared and submitted to both the Planning and Public Works Departments identifying wind barriers and screening around remediation equipment and materials. (PW)
 - g. A plan shall be prepared and submitted to the Public Works Department for review and approval that details how all drainage associated with the remediation efforts shall be retained on site and no wastes or pollutants shall escape the site. (PW)
 - h. An existing 18" diameter PVC public water main crosses the site between Huntington Street and First Street and appears to be located within areas shown for soil remediation. This water main shall be protected in place or relocated in accordance with the requirements of the Public Works Department Water Division and Fire Department. (PW)
 - i. Any existing mature trees that are to be removed shall be replaced at a 2 to 1 ratio with a 36-inch box tree or palm equivalent. As an alternative, trees may be moved to another location on-site and maintained for relocation compatible with the ultimate site development plan. (PW)
3. During grading and/ or remediation the following shall be adhered to:
- a. Stockpiling of dirt on-site shall not exceed eight (8) ft. in height. (PW)

- b. Water trucks shall be utilized and shall be available to be used throughout the day during remediation operations to keep the soils damp enough to prevent dust from being raised by the activities. (PW)
 - c. Wet down the remediation areas in the late morning and after work is completed for the day. (PW)
 - d. Use low sulfur fuel (.05%) by weight for construction equipment. (PW)
 - e. Attempt to phase and schedule remediation activities to avoid high ozone days (first stage smog alerts), and discontinue operations during second stage smog alerts. (PW)
 - f. All haul trucks shall arrive at the site no earlier than 8:00 a.m., or shall leave the site no later than 5:00 p.m., and shall be limited to Monday through Friday only. (PW)
 - g. Hours of operation for all remediation activities associated with the proposed use shall be limited to Monday through Friday 7:00 a.m. - 6:00 p.m. only.
 - h. The construction disturbance area shall be kept as small as possible. (PW)
 - i. All haul trucks shall be covered or have water applied to the exposed surface prior to leaving the site to prevent dust from impacting the surrounding areas. (PW)
 - j. Prior to leaving the site all haul trucks shall be washed off on-site on a gravel surface to prevent dirt from leaving the site and impacting public streets. (PW)
 - k. Comply with appropriate sections of AQMD Rule No. 403, particularly to minimize the fugitive dust and noise to surrounding areas. (PW)
 - l. Wind barriers shall be installed along the perimeter of the site. (PW)
 - m. The remediation operations shall be performed in stages concentrating in single areas at the time to minimize the impact of fugitive dust and nose to the surrounding areas. (PW)
4. Prior to final inspection and approval all required clean up of off-site dirt, pavement damage and /or restriping of the streets shall be completed. (PW)
 5. The applicant shall obtain the necessary permits from the South Coast Air Quality Management District and submit a copy to Planning Department.
 6. Compliance with all conditions of approval specified herein shall be accomplished and verified by the Planning Department.

7. All building spoils, such as unusable lumber, wire, pipe, and other surplus or unusable material, shall be disposed of at an off-site facility equipped to handle them.
8. The use shall comply with the following:
 - a. The applicant shall obtain a Fire Department approved remediation plan prior to commencing any site activity. (FD)
 - b. Fire access roads shall be provided in compliance with City Specification No. 401. The circulation plan and dimensions of all access roads shall be subject to review and approval by the Fire Department. (FD)
 - c. The project shall comply with the provisions of the Huntington Beach Fire Code and City Specification No. 422, Well Abandonment. (FD)
 - d. The project shall comply with all provisions of the Huntington Beach Fire Code Section 17.04.085 and the City Specification 429, Methane District Building Permit Requirements. (FD)
 - e. Installation and/or removal of underground flammable or combustible liquid storage tanks shall comply with Orange County Environmental Health and Huntington Beach Fire Department requirements. Treatment areas may require conformance to City Specification No. 431, Gas Fired Appliances. (FD)
 - f. Site closure shall meet conditions specified in the City's soil cleanup standard, City Specification No. 431-92. (FD)
 - g. Security gates shall be secured with KNOX hardware. (FD)
9. The Planning Director ensures that all conditions of approval herein are complied with. The Planning Director shall be notified in writing if any changes to the site plan, elevations and floor plans are proposed as a result of the plan check process. Building permits shall not be issued until the Planning Director has reviewed and approved the proposed changes for conformance with the intent of the Zoning Administrator's action and the conditions herein. If the proposed changes are of a substantial nature, an amendment to the original entitlement reviewed by the Zoning Administrator may be required pursuant to the HBZSO.

INFORMATION ON SPECIFIC CODE REQUIREMENTS:

1. Coastal Development Permit No. 00-09/ Conditional Use Permit No.00-36 shall not become effective until the ten calendar day appeal period has elapsed for the Coastal Development Permit.

2. Coastal Development Permit No. 00-09/Conditional Use Permit No.00-36 shall become null and void unless exercised within one year of the date of final approval which is December 13, 2001 or such extension of time as may be granted by the Director pursuant to a written request submitted to the Planning Department a minimum 30 days prior to the expiration date.
3. The Zoning Administrator reserves the right to revoke Coastal Development Permit No. 00-09/Conditional Use Permit No.00-36, pursuant to a public hearing for revocation, if any violation of these conditions or the Huntington Beach Zoning and Subdivision Ordinance or Municipal Code occurs.
4. All applicable fees from the Building, Public Works, and Fire Departments shall be paid prior to the issuance of Building Permits.
5. The development shall comply with all applicable provisions of the Municipal Code, Building Department, and Fire Department as well as applicable local, State and Federal Fire Codes, Ordinances - Noise Ordinance inclusive-, and standards, except as noted herein.
6. Construction shall be limited to Monday - Saturday 7:00 AM to 8:00 PM. Construction shall be prohibited Sundays and Federal holidays.
7. The applicant shall submit a check in the amount of \$43.00 for the posting of the Notice of Exemption at the County of Orange Clerk's Office. The check shall be made out to the County of Orange and submitted to the Planning Department within two (2) days of the Zoning Administrator's action.

The Planning Department will perform a comprehensive plan check relating to all Municipal Code requirements upon submittal of your completed structural drawings.

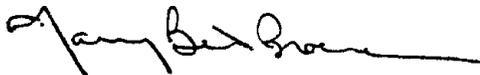
Please be advised that the Zoning Administrator reviews the conceptual plan as a basic request for entitlement of the use applied for in relation to the vicinity in which it is proposed. The conceptual plan should not be construed as a precise plan reflecting conformance to all Code requirements.

It is recommended that you immediately pursue completion of the Conditions of Approval and address all requirements of the Huntington Beach Municipal Code in order to expedite the processing of your total application.

Coastal Development Permit No. 00-09/
Conditional Use Permit No. 00-36
Page 8

I hereby certify that Coastal Development Permit No. 00-09/Conditional Use Permit No.00-36 was Conditionally Approved by the Zoning Administrator of the City of Huntington Beach, California, on December 13, 2000, upon the foregoing conditions and citations.

Very truly yours,



Mary Beth Broeren
Zoning Administrator

MBB:AW:rmk

xc: Property Owner

APPENDIX B

30-DAY NOTIFICATION LETTER TO SURROUNDING NEIGHBORS



Dear Huntington Beach Neighbor:

Within the next two to four months, Chevron Land and Development Company will be cleaning up the 31-acre oilfield bounded by Pacific Coast Highway, Huntington Street, Atlanta Avenue, and First Street. The property is being cleaned up so that the landowner, Makar Properties, can develop the property in the near future.

Work performed by Chevron's contractors will be conducted pursuant to Coastal Development Permit No. 00-09/Conditional Use Permit 00-36, in conformance with the City of Huntington Beach Soil Clean-Up Standard (City Specification 431-92), and under the supervision of the Huntington Beach Fire and Public Works Departments. The work will include:

- Minimal grading necessary to excavate and mechanically screen soils containing crude oil.
- Soil sampling to ensure compliance with City of Huntington Beach oilfield cleanup standards.
- Minimal grading to place and compact remediated soil as fill.

As a result of work with construction equipment, dust may be unavoidably produced. A plan to control dust will be implemented to ensure that dust does not leave the property boundaries as required by the South Coast Air Quality Management District.

For information or questions concerning the work, please contact any of the following:

Harding ESE (Chevron's onsite environmental consultant) – (949) 224-0050 ext. 246
Chevron Land and Development Company – (714) 427-1215
Makar Properties – (949) 622-8400
City of Huntington Beach Department of Public Works – (714) 536-5431
South Coast Air Quality Management District – (800) CUT-SMOG

024 161 01
Alfred Palladino
106 Olive Ave
Huntington Beach, CA 92648

024 161 06
Gary Haas
302 2Nd St
Huntington Beach, CA 92648

024 161 07
Marian Dart
310 2Nd St
Huntington Beach, CA 92648

024 161 11
Gerald Walsh Jr.
78-7234 Puuloa Rd
Kailua Kona, HI 96740

024 161 12
John & Alice Parnakian
Parnakia
205 1St St
Huntington Beach, CA 92648

024 161 14
Gina Palladino
308 2Nd St
Huntington Beach, CA 92648

024 161 15
Michael William & Roberta Diane Rusi
304 2Nd St
Huntington Beach, CA 92648

024 161 16
Gina Palladino
308 2Nd St
Huntington Beach, CA 92648

024 162 01
Cap Pac Llc
4100 Macarthur Blvd #200
Newport Beach, CA 92660

024 162 02
Harold Tomkins
76 -580 California Dr
Palm Desert, CA 92211

024 162 03
Harold Tomkins
76 -580 California Dr
Palm Desert, CA 92211

024 162 04
Luba Galkin
101 Huntington St
Huntington Beach, CA 92648

024 162 05
Velma Goebel
2017 W Martha Ln
Santa Ana, CA 92706

024 162 06
Velma Goebel
2017 W Martha Ln
Santa Ana, CA 92706

024 162 07
Mary Donley
PO Box 3234
Crestline, CA 92325

024 162 08
Charles Cather
800 E Wardlow Rd #B
Long Beach, CA 90807

024 162 09
Charles Cather
800 E Wardlow Rd #B
Long Beach, CA 90807

024 162 13
Emada & Viola Samuel
5732 Serene Dr
Huntington Beach, CA 92649

024 162 16
Jovand Sunghera & Delhi Winn
217 Portland Ave
Huntington Beach, CA 92648

024 162 17
Carmel Ling
5401 Mesagrove Ave
Whittier, CA 90601

024 162 19
Mitchell Alden Decatur & Parker Marti
Heather La Mitchell
Situs Na
, CA

024 162 20
Gloria Redman & REDMAN GLORIA
43846 Cedar Ave
Lancaster, CA 93534

024 162 21
Angelo Rinaldi & Dewey Davide
PO Box 911
Huntington Beach, CA 92648

024 162 22
Jovand Sunghera & Delhi Winn
217 Portland Ave
Huntington Beach, CA 92648

024 162 23
Alice Parnakian & Revoca Parnakian
205 1St St
Huntington Beach, CA 92648

024 162 24
Genevieve Vanian
2405 Kenilworth Ave
Los Angeles, CA 90039

024 162 25
Thomas & Diana Dallape
Family Trust Dallape
PO Box 879
Corona, CA 92878

024 162 26
Leslie Alsenz
234 2Nd St
Huntington Beach, CA 92648

024 162 28
L C Barot & Ingrid Barot
624 Goldenwest St
Huntington Beach, CA 92648

024 162 29
Neil & Jennifer Edmonds
238 2Nd St
Huntington Beach, CA 92648

024 162 30
Harry Stewart
136 2Nd St
Huntington Beach, CA 92648

024 163 03
Ralph Peck
3404 Lexington Rd
Downey, CA 90241

024 163 12
Allen Nelson
3404 Lexington Rd
Downey, CA 90241

024 163 15
Atlanta Huntington Llc
4100 Macarthur Blvd #200
Newport Beach, CA 92660

024 204 04
Luba Galkin
101 Huntington St
Huntington Beach, CA 92648

024 204 13
Kenneth Breeding
110 Alabama St
Huntington Beach, CA 92648

024 204 16
Mary Dolan
112 Alabama St
Huntington Beach, CA 92648

024 204 19
George Lee & Roberta O'Connor
220 Baltimore Ave
Huntington Beach, CA 92648

024 204 24
Ronald & Jennifer Brown
710 12Th St
Huntington Beach, CA 92648

024 204 27
John Sledge & Tracey Stiles Sledge
115 Huntington St
Huntington Beach, CA 92648

024 163 01
City Of Huntington Beach
PO Box 190
Huntington Beach, CA 92648

024 163 08
T K Fastgrill Incorporated
110 Coast Hwy
Huntington Beach, CA

024 163 13
Allen Nelson
8404 Lexington Rd
Downey, CA 90241

024 204 01
Jaimes & Ismael Santos
119 Huntington St
Huntington Beach, CA 92648

024 204 08
Jeffrey & Lori Fisser
206 Baltimore Ave
Huntington Beach, CA 92648

024 204 14
Janice Nelson
106 Alabama St
Huntington Beach, CA 92648

024 204 17
E Conlon
500 Pacific Lumber Camp Rd
Eureka, CA 95503

024 204 21
Alonzo Dale Carter
216 Baltimore Ave
Huntington Beach, CA 92648

024 204 25
J & L Fisser
212 Baltimore Ave
Huntington Beach, CA 92648

024 204 28
Paul Konovalov
113 Huntington St
Huntington Beach, CA 92648

024 163 02
Capital Pacific Holdings Llc
4100 Macarthur Blvd #200
Newport Beach, CA 92660

024 163 09
Ralph Peck
8404 Lexington Rd
Downey, CA 90241

024 163 14
First National Bank
102 Ocean Ave
Huntington Beach, CA 92648

024 204 03
Patrick White
105 Huntington
Irvine, CA 92620

024 204 12
Janine Walkup
209 Atlanta Ave
Huntington Beach, CA 92648

024 204 15
De Vane Craig
201 Atlanta Ave
Huntington Beach, CA 92648

024 204 18
Julie Kerlin & Randall Alan Smith
218 Baltimore Ave
Huntington Beach, CA 92648

024 204 23
Haiasdan Terzian
2378 Catherine Rd
Altadena, CA 91001

024 204 26
Raymond Allan Butterfas
111 Huntington St
Huntington Beach, CA 92648

024 204 29
Paul Cross & Carol Cross
8021 S 34Th Pl
Phoenix, AZ 85042

024 206 13
City Of Huntington Beach
PO Box 190
Huntington Beach, CA 92648

024 206 17
Steve Emil Marion
105 Alabama St
Huntington Beach, CA 92648

024 206 20
Peter Doyle & Janet Doyle
6941 Church Cir
Huntington Beach, CA 92648

024 206 21
Steven Borren
113 Alabama St
Huntington Beach, CA 92648

024 206 22
Daniel Regan
901 California St
Huntington Beach, CA 92648

024 206 23
Peter Glamuzina
109 Alabama St
Huntington Beach, CA 92648

024 206 26
Kenneth Skolyan & Mary Skolyan
121 Alabama St
Huntington Beach, CA 92648

024 206 42
Ty Kern
119 Alabama St
Huntington Beach, CA 92648

024 206 43
Loren Mcrae
117 Alabama St
Huntington Beach, CA 92648

024 207 01
City Of Huntington Beach
PO Box 190
Huntington Beach, CA 92648

024 252 02
Redevelopment Agency City Of Huntin
660 Newport Center Dr
Newport Beach, CA 92660

024 253 02
Redevelopment Agency City Of Huntin
200 Main St
Huntington Beach, CA 92648

024 261 11
Frankie Hankins
120 Huntington St
Huntington Beach, CA 92648

024 261 12
Ruth Simon
331 N Colorado Pl #1
Long Beach, CA 90814

024 261 13
Forrest Lewis
112 Huntington St
Huntington Beach, CA 92648

024 261 14
Ronald Satterfield
110 Huntington St
Huntington Beach, CA 92648

024 261 15
Matthew & Adele Lamb
106 Huntington St
Huntington Beach, CA 92648

024 261 16
Wood
616 20Th St
Huntington Beach, CA 92648

024 261 17
Steven Emil Marion
105 Alabama St
Huntington Beach, CA 92648

024 261 18
James Brown & Nobuko Brown
311 Atlanta Ave
Huntington Beach, CA 92648

024 261 19
James Brown & Nobuko Brown
311 Atlanta Ave
Huntington Beach, CA 92648

024 261 20
James Brown & Nobuko Brown
311 Atlanta Ave
Huntington Beach, CA 92648

024 261 21
Christopher Button
9242 Christine Dr
Huntington Beach, CA 92646

024 261 24
Playa Casa
PO Box 19528
Irvine, CA 92623

024 281 02
City Of Huntington Beach
PO Box 190
Huntington Beach, CA 92648

024 281 10
City Of Huntington Beach
PO Box 190
Huntington Beach, CA 92648

024 281 14
City Of Huntington Beach
PO Box 190
Huntington Beach, CA 92648

024 281 15
Huntington Beach Co
PO Box 285
Houston, TX 77001

024 281 16
Atlanta Huntington Beach Llc
4299 Macarthur Blvd #107
Newport Beach, CA 92660

024 291 16
First America
2161 San Joaquin Hills Rd
Newport Beach, CA 92660

024 291 19
City Of Huntington Beach
PO Box 190
Huntington Beach, CA 92648

024 291 20
City Of Huntington Beach
PO Box 190
Huntington Beach, CA 92648

939 502 36
Claujean Tan
430 Lake St #101
Huntington Beach, CA 92648

939 502 37
Donald Mayer
430 Lake St #102
Huntington Beach, CA 92648

939 502 38
Robert & Leslie Sweeney
362 Claremont Ave
Long Beach, CA 90803

939 502 39
William Allen & Gloria Rankin
430 Lake St #104
Huntington Beach, CA 92648

939 502 40
Julieann Brogan
430 Lake St #105
Huntington Beach, CA 92648

939 502 41
Lisa Stitt
430 Lake St #106
Huntington Beach, CA 92648

939 502 42
Joseph Caughey
430 Lake St #107
Huntington Beach, CA 92648

939 502 43
Robert & Linda Slingsby
430 Lake St #108
Huntington Beach, CA 92648

939 502 44
James & Sherry Marlar
430 Lake St #201
Huntington Beach, CA 92648

939 502 45
John & Brenda Hopton Jr.
430 Lake St #202
Huntington Beach, CA 92648

939 502 46
Gregory Mccaughey
430 Lake St #203
Huntington Beach, CA 92648

939 502 47
Leopold & Catherine Ferrante
1036 Fortune Way
Los Angeles, CA 90042

939 502 48
Charles Cashmere
430 Lake St #205
Huntington Beach, CA 92648

939 502 49
Martin Boyd
430 Lake St #206
Huntington Beach, CA 92648

939 502 50
Gary & Susan Scapellati
430 Lake St #207
Huntington Beach, CA 92648

939 502 51
Jimmy Yanez
5438 E Suncrest Rd
Anaheim, CA 92807

939 502 52
William Bonilla
430 Lake St #301
Huntington Beach, CA 92648

939 502 53
William Winter
18322 Edgewood Ave
Villa Park, CA 92861

939 502 54
Brunelli 1994 Trust;
5782 Shasta Cir
La Palma, CA 90623

939 502 55
Litteral 2001
430 Lake St #304
Huntington Beach, CA 92648

939 502 56
Edward Eisman
430 Lake St #305
Huntington Beach, CA 92648

939 502 57
Peggy Smookler
PO Box 4943
Scottsdale, AZ 85261

939 502 58
Corby Michael Bacco
420 Lake St #102
Huntington Beach, CA 92648

939 502 59
Alan Emerson
420 Lake St #103
Huntington Beach, CA 92648

939 502 60
Shawn Rozdal
420 Lake St #104
Huntington Beach, CA 92648

939 502 61
Ryan Hopkins
420 Lake St #105
Huntington Beach, CA 92648

939 502 62
Gerald & Joyce Bustrum
1918 Pine St
Huntington Beach, CA 92648

939 502 63
Rosemary Bostaph
420 Lake St #107
Huntington Beach, CA 92648

939 502 64
Jon & Deborah Dickinson
420 Lake St #201
Huntington Beach, CA 92648

939 502 67
Frank Dispalatro
420 Lake St #204
Huntington Beach, CA 92648

939 502 70
Frank Lee
420 Lake St #207
Huntington Beach, CA 92648

939 502 73
Laurie Gaw
420 Lake St #303
Huntington Beach, CA 92648

939 502 76
Scott & Colleen Kline
628 8Th St
Huntington Beach, CA 92648

939 502 79
Ray & Patricia Shackleford Jr.
410 Lake St #104
Huntington Beach, CA 92648

939 502 82
Donald Stonebraker
410 Lake St #107
Huntington Beach, CA 92648

939 502 85
Thomas Kotiranta
410 Lake St
Huntington Beach, CA 92648

939 502 88
Ernest & Chatherine Pepe
410 Lake St #206
Huntington Beach, CA 92648

939 502 91
John Shanks
410 Lake St #302
Huntington Beach, CA 92648

939 502 65
Thomas & Joan Cash
420 Lake St
Huntington Beach, CA 92648

939 502 68
Kishore Karnik & Nilima Karnik
420 Lake St #205
Huntington Beach, CA 92648

939 502 71
Michael Corrao
420 Lake St #301
Huntington Beach, CA 92648

939 502 74
Mark & Linda Webber
420 Lake St #304
Huntington Beach, CA 92648

939 502 77
Peggy & James Gallagher
410 Lake St #102
Huntington Beach, CA 92648

939 502 80
Glenn & Virginia Leveque
410 Lake St #105
Huntington Beach, CA 92648

939 502 83
Carlos Rios
410 Lake St #201
Huntington Beach, CA 92648

939 502 86
Michael Goldberg
410 Lake St #204
Huntington Beach, CA 92648

939 502 89
Frederick Clark Jr.
410 Lake St #207
Huntington Beach, CA 92648

939 502 92
John Mcmillan
410 Lake St #303
Huntington Beach, CA 92648

939 502 66
Carrie Williams
420 Lake St #203
Huntington Beach, CA 92648

939 502 69
Albert Gasparian
420 Lake St #206
Huntington Beach, CA 92648

939 502 72
Laura Ecker
420 Lake St #302
Huntington Beach, CA 92648

939 502 75
James Paulus
420 Lake St #305
Huntington Beach, CA 92648

939 502 78
Harold Montoya
9702 Melinda Cir
Huntington Beach, CA 92646

939 502 81
Peter Kelley
410 Lake St #106
Huntington Beach, CA 92648

939 502 84
Terry Krukoff
410 Lake St #202
Huntington Beach, CA 92648

939 502 87
David & Diane Yrisarri
410 Lake St #205
Huntington Beach, CA 92648

939 502 90
Gregory Stiff
410 Lake St #301
Huntington Beach, CA 92648

939 502 93
James Rice
410 Lake St #304
Huntington Beach, CA 92648

939 502 94 David Bloom 19093 Beach Blvd Huntington Beach, CA 92648	939 502 95 James Poer 400 Lake St #101 Huntington Beach, CA 92648	939 502 96 Wj & Loretta Vantilborg 400 Lake St #102 Huntington Beach, CA 92648
939 502 97 Lisa Kooyenga 400 Lake St #103 Huntington Beach, CA 92648	939 502 98 Nidal Ibrahim 400 Lake St #104 Huntington Beach, CA 92648	939 502 99 Samuel & Phyllis Cooper 9842 Dragon Cir Huntington Beach, CA 92646
939 503 00 Neelima Kabre 9551 Castine Dr Huntington Beach, CA 92646	939 503 01 Kevin & Annette Costello 416 Lake St #107 Huntington Beach, CA 92648	939 503 02 Jon & Helen Bernadette Miller Kar Ahrens 400 Lake St #108 Huntington Beach, CA 92648
939 503 03 Bruce Albert Wareh 400 Lake St #109 Huntington Beach, CA 92648	939 503 04 Gene & Neta Ann Norvell 400 Lake St #110 Huntington Beach, CA 92648	939 503 05 Shanon & Joann Christiansen 400 Lake St #201 Huntington Beach, CA 92648
939 503 06 Carolyn & Eduardo Mariano Berniece 400 Lake St #202 Huntington Beach, CA 92648	939 503 07 Toshiya Katsuyama 400 Lake St #203 Huntington Beach, CA 92648	939 503 08 Roberta Royce Mc Gregor Thompson 400 Lake St #204 Huntington Beach, CA 92648
939 503 09 Barbara McCall & Autumn McCall 1163 Aviemore Ter Costa Mesa, CA 92627	939 503 10 Phillip & Stacey Brown 17530 Page Ct Yorba Linda, CA 92886	939 503 11 Gina Mago 400 Lake St #207 Huntington Beach, CA 92648
939 503 12 Chris Abad 400 Lake St #208 Huntington Beach, CA 92648	939 503 13 Anthony Lanza 400 Lake St #209 Huntington Beach, CA 92648	939 503 14 Jo Christian 400 Lake St #210 Huntington Beach, CA 92648
939 503 15 Joan Hill 16731 Oleander Cir Fountain Valley, CA 92708	939 503 16 Raymond Ari Schmidler 400 Lake St #302 Huntington Beach, CA 92648	939 503 17 Ronald Irvin 400 Lake St #303 Huntington Beach, CA 92648
939 503 18 Gary & Rhonda Walker 400 Lake St #304 Huntington Beach, CA 92648	939 503 19 Richard Lisi Jr. 400 Lake St #305 Huntington Beach, CA 92648	939 503 20 Ruth Cheney & Ruth Cheney 400 Lake St #306 Huntington Beach, CA 92648
939 503 21 Maria Larrea 400 Lake St #307 Huntington Beach, CA 92648	939 503 22 Christopher & Kristen Garberg 320 Lake St #101 Huntington Beach, CA 92648	939 503 23 Thomas & Maureen Kelleher 9923 Atlantic Ave South Gate, CA 90280

939 503 24
Dustin Kuhn
320 Lake St #103
Huntington Beach, CA 92648

939 503 27
Kevin Smith
320 Lake St #106
Huntington Beach, CA 92648

939 503 30
Bill & Joy Ann Martineau
320 Lake St #109
Huntington Beach, CA 92648

939 503 33
James Smith & Thomas Walsh
1194 N Ridgeline Rd
Orange, CA 92869

939 503 36
Gary & Linda Peterson
L Rick
320 Lake St #205
Huntington Beach, CA 92648

939 503 39
Eugene Lim Jr.
320 Lake St #208
Huntington Beach, CA 92648

939 503 42
Leonid & Basya Kogan
320 Lake St #301
Huntington Beach, CA 92648

939 503 45
John Douglas Steinberg
320 Lake St #304
Huntington Beach, CA 92648

939 503 48
Irene Sjo
320 Lake St #307
Huntington Beach, CA 92648

939 503 51
Joseph Rice & Linda Kay Rice
310 Lake St #102
Huntington Beach, CA 92648

939 503 25
George Schwartz
320 Lake St #104
Huntington Beach, CA 92648

939 503 28
Robert Nulton & Dolores Nulton
320 Lake St #107
Huntington Beach, CA 92648

939 503 31
Ross Reyes
320 Lake St #110
Huntington Beach, CA 92648

939 503 34
Williamj & Linda Engstrom
20841 Shell Harbor Cir
Huntington Beach, CA 92646

939 503 37
Mary Cruise
320 Lake St #206
Huntington Beach, CA 92648

939 503 40
Philip Barth
320 Lake St #209
Huntington Beach, CA 92648

939 503 43
Todd Stitt
320 Lake St #302
Huntington Beach, CA 92648

939 503 46
Allen & Diane Craig
Scott Craig
320 Lake St #305
Huntington Beach, CA 92648

939 503 49
Daniel Edward
320 Lake St #308
Huntington Beach, CA 92648

939 503 52
Ron Sarabi
16532 Grimaud Ln #103
Huntington Beach, CA 92649

939 503 26
John & Sandra Hayes
Maria Ter Dispalatro
320 Lake St #105
Huntington Beach, CA 92648

939 503 29
Arlen Pantel
320 Lake St #108
Huntington Beach, CA 92648

939 503 32
Donn & Bonnie Brooks
Donn & Bonnie Brooks
320 Lake St #201
Huntington Beach, CA 92648

939 503 35
Beverly Loob
320 Lake St #204
Huntington Beach, CA 92648

939 503 38
David Crockett
320 Lake St #207
Huntington Beach, CA 92648

939 503 41
George Stooke & Pamela Rodriguez
320 Lake St #210
Huntington Beach, CA 92648

939 503 44
Wesley Sasano & Family Trust Sasano
320 Lake St #303
Huntington Beach, CA 92648

939 503 47
Jason Macdonald
320 Lake St #306
Huntington Beach, CA 92648

939 503 50
Michael Pontrelli
242 Colton St
Newport Beach, CA 92663

939 503 53
G Richard Gilliam
310 Lake St #104
Huntington Beach, CA 92648

939 503 54
Alan & Lenda Davis
310 Lake St #105
Huntington Beach, CA 92648

939 503 55
Radmacher
9542 Featherhill Dr
Villa Park, CA 92861

939 503 56
John Cunningham
310 Lake St #107
Huntington Beach, CA 92648

939 503 57
Jessica Pizano-Cruz
310 Grant St
Bettendorf, IA 52722

939 503 58
Ernest Mayer
13970 Morrison St
Sherman Oaks, CA 91423

939 503 59
Max Wood
310 Lake St #202
Huntington Beach, CA 92648

939 503 60
Joseph & Eileen Shults
310 Lake St #203
Huntington Beach, CA 92648

939 503 61
Marie Quinn
310 Lake St #204
Huntington Beach, CA 92648

939 503 62
Mindi Berke
310 Lake St #205
Huntington Beach, CA 92648

939 503 63
Jean Perrin
310 Lake St #206
Huntington Beach, CA 92648

939 503 64
Evelyn Romualdo
310 Lake St #207
Huntington Beach, CA 92648

939 503 65
Robert Hoida
310 Lake St #208
Huntington Beach, CA 92648

939 503 66
John & Sandra Peterson
Larry & Jo Taylor
1846 Main St
Huntington Beach, CA 92648

939 503 67
Ellen Kruger
310 Lake St #302
Huntington Beach, CA 92648

939 503 68
Weston Chandler
310 Lake St #303
Huntington Beach, CA 92648

939 503 69
Herbert Lee Filkoff
310 Lake St #304
Huntington Beach, CA 92648

939 503 70
Daniel Hsu
310 Lake St #305
Huntington Beach, CA 92648

939 503 71
Raquel Strange
310 Lake St #306
Huntington Beach, CA 92648

939 503 72
David Perry
310 Lake St #109
Huntington Beach, CA 92648

939 503 73
Howard Gollay & Anne Gollay
6372 Royal Grove Dr
Huntington Beach, CA 92648

939 503 74
Brian Letourneau & Sherry Edwards
310 Lake St #111
Huntington Beach, CA 92648

939 503 75
Gabriel & Claudia G N White
310 Lake St #112
Huntington Beach, CA 92648

939 503 76
Mark Cunningham
310 Lake St #113
Huntington Beach, CA 92648

939 503 77
Tetsuya Fukami
2045 Phalarope Ct
Costa Mesa, CA 92626

939 503 78
Jacob & Angela Kringen
310 Lake St #115
Huntington Beach, CA 92648

939 503 79
Michael Mutrie
310 Lake St #116
Huntington Beach, CA 92648

939 503 80
Kevin & Amy Tollefson
9775 Mesa Springs Way
San Diego, CA 92126

939 503 81
William McClain
4008 Callelousa
San Clemente, CA 92672

939 503 82
Mark Rosen
310 Lake St #211
Huntington Beach, CA 92648

939 503 83
Conrad & Tia Gilbert
310 Lake St
Huntington Beach, CA 92648

939 503 84
Prakash Kabre
9551 Castine Dr
Huntington Beach, CA 92648

939 503 85
Tom Williams & Yvette Hampton
310 Lake St #214
Huntington Beach, CA 92648

939 503 86
Rustin Guild
310 Lake St #215
Huntington Beach, CA 92648

939 503 87
Nick Jay Bogroff
310 Lake St #216
Huntington Beach, CA 92648

939 503 88
Douglas Burnett
310 Lake St #307
Huntington Beach, CA 92648

939 503 89
Mary Kay Shanahan
310 Lake St #308
Huntington Beach, CA 92648

939 503 90
Larry Johnson
310 Lake St #309
Huntington Beach, CA 92648

939 503 91
Michael Huh
310 Lake St #310
Huntington Beach, CA 92648

939 503 92
Marvin & Karen Martin
310 Lake St #311
Huntington Beach, CA 92648

939 503 93
Sandi Martin
310 Lake St #312
Huntington Beach, CA 92648

939 503 94
Bryan Hopkins & Danielle Christian
310 Lake St #313
Huntington Beach, CA 92648

DISTRIBUTION

Remediation Plan, Rev. 3
Atlanta Site
Property Bounded by PCH, Huntington Street, Atlanta Avenue, and First Street
Huntington Beach, California

May 22, 2002

- Copies 1-3: City of Huntington Beach
2000 Main Street
Huntington Beach, California 92648
- Copies 4-6: Mr. Michael Stafford
Chevron Land & Development Company
3100 S. Harbor Boulevard, Suite 340
Santa Ana, California 92704
- Copy 7: Mr. Ethen Thacher
Makar Properties
4100 MacArthur Blvd., Suite 200
Newport Beach, California 92658-7150
- Copies 8-9: Harding ESE Project File



The EDR Radius Map with GeoCheck[®]

**Huntington Beach-Pacific City
21002 Pacific Coast Hwy
Huntington Beach, CA 92648**

Inquiry Number: 930624.1s

February 21, 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

21002 PACIFIC COAST HWY
HUNTINGTON BEACH, CA 92648

COORDINATES

Latitude (North): 33.655503 - 33° 39' 19.8"
Longitude (West): 117.996776 - 117° 59' 48.4"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 407576.1
UTM Y (Meters): 3724212.2

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2433117-F8 NEWPORT BEACH (DIGITAL), CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
CAPITOL PACIFIC HOLDINGS 21002 PACIFIC COAST HWY HUNTINGTON BEACH, CA 92648	HAZNET	N/A

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
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
SWF/LF	Solid Waste Information System
WMUDS/SWAT	Waste Management Unit Database
CA BOND EXP. PLAN	Bond Expenditure Plan
VCP	Voluntary Cleanup Program Properties
INDIAN UST	Underground Storage Tanks on Indian Land

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
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems
FIFTS	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
CA SLIC	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Orange Co. Industrial Site ...	List of Industrial Site Cleanups

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas	Former Manufactured Gas (Coal Gas) Sites
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BROWNFIELDS DATABASES

VCP	Voluntary Cleanup Program Properties
------------------	--------------------------------------

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree 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. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. 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 (by more than 10 feet). 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.

EXECUTIVE SUMMARY

FEDERAL ASTM STANDARD

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/09/2002 has revealed that there is 1 RCRIS-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WEST COAST AUTO PAINT SHOP	303 3RD ST	1/8 - 1/4NW	D17	15

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 12/31/2001 has revealed that there are 2 CHMIRS sites within approximately 1 mile 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	204 5TH ST	1/4 - 1/2NW	23	24
Not reported	414 11TH ST.	1/2 - 1 NW	31	38

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 6 Cortese sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HUNTINGTON BCH MAINTENANC	44 HUNTINGTON	1/8 - 1/4SE	A3	6
UNITED STATES POSTAL SERVICE	316 OLIVE AVE	1/4 - 1/2NW	D20	21
HUNTINGTON BEACH, CITY OF	122 5TH ST	1/4 - 1/2WNW	E24	25
OLD LAKE FIRE STATION	704 LAKE ST	1/2 - 1 N	29	33
ARCO (ABANDON)	21302 PACIFIC COAST HWY	1/2 - 1 SE	30	36
ACTION BOATS	21622 COAST HWY	1/2 - 1 SE	32	40

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

A review of the LUST list, as provided by EDR, and dated 01/06/2003 has revealed that there are 10 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HUNTINGTON BCH MAINTENANC	44 HUNTINGTON	1/8 - 1/4SE	A3	6

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CITY OF HUNTINGTON BEACH	44 HUNTINGTON	1/8 - 1/4 SE	A5	9
HUNTINGTON BEACH POST OFFICE	316 OLIVE ST	1/4 - 1/2 NW	D19	19
HUNTINGTON BEACH POST OFFICE	316 OLIVE	1/4 - 1/2 NW	D21	22
HUNTINGTON BEACH, CITY OF	301 MAIN ST	1/4 - 1/2 NW	22	22
HUNTINGTON BEACH, CITY OF	122 5TH ST	1/4 - 1/2 WNW E24		25
TERRY BUICK INC	122 5TH ST	1/4 - 1/2 WNW E25		28
WIND & SEA SURFBORADS	520 PACIFIC COAST HWY	1/4 - 1/2 WNW E26		28
WIND AND SEA SURFBOARD SHOP	520 PACIFIC COAST HWY	1/4 - 1/2 WNW	E27	29
JAVA JUNGLE	602 PACIFIC COAST HIGHW	1/4 - 1/2 WNW	28	31

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 01/06/2003 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HUNTINGTON BEACH MNTNCE YARD	44 HUNTINGTON ST	1/8 - 1/4 SE	A6	10
RESIDENCE	1301 MONTEREY BLVD	1/8 - 1/4 NW	D18	16

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HUNTINGTON BEACH MNTNCE YARD	44 HUNTINGTON AVE	1/8 - 1/4 SE	A2	6
PELICAN HILL GOLF CLUB	6195 PACIFIC COAST HWY	1/8 - 1/4 W	C13	14

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BEACH MAINT. YARD	44 HUNTINGTON ST	1/8 - 1/4 SE	A4	9

STATE OR LOCAL ASTM SUPPLEMENTAL

HAZNET: 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 from non-California manifests & continuation sheets are not included at the present time. 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, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there are 9 HAZNET sites within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LEADING EDGE YACHT SERVICES	2439 PACIFIC COAST HWY	1/8 - 1/4W	B7	10
BLACK DIAMOND MARINE	2439 PACIFIC COAST HWY	1/8 - 1/4W	B8	11
LEADING EDGE YACHT SERVICES	2439 PACIFIC COAST HWY	1/8 - 1/4W	B9	12
GRAY TRUST/WELLS FARGO BANK	2633 PACIFIC COAST HIGH	1/8 - 1/4W	B10	13
DOMINO REALTY	3333 PACIFIC COAST HWY	1/8 - 1/4W	B11	13
NEWPORT IMPORTS, INC	3100 PACIFIC COAST HWY	1/8 - 1/4W	B12	13
HUNTINGTON PIER COLONY HOMEOWN	200 PACIFIC COAST HWY	1/8 - 1/4W	C14	14
PLAYA APTS	401 ATLANTIC AVE NO 12	1/8 - 1/4NE	15	14
HB GERMAN CAR IMPORT	303 THIRD STREET	1/8 - 1/4NW	D16	15

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
LEWIS CLEANERS	CLEANERS
SEACLIFF VILLAZE CLEANERS	CLEANERS
SANDBLAST & METALLIZING	CERC-NFRAP
BOLJA CHICA SITES 1 AND 2 IDS (213	SWF/LF
CITY OF HUNTINGTON BEACH LANDFILL	SWF/LF
WINALL STATION #19 (SHELL)	LUST, UST
ARCO	LUST
TEXACO SERVICE STATION	LUST
VACANT AREA	LUST
ABC PROPERTIES	LUST
ROGER'S CABLE COMPANY (FORMER)	LUST
THE PLAZA-HUNTINGTON BEACH	UST
BEACH MAINTENANCE FACILITY	UST
OCEAN VIEW MUSHROOM GROWERS	UST
CHEVRON U S A INC	UST
RELIABLE WHOLESALE LUMBER INC	UST
WARNER FIRE STATION	HIST UST
CANNERY STREET D	WMUDS/SWAT
SULLY-MILLER CONSTRUCTION COMP	WMUDS/SWAT
HANUS AUTO BODY	HAZNET
CHEVRON LAND & DEVELOPMENT	HAZNET
BROWNS AUTOMOTIVE	HAZNET
Q S 1HR PHOTO	HAZNET
TEXACO REFINING AND MARKETING INC	HAZNET
CHEVRON LAND DEVELOPMENT COMPANY	HAZNET
SHELL	HAZNET
HUNTINGTON BEACH CITY SCHOOL DISTR	HAZNET
HERITAGE COMMUNITIES	HAZNET
THE ELLIS APARTMENTS	HAZNET
DIVERSIFIED MOLDS & MOLDING	HAZNET
CUSTOM MERCHANDISING DISPLAYS	HAZNET
FLORIDA GARDENS APTS	HAZNET
1X BUSINESS PROPERTIES	HAZNET
THE PAINT SHOP	HAZNET
HYPER-THERM INC	HAZNET
J K ENGINEERING CO	HAZNET
HYPER-THERM INC	HAZNET
ELDERDING FAMILY TRUST	HAZNET
COLICH & SONS	HAZNET
PIERSIDE DENTISTRY	HAZNET
HALL PHOTOGRAPHY	HAZNET
HOME SAVINGS OF AMERICA	HAZNET
DANIEL JAFFE DDS	HAZNET
CHEVRON LAND & DEVELOPMENT CO	HAZNET
CITY OF HUNTINGTON BEACH	HAZNET
SPECIALIZED AUTO	HAZNET
CUSTOM PAINTING & RESTOR BY GO	HAZNET
SPEED GARAGE	HAZNET
ZINK ENGINEERING INC	HAZNET
TORACK INC RESTORATION AND COLLISI	HAZNET
CHERVRON LAND DEVELOPMENT COMPANY	HAZNET
HOME SAVINGS OF AMERICA	HAZNET
ORCHARD HARDWARE SUPPLY NO 0051	RCRIS-SQG, FINDS
CHEVRON CHEM CO	RCRIS-SQG, FINDS
AERA PLATFORM ELLY ELLEN COMPLEX	RCRIS-LQG
AERA PLATFORM EMMY	FINDS, RCRIS-LQG
AERA PLATFORM EUREKA	FINDS, RCRIS-LQG
CITY OF HUNTINGTON BEACH	Orange Co. Industrial Site
SEABRIDGE VILLAS	CA SLIC

EXECUTIVE SUMMARY

CAL RESOURCES LLC (FORMER SHELL W

CA SLIC

OVERVIEW MAP - 930624.1s - EIP Associates



★ 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

— Power transmission lines

— Oil & Gas pipelines

▨ 100-year flood zone

▨ 500-year flood zone

■ Wetlands

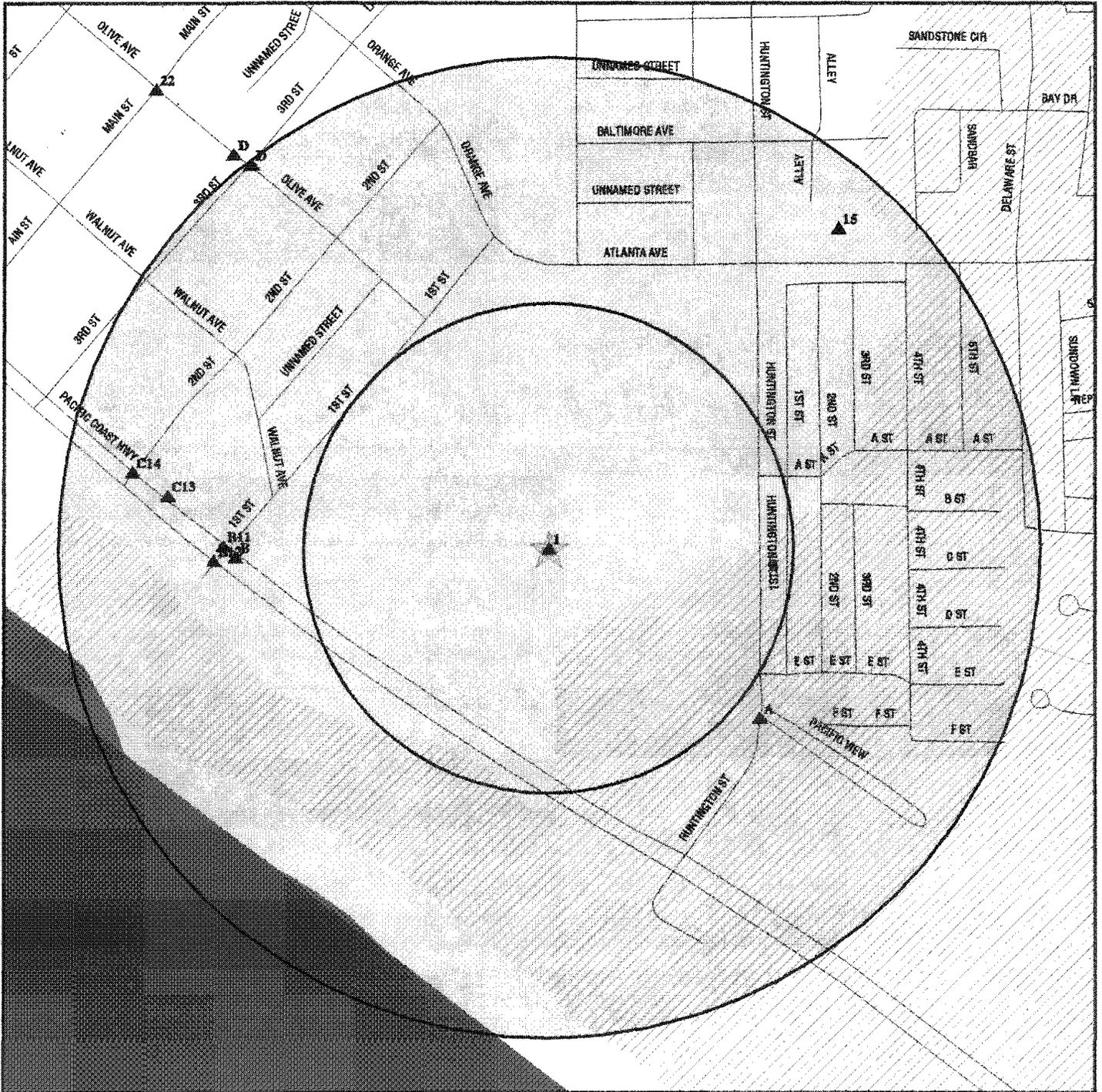
▨ Areas of Concern

0 1/4 1/2 1 Miles

TARGET PROPERTY: Huntington Beach-Pacific City
ADDRESS: 21002 Pacific Coast Hwy
CITY/STATE/ZIP: Huntington Beach CA 92648
LAT/LONG: 33.6555 / 117.9968

CUSTOMER: EIP Associates
CONTACT: Kelsey Bennett
INQUIRY #: 930624.1s
DATE: February 21, 2003 5:25 pm

DETAIL MAP - 930624.1s - EIP Associates



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

TARGET PROPERTY: Huntington Beach-Pacific City ADDRESS: 21002 Pacific Coast Hwy CITY/STATE/ZIP: Huntington Beach CA 92648 LAT/LONG: 33.6555 / 117.9968	CUSTOMER: EIP Associates CONTACT: Kelsey Bennett INQUIRY #: 930624.1s DATE: February 21, 2003 5:26 pm
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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	1	NR	NR	NR	1
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CHMIRS		1.000	0	0	1	1	NR	2
Cortese		1.000	0	1	2	3	NR	6
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST		0.500	0	2	8	NR	NR	10
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	0	2	NR	NR	NR	2
VCP		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
CA FID UST		0.250	0	2	NR	NR	NR	2
HIST UST		0.250	0	1	NR	NR	NR	1
<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
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

<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>
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
CA SLIC		0.500	0	0	0	NR	NR	0
HAZNET	X	0.250	0	9	NR	NR	NR	9
Orange Co. Industrial Site		TP	NR	NR	NR	NR	NR	0

EDR PROPRIETARY HISTORICAL DATABASES

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

BROWNFIELDS DATABASES

VCP		0.500	0	0	0	NR	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 **CAPITOL PACIFIC HOLDINGS** **HAZNET** **S105087132**
Target **21002 PACIFIC COAST HWY**
Property **HUNTINGTON BEACH, CA 92648** **N/A**

HAZNET:
 Gepaid: CAC002291329
 Tepaid: CAD009007626
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: 29.4980
 Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Contact: CAPITOL PACIFIC HOLDINGS
 Telephone: (949) 622-8400
 Mailing Address: 4100 MCARTHUR BLVD SUITE 200
 NEWPORT BEACH, CA 92658
 County Orange
 Gepaid: CAC002291329
 Tepaid: CAD009007626
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: 29.4980
 Category: Asbestos-containing waste
 Disposal Method: Not reported
 Contact: CAPITOL PACIFIC HOLDINGS
 Telephone: (949) 622-8400
 Mailing Address: 4100 MCARTHUR BLVD SUITE 200
 NEWPORT BEACH, CA 92658
 County Orange

A2 **HUNTINGTON BEACH MNTNCE YARD** **CA FID UST** **1000413396**
SE **44 HUNTINGTON AVE**
1/8-1/4 **HUNTINGTON BEACH, CA 92648**
731 ft.
Higher **Site 1 of 5 in cluster A**

FID:
 Facility ID: 30005943 Regulate ID: Not reported
 Reg By: Active Underground Storage Tank Location
 Cortese Code: Not reported SIC Code: Not reported
 Status: Active Facility Tel: (714) 536-5287
 Mail To: Not reported
 2000 MAIN ST ATTN: DON KI
 HUNTINGTON BEACH, CA 92648
 Contact: Not reported Contact Tel: Not reported
 DUNs No: Not reported NPDES No: Not reported
 Creation: 10/22/93 Modified: 00/00/00
 EPA ID: Not reported
 Comments: Not reported

A3 **HUNTINGTON BCH MAINTENANC** **LUST** **S102431569**
SE **44 HUNTINGTON**
1/8-1/4 **HUNTINGTON BEACH, CA 92648**
731 ft.
Higher **Site 2 of 5 in cluster A**
 Cortese **N/A**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HUNTINGTON BCH MAINTENANC (Continued)

S102431569

State LUST:

Cross Street: PACIFIC COAST HWY
Qty Leaked: Not reported
Case Number 083000062T
Reg Board: Santa Ana Region
Chemical: Waste Oil
Lead Agency: Local Agency
Local Agency : 30000L
Case Type: Other ground water affected
Status: Case Closed
County: Orange
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 2/25/1987
Release Date: 9/22/1986
Cleanup Fund id : Not reported
Discover Date : 1/1/1965
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 12/31/1986
Funding: Not reported
Staff Initials: LL
How Discovered: Tank Test
How Stopped: Not reported
Interim : Not reported
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 86UT140
Beneficial: Not reported
Staff : PAH
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : KIDD, ERNEST
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 2/9/1987
Stop Date : 8/25/1986
Work Suspended Not reported
Responsible PartyCITY OF HUNTINGTON BEACH
RP Address: 17371 GOTHARD STREET, HUNTINGTON BEACH, CA 92647
Global Id: T0605900049
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtb Fuel: 0
Water System Name: Not reported
Well Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HUNTINGTON BCH MAINTENANC (Continued)

S102431569

Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 12035 Cross Street: PACIFIC COAST HWY
Regional Board: 08
Local Case Num: 86UT140
Facility Status: Case Closed
Staff: PAH
Lead Agency: Local Agency
Local Agency: Orange County Health Care Agency
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Qty Leaked: Not reported
County: Orange
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 2/25/87
Cleanup Fund Id : Not reported
Discover Date : 01/01/1985
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 12/31/1986
Funding: Not reported
Staff Initials: LL
How Discovered: Tank Test
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.6543814 / -117.994616
Leak Cause: Structure Failure
Leak Source: Tank
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NRQ
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : KIDD, ERNEST
Oversight Prgm : LOP
Priority : Not reported
Work Suspended : Not reported
Responsible Party: CITY OF HUNTINGTON BEACH
Well name: HOLTZ - DESTROYED
Distance From Lust: 12881.6639968043251596217
Waste Disch Global Id: W0605910053
MTBE Class: *
Waste Disch Assigned Name: 06S/11W-01A01 S
Case Type: O
Global ID: T0605900049
How Stopped Date: 8/25/1986
Organization Name: Not reported
Contact Person: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HUNTINGTON BCH MAINTENANC (Continued)

S102431569

RP Address: 17371 GOTHARD STREET, HUNTINGTON BEACH, CA 92647
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083000062T
Water System Name: CITY OF HUNTINGTON BEACH
Summary: Not reported

CORTESE:

Reg Id: 083000062T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

**A4
SE
1/8-1/4
731 ft.
Higher**

**BEACH MAINT. YARD
44 HUNTINGTON ST
HUNTINGTON BEACH, CA 92646**

**HIST UST U001577217
N/A**

Site 3 of 5 in cluster A

UST HIST:

Facility ID: 27888
Tank Num: 1
Tank Capacity: 5000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Leak Detection: Visual, Stock Inventor
Contact Name: ERNEST KIDD
Total Tanks: 3
Facility Type: 2
Container Num: 1
Year Installed: 1982
Tank Construction: Not reported
Telephone: (714) 536-5429
Region: STATE
Other Type: AND REPAIR FACILITY

Facility ID: 27888
Tank Num: 2
Tank Capacity: 350
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Leak Detection: Stock Inventor
Contact Name: ERNEST KIDD
Total Tanks: 3
Facility Type: 2
Container Num: 3
Year Installed: 1982
Tank Construction: Not reported
Telephone: (714) 536-5429
Region: STATE
Other Type: AND REPAIR FACILITY

Facility ID: 27888
Tank Num: 3
Tank Capacity: 2000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Leak Detection: Visual, Stock Inventor
Contact Name: ERNEST KIDD
Total Tanks: 3
Facility Type: 2
Container Num: 2
Year Installed: 1968
Tank Construction: Not reported
Telephone: (714) 536-5429
Region: STATE
Other Type: AND REPAIR FACILITY

**A5
SE
1/8-1/4
731 ft.
Higher**

**CITY OF HUNTINGTON BEACH
44 HUNTINGTON
HUNTINGTON BEACH, CA 92646**

**LUST S102427996
N/A**

Site 4 of 5 in cluster A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CITY OF HUNTINGTON BEACH (Continued)

S102427996

LUST Region OR:
Facility Id: 86UT140
Site Number: RO0001737
Region: ORANGE
Case Type: Not reported
Chemical: Diesel
Date Closed: 06/23/1987
Current Status: Inactive and Non Billable
Facility Status: Case Closed

A6
SE
1/8-1/4
731 ft.
Higher

HUNTINGTON BEACH MNTNCE YARD
44 HUNTINGTON ST
HUNTINGTON BEACH, CA 92648
Site 5 of 5 in cluster A

UST U003783580
N/A

State UST:
Facility ID: 5960
Total Tanks: 1
Region: STATE
Local Agency: 30000

B7
West
1/8-1/4
826 ft.
Higher

LEADING EDGE YACHT SERVICES
2439 PACIFIC COAST HWY #103
NEWPORT BEACH, CA 92663
Site 1 of 6 in cluster B

HAZNET S105087057
N/A

HAZNET:
Gepaid: CAC002289401
Tepaid: CAD099452708
Gen County: Orange
Tsd County: Los Angeles
Tons: .1668
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: RICHARD YORK
Telephone: (949) 722-0639
Mailing Address: 2439 PACIFIC COAST HWY #103
NEWPORT BEACH, CA 92663
County Orange
Gepaid: CAC002289401
Tepaid: CAD028409019
Gen County: Orange
Tsd County: Los Angeles
Tons: 4.1700
Category: Unspecified oil-containing waste
Disposal Method: Not reported
Contact: RICHARD YORK
Telephone: (949) 722-0639
Mailing Address: 2439 PACIFIC COAST HWY #103
NEWPORT BEACH, CA 92663
County Orange

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LEADING EDGE YACHT SERVICES (Continued)

S105087057

Gepaid: CAC002289401
Tepaid: CAT080022148
Gen County: Orange
Tsd County: San Bernardino
Tons: .1459
Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Contact: RICHARD YORK
Telephone: (949) 722-0639
Mailing Address: 2439 PACIFIC COAST HWY #103
NEWPORT BEACH, CA 92663
County Orange

Gepaid: CAC002289401
Tepaid: CAT080022148
Gen County: Orange
Tsd County: San Bernardino
Tons: .0208
Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Contact: RICHARD YORK
Telephone: (949) 722-0639
Mailing Address: 2439 PACIFIC COAST HWY #103
NEWPORT BEACH, CA 92663
County Orange

Gepaid: CAC002289401
Tepaid: CAT080013352
Gen County: Orange
Tsd County: Los Angeles
Tons: 4.1700
Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: RICHARD YORK
Telephone: (949) 722-0639
Mailing Address: 2439 PACIFIC COAST HWY #103
NEWPORT BEACH, CA 92663
County Orange

B8
West
1/8-1/4
826 ft.
Higher

BLACK DIAMOND MARINE
2439 PACIFIC COAST HWY #102
NEWPORT BEACH, CA 92663

HAZNET S103952775
N/A

Site 2 of 6 in cluster B

HAZNET:
Gepaid: CAL000146586
Tepaid: CAR028409019
Gen County: Orange
Tsd County: 0
Tons: .3544
Category: Tank bottom waste
Disposal Method: Treatment, Tank
Contact: MIKE BRESEDESKI
Telephone: (000) 000-0000
Mailing Address: 2439 PACIFIC COAST HWY #102
NEWPORT BEACH, CA 92663
County Orange

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BLACK DIAMOND MARINE (Continued)

S103952775

Gepaid: CAL000146586
Tepaid: CAP028409019
Gen County: Orange
Tsd County: 0
Tons: .3544
Category: Tank bottom waste
Disposal Method: Not reported
Contact: MIKE BRESEDESKI
Telephone: (000) 000-0000
Mailing Address: 2439 PACIFIC COAST HWY #102
NEWPORT BEACH, CA 92663
County Orange

Gepaid: CAL000146586
Tepaid: CAD028409019
Gen County: Orange
Tsd County: Los Angeles
Tons: .3127
Category: Tank bottom waste
Disposal Method: Treatment, Tank
Contact: MIKE BRESEDESKI
Telephone: (000) 000-0000
Mailing Address: 2439 PACIFIC COAST HWY #102
NEWPORT BEACH, CA 92663
County Orange

Gepaid: CAL000146586
Tepaid: CAD028409019
Gen County: Orange
Tsd County: Los Angeles
Tons: .3127
Category: Tank bottom waste
Disposal Method: Not reported
Contact: MIKE BRESEDESKI
Telephone: (000) 000-0000
Mailing Address: 2439 PACIFIC COAST HWY #102
NEWPORT BEACH, CA 92663
County Orange

B9
West
1/8-1/4
826 ft.
Higher

LEADING EDGE YACHT SERVICES
2439 PACIFIC COAST HWY #103
NEWPORT BEACH, CA 92663

HAZNET S105083630
N/A

Site 3 of 6 in cluster B

HAZNET:
Gepaid: CAC001439416
Tepaid: CAD028409019
Gen County: Orange
Tsd County: Los Angeles
Tons: 3.2943
Category: Tank bottom waste
Disposal Method: Treatment, Tank
Contact: MIKE BRESEDESKI
Telephone: (949) 722-0639
Mailing Address: 2439 PACIFIC COAST HWY #103
NEWPORT BEACH, CA 92663
County Orange

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LEADING EDGE YACHT SERVICES (Continued)

S105083630

Gepaid: CAC001439416
Tepaid: CAD028409019
Gen County: Orange
Tsd County: Los Angeles
Tons: .0375
Category: Other organic solids
Disposal Method: Transfer Station
Contact: MIKE BRESEDESKI
Telephone: (949) 722-0639
Mailing Address: 2439 PACIFIC COAST HWY #103
NEWPORT BEACH, CA 92663
County Orange

B10
West
1/8-1/4
842 ft.
Higher

GRAY TRUST/WELLS FARGO BANK
2633 PACIFIC COAST HIGHWAY
NEWPORT BEACH, CA 92663

HAZNET S102797124
N/A

Site 4 of 6 in cluster B

HAZNET:
Gepaid: CAC000911008
Tepaid: CAT080013352
Gen County: Orange
Tsd County: Los Angeles
Tons: .4170
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: JOSHUA ONG
Telephone: (714) 996-5151
Mailing Address: 2030 MAIN STREET
IRVINE, CA 92714
County Orange

B11
West
1/8-1/4
875 ft.
Higher

DOMINO REALTY
3333 PACIFIC COAST HWY
NEWPORT BEACH, CA 92663

HAZNET S104569413
N/A

Site 5 of 6 in cluster B

HAZNET:
Gepaid: CAC002110144
Tepaid: CAD099452708
Gen County: Orange
Tsd County: Los Angeles
Tons: 0.417
Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: DOMINO REALTY
Telephone: (310) 712-1700
Mailing Address: 9990 SANTA MONICA BLVD
BEVERLY HILLS, CA 90212
County Orange

B12
West
1/8-1/4
901 ft.
Higher

NEWPORT IMPORTS, INC
3100 PACIFIC COAST HWY
NEWPORT BEACH, CA 92663

HAZNET S100940719
N/A

Site 6 of 6 in cluster B

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

NEWPORT IMPORTS, INC (Continued)

S100940719

HAZNET:
 Gepaid: CAC000975088
 Tepaid: CAD028409019
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: .5629
 Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
 Disposal Method: Treatment, Tank
 Contact: LELAND WEST
 Telephone: (000) 000-0000
 Mailing Address: 3000 W PACIFIC COAST HWY
 NEWPORT BEACH, CA 92663
 County Orange

C13
 West
 1/8-1/4
 1035 ft.
 Higher

PELICAN HILL GOLF CLUB
6195 PACIFIC COAST HWY
NEWPORT BEACH, CA 92663
 Site 1 of 2 in cluster C

CA FID UST S101609594
N/A

C14
 West
 1/8-1/4
 1140 ft.
 Higher

HUNTINGTON PIER COLONY HOMEOWNERS ASSOC
200 PACIFIC COAST HWY
HUNTINGTON BEACH, CA 92648
 Site 2 of 2 in cluster C

HAZNET S103639659
N/A

HAZNET:
 Gepaid: CAC000768888
 Tepaid: CAD089446710
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: 1.2000
 Category: Off-specification, aged, or surplus organics
 Disposal Method: Transfer Station
 Contact: HUNTINGTON PIER COLONY HOME-
 Telephone: (000) 000-0000
 Mailing Address: 7400 CENTER AVE, #205
 HUNTINGTON BEACH, CA 92647
 County Orange

15
 NE
 1/8-1/4
 1162 ft.
 Higher

PLAYA APTS
401 ATLANTIC AVE NO 12
HUNTINGTON BEACH, CA 92648

HAZNET S102811180
N/A

HAZNET:
 Gepaid: CAL000029181
 Tepaid: CAT000646117
 Gen County: Orange
 Tsd County: Kings
 Tons: .5899
 Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Contact: IPS GEN PARTNERSHIP JERROLD A
 Telephone: (714) 862-6200
 Mailing Address: PO BOX 19528

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PLAYA APTS (Continued)

S102811180

IRVINE, CA 92623 - 9528
 County Orange
 Gepaid: CAL000029181
 Tepaid: CAL000027741
 Gen County: Orange
 Tsd County: 5
 Tons: .5056
 Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Contact: IPS GEN PARTNERSHIP JERROLD A
 Telephone: (714) 862-6200
 Mailing Address: PO BOX 19528
 IRVINE, CA 92623 - 9528
 County Orange
 Gepaid: CAL000029181
 Tepaid: CAD009007626
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: 0.8428
 Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Contact: IPS GEN PARTNERSHIP JERROLD A
 Telephone: (714) 862-6200
 Mailing Address: PO BOX 19528
 IRVINE, CA 92623 - 9528
 County Orange

**D16
 NW
 1/8-1/4
 1306 ft.
 Higher**

**HB GERMAN CAR IMPORT
 303 THIRD STREET
 HUNTINGTON BEACH, CA 92648**

**HAZNET S103967456
 N/A**

Site 1 of 6 in cluster D

HAZNET:
 Gepaid: CAL000021849
 Tepaid: CAT080013352
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: .4170
 Category: Aqueous solution with 10% or more total organic residues
 Disposal Method: Not reported
 Contact: BROOKS LEWIS
 Telephone: (000) 000-0000
 Mailing Address: 303 THIRD ST
 HUNTINGTON BEACH, CA 92648
 County Orange

**D17
 NW
 1/8-1/4
 1309 ft.
 Higher**

**WEST COAST AUTO PAINT SHOP
 303 3RD ST
 HUNTINGTON BEACH, CA 92648**

**RCRIS-SQG 1000391648
 FINDS CAD981652811**

Site 2 of 6 in cluster D

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

WEST COAST AUTO PAINT SHOP (Continued)

1000391648

RCRIS:

Owner: FRED GARZA
 (415) 555-1212
 EPA ID: CAD981652811
 Contact: ENVIRONMENTAL MANAGER
 (714) 960-3337

Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

D18
 NW
 1/8-1/4
 1309 ft.
 Higher

RESIDENCE
 1301 MONTEREY BLVD
 HUNTINGTON BEACH, CA 92648

UST U003782347
 N/A

Site 3 of 6 in cluster D

State UST:

Facility ID: 3163
 Total Tanks: 1
 Region: STATE
 Local Agency: 30000

UST San Francisco County:

Facility ID:	3163	Case Number:	Not reported
Tank ID:	Not reported	Owner Name:	Not reported
Receive Date:	2/5/98	Close Date:	2/27/98
Certified Date:	3/6/98		
Mailing Address:	Not reported	Number Of Tanks :	1
Care Of Address :	Not reported	Location Within Site:	Not reported
Type Of Action :	Not reported	Tank Manufacturer :	Not reported
Local Tank Id :	Not reported	Compartmentalized Tank :	Not reported
Date Tank Installed :	Not reported	Tank Use :	Not reported
Tank Capacity :	Not reported	Common Name :	Not reported
# Of Tank Compartments :	Not reported		
Additional Desc :	Not reported		
Petroleum Type :	Not reported		
Type Of Tank :	Not reported		
Tank Material - Primary Tank :	Not reported		
Tank Material - Secondary Tank :	Not reported		
Tank Interior Lining/coating :	Not reported		
Tank Int Lining Install Dt:	Not reported		
Other Tank Corrosive Protection :	Not reported		
Date Tank Corrosive Protection Install :	Not reported		
Year Spill And Overfill Installed :			
Spill Containment :	Not reported		
Drop Tube :	Not reported		
Striker Plate :	Not reported		
Type Of Spill Protection :			
Spill Containment :	Not reported		
Drop Tube :	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

U003782347

Striker Plate :	Not reported
Year Overfill Protection Equipment installed :	
Alarm :	Not reported
Ball Float :	Not reported
Fill Tube Shut :	Not reported
Exempt :	Not reported
Tank Leak Detection (Single Wall) :	
Visual (Exposed Portion) :	Not reported
Automatic Tank Gauging :	Not reported
Continuous Atg :	Not reported
Statstcl Invntry Reconciliation & Biennial Tank Test :	Not reported
Manual Tank Gauging :	Not reported
Vadose Zone Tank Leak Detection :	Not reported
Groundwater :	Not reported
Tank Testing :	Not reported
Other Detection :	Not reported
Tank Leak Detection (Double Wall) :	
Visual (Single Wall In Vault Only) :	Not reported
Continuous Interstitial Monitoring :	Not reported
Manual Monitoring :	Not reported
Estimated Date Last Used :	Not reported
Estimated Qty Of Substance Remaining :	Not reported
Tank Filled With Inert Material :	Not reported
Piping System Type (Underground) :	
Pressure :	Not reported
Suction :	Not reported
Gravity :	Not reported
Piping System Type (Aboveground) :	
Pressure :	Not reported
Suction :	Not reported
Gravity :	Not reported
Piping Construction (Underground) :	
Single Wall :	Not reported
Double Wall :	Not reported
Lined Trench :	Not reported
Unknown :	Not reported
Other :	Not reported
Piping Manufacturer (Underground) :	Not reported
Piping Construction (Aboveground) :	
Single Wall :	Not reported
Double Wall :	Not reported
Unknown :	Not reported
Other :	Not reported
Piping Manufacturer (Aboveground) :	Not reported
Piping Mat. And Corrosion Protection (Underground) :	
Bare Steel :	Not reported
Stainless Steel :	Not reported
Plastic Compatible With Contents :	Not reported
Fiberglass :	Not reported
Steel W/coating :	Not reported
FRP Compatible W/100% Methanol :	Not reported
Galvanized Steel :	Not reported
Flexible (HDPE - High Density Polyethylene) :	Not reported
Cathodic Protection :	Not reported
Unknown :	Not reported
Other :	Not reported
Piping Mat. & Corrosion Protec (Aboveground) :	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

U003782347

Bare Steel :	Not reported
Stainless Steel :	Not reported
Plastic Compatible With Contents :	Not reported
Fiberglass :	Not reported
Steel W/coating :	Not reported
Frp Compatible W/100% Methanol :	Not reported
Galvanized Steel :	Not reported
Flexible (HDPE - High Density Polyethylene) :	Not reported
Cathodic Protecctn :	Not reported
Unknown :	Not reported
Other :	Not reported
Piping Leak Detection (Underground - Single Wall) :	
Electronic Line Leak Detector/ Auto Shutoff/ Alarms :	Not reported
Monthly 0.2 Gph Test :	Not reported
Annual Integrity Test :	Not reported
Daily Visual Monitrng ,Trienn Integrity Test :	Not reported
Self Monitoring :	Not reported
Biennial Integrity Test :	Not reported
Piping Leak Detection (Secondarily Contained) :	
Sump Sensor, Alarms ,Auto Shutoff For Leaks :	Not reported
Sump Snsr, Alm ,Auto Shutoff For Leaks, Failure, & Disconnect :	Not reported
Sump Sensor ,Alarms ,No Auto Shutoff :	Not reported
Pressure, Auto Leak Detctr ,Flow Shutoff Or Restrictn	Not reported
Annual Integrity Test :	Not reported
Suction,Gravity ,Sump Sensor,Alarms :	Not reported
Piping Leak Detection (Emergency Generators) :	
Sump Sensor W/O Auto Shutoff /Alarms :	Not reported
Auto Leak Detector W/O Flow Shutoff Or Restrctn :	Not reported
Annual Integrity Test :	Not reported
Piping Leak Detecctn Abvegrnd - Emrgncy Gen - Daily Visual Chk : Not reported	
Pipe Integrity Test, Underground :	Not reported
Piping Leak Detection (Aboveground - Single Wall) :	
Electronic Line Leak Detector /Auto Shutoff /Alarms :	Not reported
Monthly 0.2 Gph Test :	Not reported
Annual Integrity Test :	Not reported
Single Wall, Pressure Daily Visual Check :	Not reported
Single Wall, Suction - Daily Visual Monitoring :	Not reported
Triennial Integrity Test :	Not reported
Self Monitoring :	Not reported
Single Wall, Gravity - Daily Visual Monitoring :	Not reported
Biennial Integrity Test :	Not reported
Piping Leak Detection (Aboveground - Secondarily Contained)	
Sump Sensor, Alarms, Auto Shutoff For Leaks :	Not reported
Piping Leak Detection (Underground - Secondarily Contained)	
Sump Snsr, Alm , Auto Shutoff For Leaks, Failre & Disconct :	Not reported
Sump Sensor, Alarms, No Auto Shutoff :	Not reported
Pressure - Auto Leak Detctr, Flow Shutoff /Restrctn :	Not reported
Annual Integrity Test :	Not reported
Suction/gravity - Sump Sensor , Alarms :	Not reported
Piping Leak Detection Underground (Emergency Generators)	
Sump Sensor Without Auto Shutoff , Alarms :	Not reported
Auto Leak Detector W/o Flow Shutoff Or Restrctn :	Not reported
Annual Integrity Test :	Not reported
Daily Visual Check :	Not reported
Pipe Integrity Test, Aboveground :	Not reported
Date Dispenser Containment Installed :	Not reported
Dispenser Containment Type :	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

U003782347

Date Certified (Tank Unit) :	Not reported
Owner/ Operator Name (Tank Unit) :	Not reported
Owner/ Operator Title (Tank Unit) :	Not reported
Permit Number :	Not reported
Permit Approved By :	Not reported
Permit Expiration Date :	Not reported
Last Annual Monitoring Cert:	Not reported
Secondary Containment Test :	Not reported
Spill Containment Present :	Not reported
Drop Tube Present :	Not reported
Striker Plate Present :	Not reported
Alarm Present :	Not reported
Ball Float Present :	Not reported
Fill Tube Present :	Not reported
Other Tank Leak Detection Present :	Not reported

**D19
 NW
 1/4-1/2
 1360 ft.
 Higher**

**HUNTINGTON BEACH POST OFFICE
 316 OLIVE ST
 HUNTINGTON BEACH, CA 92648**

**LUST S102770009
 N/A**

Site 4 of 6 in cluster D

State LUST:

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	Not reported	Prelim Assess:	Not reported
Case Number	083001625T	Remed Plan:	Not reported
Reg Board:	Santa Ana Region	Monitoring:	Not reported
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	30000L		
Case Type:	Soil only		
Status:	Case Closed		
County:	Orange		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Close Date:	9/18/1990		
Release Date:	8/13/1990		
Cleanup Fund Id :	Not reported		
Discover Date :	Not reported		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	9/16/1990		
Funding:	Not reported		
Staff Initials:	LL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	90UT192		
Beneficial:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HUNTINGTON BEACH POST OFFICE (Continued)

S102770009

Staff : PAH
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 10/10/1990
Stop Date : Not reported
Work Suspended :Not reported
Responsible Party:U.S. POSTAL SERVICE
RP Address: 316 OLIVE STREET, HUNTINGTON BEACH CA 92648
Global Id: T0605901233
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 12034 Cross Street: Not reported
Regional Board: 08
Local Case Num: 90UT192
Facility Status: Case Closed
Staff: PAH
Lead Agency: Local Agency
Local Agency: Orange County Health Care Agency
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Qty Leaked: Not reported
County: Orange
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 9/18/90
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 09/16/1990
Funding: Not reported
Staff Initials: LL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.6583302 / -117.9992772
Leak Cause: Not reported
Leak Source: Not reported
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NRQ

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

HUNTINGTON BEACH POST OFFICE (Continued)

S102770009

Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : LOP
Priority : Not reported
Work Suspended : Not reported
Responsible Party: U.S. POSTAL SERVICE
Well name: HOLTZ - DESTROYED
Distance From Lust: 12227.8024303869918789142
Waste Disch Global Id: W0605910053
MTBE Class: *
Waste Disch Assigned Name: 06S/11W-01A01 S
Case Type: S
Global ID: T0605901233
How Stopped Date: Not reported
Organization Name: Not reported
Contact Person: Not reported
RP Address: 316 OLIVE STREET, HUNTINGTON BEACH CA 92648
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083001625T
Water System Name: CITY OF HUNTINGTON BEACH
Summary: Not reported

D20
NW
1/4-1/2
1360 ft.
Higher

UNITED STATES POSTAL SERVICE
316 OLIVE AVE
HUNTINGTON BEACH, CA 92648
Site 5 of 6 in cluster D

HAZNET S103652198
Cortese N/A

HAZNET:
Gepaid: CAC001265112
Tepaid: AZD049318009
Gen County: Orange
Tsd County: 99
Tons: .0185
Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: USPS
Telephone: (714) 667-6765
Mailing Address: PO BOX 21184
SANTA ANA, CA 92711 - 7184
County: Orange
Gepaid: CAC001265112
Tepaid: AZD049318009
Gen County: Orange
Tsd County: 99
Tons: .0050
Category: Other empty containers 30 gallons or more
Disposal Method: Transfer Station
Contact: USPS
Telephone: (714) 667-6765
Mailing Address: PO BOX 21184
SANTA ANA, CA 92711 - 7184
County: Orange

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

UNITED STATES POSTAL SERVICE (Continued)

S103652198

CORTESE:
 Reg Id: 083001625T
 Region: CORTESE
 Reg By: Leaking Underground Storage Tanks

**D21
 NW
 1/4-1/2
 1360 ft.
 Higher**

**HUNTINGTON BEACH POST OFFICE
 316 OLIVE
 HUNTINGTON BEACH, CA 92648
 Site 6 of 6 in cluster D**

**LUST S102431571
 N/A**

LUST Region OR:
 Facility Id: 90UT192
 Site Number: RO0001503
 Region: ORANGE
 Case Type: Soil only
 Chemical: Diesel
 Date Closed: 09/18/1990
 Current Status: Inactive and Non Billable
 Facility Status: Case Closed

**22
 NW
 1/4-1/2
 1628 ft.
 Higher**

**HUNTINGTON BEACH, CITY OF
 301 MAIN ST
 HUNTINGTON BEACH, CA 92648**

**LUST S101307780
 N/A**

State LUST:
 Cross Street: OLIVE
 Qty Leaked: Not reported
 Case Number: 083002148T
 Reg Board: Santa Ana Region
 Chemical: Gasoline
 Lead Agency: Regional Board
 Local Agency : 30000L
 Case Type: Aquifer affected
 Status: Case Closed
 County: Orange
 Abate Method: AS
 Review Date: 5/22/1992
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Close Date: 7/17/1997
 Release Date: 6/2/1992
 Cleanup Fund Id : Not reported
 Discover Date : 5/22/1992
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : 12/22/1992
 Funding: Not reported
 Staff Initials: LL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported

Confirm Leak: 5/22/1992
 Prelim Assess: Not reported
 Remed Plan: Not reported
 Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HUNTINGTON BEACH, CITY OF (Continued)

S101307780

Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CAB
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : Not reported
Operator : Not reported
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 12/29/1997
Stop Date : Not reported
Work Suspended :Not reported
Responsible Party:HUNTINGTON BCH, REDEVELOPMENT
RP Address: 16001 BALLANTINE CIRCLE, HUNTINGTON BEACH CA 92647
Global Id: T0605901587
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 8006619 Cross Street: OLIVE
Regional Board: 08
Local Case Num: Not reported
Facility Status: Case Closed
Staff: CAB
Lead Agency: Regional Board
Local Agency: Orange County Health Care Agency
Abate Method: Air Sparging
Qty Leaked: Not reported
County: Orange
Review Date: 05/22/1992 Confirm Leak: 05/22/1992
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 7/17/97
Cleanup Fund Id : Not reported
Discover Date : 05/22/1992
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 12/22/1992
Funding: Not reported
Staff Initials: LL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.6588652 / -118.0001272
Leak Cause: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HUNTINGTON BEACH, CITY OF (Continued)

S101307780

Leak Source: Not reported
 Beneficial: Not reported
 MTBE Date : Not reported
 MTBE Tested : NT
 Max MTBE GW : Not reported
 GW Qualifies : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifies : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm : UST
 Priority : Not reported
 Work Suspended :Not reported
 Responsible Party:HUNTINGTON BCH, REDEVELOPMENT
 Well name: HOLTZ - DESTROYED
 Distance From Lust: 12197.7764483648097605949
 Waste Disch Global Id: W0605910053
 MTBE Class: *
 Waste Disch Assigned Name: 06S/11W-01A01 S
 Case Type: A
 Global ID: T0605901587
 How Stopped Date: Not reported
 Organization Name: Not reported
 Contact Person: Not reported
 RP Address: 16001 BALLANTINE CIRCLE, HUNTINGTON BEACH CA 92647
 MTBE Concentration: 0
 MTBE Fuel: 1
 Case Number: 083002148T
 Water System Name: CITY OF HUNTINGTON BEACH
 Summary: LEAD TRANSFERED TO RB 6/3/93 5/8/96 - APPROVED LIMITED AS 7/2/96 - CLARIFY
 STATUS FOR UST CLEANUP FUND

23
 NW
 1/4-1/2
 1939 ft.
 Higher

204 5TH ST
 HUNTINGTON BEACH, CA 0

CHMIRS S105676064
 N/A

CHMIRS:
 OES Control Number: 01-1705 DOT ID: Not reported
 DOT Hazard Class: Not Reported
 Chemical Name: Raw Sewage
 Extent of Release: Not reported
 CAS Number: Not reported Quantity Released: 200
 Environmental Contamination: None Reported Property Use: Not reported
 Incident Date: Not reported Date Completed: 3/21/01
 Time Completed : Not reported
 Physical State Stored : Not reported
 Physical State Released : Not reported
 Release Unit : Not reported
 Container Description : Not reported
 Container Type : Not reported
 Container Material : Not reported
 Level Of Container : Not reported
 Container Capacity : Not reported
 Container Capacity Units (code) : Not reported
 Extent Of Release (code) : Not reported
 Agency Id Number : Not reported
 Agency Incident Number : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105676064

OES Incident Number :	01-1705
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 Personnel # Of Injuries :	0
Responding Agency Personnel # Of Fatalities :	0
Resp Agency Personnel # 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
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 :	Other
Cleanup By :	Reporting Party
Containment :	Yes
What Happened :	Police Substation is located in an old house and the main line from the toilet was leaking under the house. Leakage was contained under the house and has been cleaned out and the dirt will be disposed of.
Date/Time :	3/21/01 1545
Evacuations :	0
Type :	SEWAGE
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported

E24 HUNTINGTON BEACH, CITY OF
WNW 122 5TH ST
1/4-1/2 HUNTINGTON BEACH, CA 92647
1991 ft.
Higher Site 1 of 4 in cluster E

LUST S105024144
Cortese N/A

State LUST:
 Cross Street: Not reported
 Qty Leaked: Not reported
 Case Number 083001578T
 Reg Board: Santa Ana Region
 Chemical: Waste Oil
 Lead Agency: Local Agency
 Local Agency : 30000L

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HUNTINGTON BEACH, CITY OF (Continued)

S105024144

Case Type: Soil only
Status: Case Closed
County: Orange
Review Date: Not reported
Workplan: 7/3/1990
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 12/4/1990
Release Date: 7/2/1990
Cleanup Fund Id : Not reported
Discover Date : 6/21/1990
Enforcement Dt : 1/1/1965
Enf Type: None Taken
Enter Date : 7/2/1990
Funding: Not reported
Staff Initials: LL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 90UT164
Beneficial: Not reported
Staff : PAH
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 12/4/1990
Stop Date : Not reported
Work Suspended :Not reported
Responsible PartyCITY OF HUNTINGTON BEACH
RP Address: 17371 GOTHARD STREET, HUNTINGTON BEACH, CA 92647
Global Id: T0605901202
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtb Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 12035
Regional Board: 08
Local Case Num: 90UT164
Facility Status: Case Closed
Staff: PAH
Cross Street: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HUNTINGTON BEACH, CITY OF (Continued)

S105024144

Lead Agency: Local Agency
Local Agency: Orange County Health Care Agency
Qty Leaked: Not reported
County: Orange
Review Date: Not reported
Workplan: 7/3/90
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 12/4/90
Cleanup Fund Id : Not reported
Discover Date : 08/21/1990
Enforcement Dt : 1/1/85
Enf Type: None Taken
Enter Date : 07/02/1990
Funding: Not reported
Staff Initials: LL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.7210713 / -118.0015353
Leak Cause: Not reported
Leak Source: Not reported
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NRQ
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : LOP
Priority : Not reported
Work Suspended : Not reported
Responsible Party: CITY OF HUNTINGTON BEACH
Well name: WELL 06
Distance From Lust: 1876.43100509382512268250
Waste Disch Global Id: W0605910053
MTBE Class: *
Waste Disch Assigned Name: 05S/11W-23F02 S
Case Type: S
Global ID: T0605901202
How Stopped Date: Not reported
Organization Name: Not reported
Contact Person: Not reported
RP Address: 17371 GOTHARD STREET, HUNTINGTON BEACH, CA 92647
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083001578T
Water System Name: CITY OF HUNTINGTON BEACH
Summary: Not reported

CORTESE:

Reg Id: 083001578T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

E25 **TERRY BUICK INC**
WNW **122 5TH ST**
1/4-1/2 **HUNTINGTON BEACH, CA 92648**
1991 ft.
Higher

LUST **U003794091**
UST **N/A**

Site 2 of 4 in cluster E

LUST Region OR:
Facility Id: 90UT164
Site Number: RO0000916
Region: ORANGE
Case Type: Soil only
Chemical: Waste Oil
Date Closed: 12/04/1990
Current Status: Inactive and Non Billable
Facility Status: Case Closed

Facility Id: 90UT164
Site Number: RO0000916
Region: ORANGE
Case Type: Soil only
Chemical: Gasoline
Date Closed: 12/04/1990
Current Status: Inactive and Non Billable
Facility Status: Case Closed

State UST:
Facility ID: 7309
Total Tanks: 1
Region: STATE
Local Agency: 30000

E26 **WIND & SEA SURFBORADS**
WNW **520 PACIFIC COAST HWY**
1/4-1/2 **HUNTINGTON BEACH, CA 92648**
2075 ft.
Higher

LUST **U003805201**
UST **N/A**

Site 3 of 4 in cluster E

LUST Region OR:
Facility Id: 91UT030
Site Number: RO0001590
Region: ORANGE
Case Type: Ground water
Chemical: Waste Oil
Date Closed: 09/30/1997
Current Status: Inactive and Non Billable
Facility Status: Case Closed

Facility Id: 91UT030
Site Number: RO0001590
Region: ORANGE
Case Type: Ground water
Chemical: Gasoline
Date Closed: 09/30/1997
Current Status: Inactive and Non Billable
Facility Status: Case Closed

State UST:
Facility ID: 12060
Total Tanks: 1
Region: STATE
Local Agency: 30000

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

E27 WIND AND SEA SURFBOARD SHOP LUST S102441322
WNW 520 PACIFIC COAST HWY N/A
1/4-1/2 HUNTINGTON BEACH, CA 92648
2075 ft.
Higher Site 4 of 4 in cluster E

State LUST:

Cross Street:	5TH	Confirm Leak:	Not reported
Qty Leaked:	Not reported	Prelim Assess:	Not reported
Case Number	083001792T	Remed Plan:	Not reported
Reg Board:	Santa Ana Region	Monitoring:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	30000L		
Case Type:	Soil only		
Status:	Case Closed		
County:	Orange		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Close Date:	9/30/1997		
Release Date:	2/28/1991		
Cleanup Fund Id :	Not reported		
Discover Date :	1/1/1965		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	3/18/1991		
Funding:	Not reported		
Staff Initials:	LL		
How Discovered:	Subsurface Monitoring		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	91UT030		
Beneficial:	Not reported		
Staff :	CAB		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Oversight Program UST		
Oversight Prgm :	LOP		
Review Date :	12/29/1997		
Stop Date :	Not reported		
Work Suspended	Not reported		
Responsible Party	CITY OF HUNTINGON BEACH		
RP Address:	2000 MAIN STREET, HUNTINGTON BEACH CA 92648		
Global Id:	T0605901342		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	1		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WIND AND SEA SURFBOARD SHOP (Continued)

S102441322

Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 8006619 Cross Street: 5TH
Regional Board: 08
Local Case Num: 91UT030
Facility Status: Case Closed
Staff: CAB
Lead Agency: Local Agency
Local Agency: Orange County Health Care Agency
Qty Leaked: Not reported
County: Orange
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 9/30/97
Cleanup Fund Id : Not reported
Discover Date : 01/01/1965
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 03/18/1991
Funding: Not reported
Staff Initials: LL
How Discovered: Subsurface Monitoring
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.8574623 / -118.0028293
Leak Cause: Not reported
Leak Source: Not reported
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : LOP
Priority : Not reported
Work Suspended : Not reported
Responsible Party: CITY OF HUNTINGTON BEACH
Well name: HOLTZ - DESTROYED
Distance From Lust: 13076.2517080124231831143
Waste Disch Global Id: W0605910053
MTBE Class: *
Waste Disch Assigned Name: 06S/11W-01A01 S
Case Type: S
Global ID: T0605901342
How Stopped Date: Not reported
Organization Name: Not reported
Contact Person: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

WIND AND SEA SURFBOARD SHOP (Continued)

S102441322

RP Address: 2000 MAIN STREET, HUNTINGTON BEACH CA 92648
 MTBE Concentration: 0
 MTBE Fuel: 1
 Case Number: 083001792T
 Water System Name: CITY OF HUNTINGTON BEACH
 Summary: Not reported

**28
 WNW
 1/4-1/2
 2324 ft.
 Higher**

**JAVA JUNGLE
 602 PACIFIC COAST HIGHWAY
 HUNTINGTON BEACH, CA 92649**

**LUST S105624566
 N/A**

State LUST:

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	Not reported	Prelim Assess:	5/31/2001
Case Number	083003931T	Remed Plan:	Not reported
Reg Board:	Santa Ana Region	Monitoring:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	30000L		
Case Type:	Other ground water affected		
Status:	Preliminary site assessment underway		
County:	Orange		
Review Date:	Not reported		
Workplan:	5/31/2001		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Close Date:	Not reported		
Release Date:	9/6/2002		
Cleanup Fund Id :	Not reported		
Discover Date :	5/31/2001		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	STE		
How Discovered:	SAS		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	UNK		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	02UT017		
Beneficial:	Not reported		
Staff :	CAB		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm :	Not reported		
Review Date :	Not reported		
Stop Date :	Not reported		
Work Suspended :	Not reported		
Responsible Party:	EMAD SAMUEL		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

JAVA JUNGLE (Continued)

S105624566

RP Address: 5732 SERENE DRIVE
 Global Id: T0605990211
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: 0
 Mtbe Fuel: 1
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
 Substance: 8006619 Cross Street: Not reported
 Regional Board: 08
 Local Case Num: 02UT017
 Facility Status: Preliminary site assessment underway
 Staff: CAB
 Lead Agency: Local Agency
 Local Agency: Orange County Health Care Agency
 Qty Leaked: Not reported
 County: Orange
 Review Date: Not reported Confirm Leak: Not reported
 Workplan: 5/31/01 Prelim Assess: 5/31/01
 Pollution Char: Not reported Remed Plan: Not reported
 Remed Action: Not reported Monitoring: Not reported
 Close Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 05/31/2001
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : / /
 Funding: Not reported
 Staff Initials: STE
 How Discovered: SAS
 How Stopped: Not reported
 Interim : Not reported
 Lat/Lon : 0 / 0
 Leak Cause: Not reported
 Leak Source: UNK
 Beneficial: Not reported
 MTBE Date : Not reported
 MTBE Tested : NT
 Max MTBE GW : Not reported
 GW Qualifies : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifies : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm : Not reported
 Priority : Not reported
 Work Suspended :Not reported
 Responsible Party:EMAD SAMUEL
 Well name: Not reported
 Distance From Lust: Not reported
 Waste Disch Global Id: Not reported
 MTBE Class: *

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

JAVA JUNGLE (Continued)

S105624566

Waste Disch Assigned Name: Not reported
 Case Type: O
 Global ID: T0605990211
 How Stopped Date: Not reported
 Organization Name: Not reported
 Contact Person: Not reported
 RP Address: 5732 SERENE DRIVE
 MTBE Concentration: 0
 MTBE Fuel: 1
 Case Number: 083003931T
 Water System Name: Not reported
 Summary: GROUNDWATER CONTAMINATION DISCOVERED DURING PHASE II SITE INVESTIGATION

LUST Region OR:

Facility Id: 02UT017
 Site Number: RO0003071
 Region: ORANGE
 Case Type: Other ground water affected
 Chemical: Gasoline
 Date Closed: Not reported
 Current Status: Active and Billable
 Facility Status: Preliminary Assessment

29
 North
 1/2-1
 2743 ft.
 Higher

OLD LAKE FIRE STATION
704 LAKE ST
HUNTINGTON BEACH, CA 92648

LUST U001577340
Cortese N/A
UST
HIST UST

State LUST:

Cross Street: INDIANAPOLIS
 Qty Leaked: Not reported
 Case Number: 083000301T
 Reg Board: Santa Ana Region
 Chemical: Waste Oil
 Lead Agency: Local Agency
 Local Agency : 30000L
 Case Type: Soil only
 Status: Case Closed
 County: Orange
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Close Date: 11/4/1986
 Release Date: 9/22/1986
 Cleanup Fund Id : Not reported
 Discover Date : 1/1/1985
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : 12/31/1986
 Funding: Not reported
 Staff Initials: LL
 How Discovered: Tank Closure
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: UNK
 Leak Source: UNK
 MTBE Date : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported
 Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

OLD LAKE FIRE STATION (Continued)

U001577340

Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 86UT139
Beneficial: Not reported
Staff : PAH
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 7/11/1988
Stop Date : 5/1/1986
Work Suspended : Not reported
Responsible Party: CITY OF HUNTINGTON BEACH
RP Address: 17371 GOTHARD STREET, HUNTINGTON BEACH, CA 92647
Global Id: T0605900237
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtb Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 12035 Cross Street: INDIANAPOLIS
Regional Board: 08
Local Case Num: 86UT139
Facility Status: Case Closed
Staff: PAH
Lead Agency: Local Agency
Local Agency: Orange County Health Care Agency
Qty Leaked: Not reported
County: Orange
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 11/4/86
Cleanup Fund Id : Not reported
Discover Date : 01/01/1965
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 12/31/1986
Funding: Not reported
Staff Initials: LL
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.6628811 / -117.9975591
Leak Cause: UNK
Leak Source: UNK

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

OLD LAKE FIRE STATION (Continued)

U001577340

Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NRQ
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : LOP
Priority : Not reported
Work Suspended :Not reported
Responsible Party:CITY OF HUNTINGTON BEACH
Well name: HOLTZ - DESTROYED
Distance From Lust: 10545.5742279569588830202
Waste Disch Global Id: W0605910053
MTBE Class: *
Waste Disch Assigned Name: 06S/11W-01A01 S
Case Type: S
Global ID: T0605900237
How Stopped Date: 5/1/1986
Organization Name: Not reported
Contact Person: Not reported
RP Address: 17371 GOTHARD STREET, HUNTINGTON BEACH, CA 92647
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083000301T
Water System Name: CITY OF HUNTINGTON BEACH
Summary: TANK ABANDONED BY CITY IN 1982.

LUST Region OR:

Facility Id: 86UT139
Site Number: RO0001711
Region: ORANGE
Case Type: Not reported
Chemical: Waste Oil
Date Closed: 10/28/1986
Current Status: Inactive and Non Billable
Facility Status: Case Closed

CORTESE:

Reg Id: 083000301T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

UST HIST:

Facility ID: 27863
Tank Num: 1
Tank Capacity: 1500
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Leak Detection: None
Contact Name: TOM SHAW
Total Tanks: 0
Facility Type: 2
Container Num: OL-1
Year Installed: Not reported
Tank Construction: Not reported
Telephone: (714) 536-5411
Region: STATE
Other Type: FIRE STATION
Facility ID: 27863
Tank Num: 2
Tank Capacity: 1000
Container Num: OL-2
Year Installed: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

OLD LAKE FIRE STATION (Continued)

U001577340

Tank Used for:	PRODUCT	Tank Construction:	Not reported
Type of Fuel:	DIESEL	Telephone:	(714) 536-5411
Leak Detection:	None	Region:	STATE
Contact Name:	TOM SHAW	Other Type:	FIRE STATION
Total Tanks:	0		
Facility Type:	2		
Facility ID:	27863	Container Num:	OL-3
Tank Num:	3	Year Installed:	Not reported
Tank Capacity:	100	Tank Construction:	Not reported
Tank Used for:	WASTE	Telephone:	(714) 536-5411
Type of Fuel:	WASTE OIL	Region:	STATE
Leak Detection:	None	Other Type:	FIRE STATION
Contact Name:	TOM SHAW		
Total Tanks:	0		
Facility Type:	2		
State UST:			
Facility ID:	5947		
Total Tanks:	1		
Region:	STATE		
Local Agency:	30000		

30
 SE
 1/2-1
 2806 ft.
 Higher

ARCO (ABANDON)
21302 PACIFIC COAST HWY
HUNTINGTON BEACH, CA 92648

LUST S100230740
Cortese N/A

State LUST:

Cross Street:	HUNTINGTON	Confirm Leak:	Not reported
Qty Leaked:	Not reported	Prelim Assess:	8/23/1988
Case Number	083000948T	Remed Plan:	Not reported
Reg Board:	Santa Ana Region	Monitoring:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	30000L		
Case Type:	Other ground water affected		
Status:	Pollution Characterization		
County:	Orange		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site, Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants, Vapor Extraction		
Review Date:	Not reported		
Workplan:	8/23/1988		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Close Date:	Not reported		
Release Date:	6/4/1985		
Cleanup Fund Id :	Not reported		
Discover Date :	1/1/1965		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	6/20/1988		
Funding:	Federal Funds		
Staff Initials:	LL		
How Discovered:	Subsurface Monitoring		
How Stopped:	Not reported		
Interim :	Yes		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARCO (ABANDON) (Continued)

S100230740

Leak Cause: UNK
Leak Source: UNK
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 84UT009
Beneficial: Not reported
Staff : VJJ
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 11/23/1992
Stop Date : Not reported
Work Suspended :Not reported
Responsible Party:ARCO PETROLEUM PRODUCTS CO.
RP Address: 17315 STUDEBAKER ROAD, CERRITOS, CA 90701
Global Id: T0605900753
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtb Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 8006619 Cross Street: HUNTINGTON
Regional Board: 08
Local Case Num: 84UT009
Facility Status: Pollution Characterization
Staff: VJJ
Lead Agency: Local Agency
Local Agency: Orange County Health Care Agency
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Vapor Extraction, Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants
Qty Leaked: Not reported
County: Orange
Review Date: Not reported Confirm Leak: Not reported
Workplan: 8/23/88 Prelim Assess: 8/23/88
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 01/01/1965
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 06/20/1988
Funding: Federal Funds
Staff Initials: LL

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARCO (ABANDON) (Continued)

S100230740

How Discovered: Subsurface Monitoring
How Stopped: Not reported
Interim: Yes
Lat/Lon: 33.6531124 / -117.995494
Leak Cause: UNK
Leak Source: UNK
Beneficial: Not reported
MTBE Date: Not reported
MTBE Tested: NT
Max MTBE GW: Not reported
GW Qualifies: Not reported
Max MTBE Soil: Not reported
Soil Qualifies: Not reported
Hydr Basin #: Not reported
Operator: Not reported
Oversight Prgm: LOP
Priority: Not reported
Work Suspended: Not reported
Responsible Party: ARCO PETROLEUM PRODUCTS CO.
Well name: HOLTZ - DESTROYED
Distance From Lust: 13410.8452508544518535913
Waste Disch Global Id: W0605910053
MTBE Class: *
Waste Disch Assigned Name: 06S/11W-01A01 S
Case Type: O
Global ID: T0605900753
How Stopped Date: Not reported
Organization Name: Not reported
Contact Person: Not reported
RP Address: 17315 STUDEBAKER ROAD, CERRITOS, CA 90701
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083000948T
Water System Name: CITY OF HUNTINGTON BEACH
Summary: DESTROYED ALL MONITORING WELLS DURING HOTEL CONSTRUCTION. UGT'S REMOVED IN 1984. CONTAMINATION DETECTED IN (1985) DURING REDEVELOPMENT. SOIL REM. INCLUDED VES + BIOREMED., ("NUTRIENT ENHANCED BIODEGRAD. & BLOWER-DRIVEN SOIL VENT.")

CORTESE:

Reg Id: 083000948T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

31
NW
1/2-1
3936 ft.
Higher

414 11TH ST.
HUNTINGTON BEACH, CA

CHMIRS S105668407
N/A

CHMIRS:

OES Control Number: 00-1308 DOT ID: Not reported
DOT Hazard Class: Not Reported
Chemical Name: Raw Sewage
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 400
Environmental Contamination: None Reported Property Use: Not reported
Incident Date: Not reported Date Completed: 3/19/00
Time Completed: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105668407

Physical State Stored :	Not reported
Physical State Released :	Not reported
Release Unit :	Not reported
Container Description :	Not reported
Container Type :	Not reported
Container Material :	Not reported
Level Of Container :	Not reported
Container Capacity :	Not reported
Container Capacity Units (code) :	Not reported
Extent Of Release (code) :	Not reported
Agency Id Number :	Not reported
Agency Incident Number :	Not reported
OES Incident Number :	00-1308
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 Personnel # Of Injuries :	0
Responding Agency Personnel # Of Fatalities :	0
Resp Agency Personnel # 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
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 :	Yes
Waterway :	Storm Drain
Spill Site :	Road
Cleanup By :	City Public Works
Containment :	Yes
What Happened :	Some blockage in a line causing the sewage to come up out of a manhole cover. Storm Drain dumps onto the beach, they sent a crew out and it is clear so far. ****This is the same spill at 00-1307, it is in Huntington Beach and not Seal Beach.****
Date/Time :	3/19/00 1947
Evacuations :	0
Type :	SEWAGE
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

32 SE 1/2-1 5130 ft. Higher	ACTION BOATS 21622 COAST HWY HUNTINGTON BEACH, CA	LUST Cortese Orange Co. Industrial Site	S101126318 N/A
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State LUST:

Cross Street: Not reported Qty Leaked: Not reported Case Number: 083001747T Reg Board: Santa Ana Region Chemical: Gasoline Lead Agency: Local Agency Local Agency: 30000 Case Type: Soil only Status: Preliminary site assessment workplan submitted County: Orange Review Date: Not reported Workplan: Not reported Pollution Char: Not reported Remed Action: Not reported Close Date: 8/6/1993 Release Date: 2/14/1991 Cleanup Fund Id: Not reported Discover Date: 1/1/1965 Enforcement Dt: Not reported Enf Type: Not reported Enter Date: 3/1/1991 Funding: Not reported Staff Initials: Not reported How Discovered: Subsurface Monitoring How Stopped: Not reported Interim: Not reported Leak Cause: Not reported Leak Source: Not reported MTBE Date: Not reported Max MTBE GW: Not reported MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed. Priority: Not reported Local Case #: 89IC30 Beneficial: Not reported Staff: VJJ GW Qualifier: Not reported Max MTBE Soil: Not reported Soil Qualifier: Not reported Hydr Basin #: Not reported Operator: RAY GUY Oversight Prgm: OTHL Oversight Prgm: OTHL Review Date: 3/1/1991 Stop Date: Not reported Work Suspended: Not reported Responsible Party: ACTION BOAT BROKERS RP Address: 21622 PACIFIC COAST HIGHWAY, HUNTINGTON BEACH, CA 92646 Global Id: T0605901314 Org Name: Not reported Contact Person: Not reported MTBE Conc: 0 Mtbe Fuel: 1	Confirm Leak: Not reported Prelim Assess: Not reported Remed Plan: Not reported Monitoring: Not reported
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Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ACTION BOATS (Continued)

S101126318

Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 8006619 Cross Street: Not reported
Regional Board: 08
Local Case Num: 891C30
Facility Status: Preliminary site assessment workplan submitted
Staff: VJJ
Lead Agency: Local Agency
Local Agency: Orange County Health Care Agency
Qty Leaked: Not reported
County: Orange
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 8/6/93
Cleanup Fund Id : Not reported
Discover Date : 01/01/1965
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 03/01/1991
Funding: Not reported
Staff initials: LL
How Discovered: Subsurface Monitoring
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.6487996 / -117.9884559
Leak Cause: Not reported
Leak Source: Not reported
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : RAY GUY
Oversight Prgm : OTHL
Priority : Not reported
Work Suspended : Not reported
Responsible Party: ACTION BOAT BROKERS
Well name: HOLTZ - DESTROYED
Distance From Lust: 14275.7879383374334214724
Waste Disch Global Id: W0605910053
MTBE Class: *
Waste Disch Assigned Name: 06S/11W-01A01 S
Case Type: S
Global ID: T0605901314
How Stopped Date: Not reported
Organization Name: Not reported
Contact Person: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ACTION BOATS (Continued)

S101126318

RP Address: 21622 PACIFIC COAST HIGHWAY, HUNTINGTON BEACH, CA 92646
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083001747T
Water System Name: CITY OF HUNTINGTON BEACH
Summary: Not reported

CORTESE:

Reg Id: 083001747T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Industrial Site:

Case ID: 89IC30
Open Date: 08/17/89
Closed Date: 08/06/93
Haz Mat: Waste (or slop) Oil (T)
Region: ORANGE

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HUNTINGTON	1004676604	ORCHARD HARDWARE SUPPLY NO 0051	19330 GOLDEN W ST	92648	RCRIS-SQG, FINDS
HUNTINGTON BCH	S103670084	HANUS AUTO BODY	712 YORKTOWN #12 / 13	92648	HAZNET
HUNTINGTON BEACH	S105678193	BOLJA CHICA SITES 1 AND 2 IDS (213	2 -SITES -AT WEST END SEAPOIN		SWF/LF
HUNTINGTON BEACH	S103678620	CHEVRON LAND & DEVELOPMENT	EAST 1ST ST / PCH		HAZNET
HUNTINGTON BEACH	S105030744	LEWIS CLEANERS	204 ADAMS AVE	92648	CLEANERS
HUNTINGTON BEACH	S104582496	BROWNS AUTOMOTIVE	7311 AUTO PK DR	92648	HAZNET
HUNTINGTON BEACH	S104549224	SEABRIDGE VILLAS	N/A BEACH BOULEVARD		CA SLIC
HUNTINGTON BEACH	U003882050	THE PLAZA-HUNTINGTON BEACH	17011 BEACH BLVD 826		UST
HUNTINGTON BEACH	U003785053	WINALL STATION #19 (SHELL)	19472 BEACH BLVD # 19	92648	LUST, UST
HUNTINGTON BEACH	S105696079	ARCO	19971 BEACH	92648	LUST
HUNTINGTON BEACH	S103638448	Q S 1HR PHOTO	19092 BEACH BOULEVARD SUITE S	92648	HAZNET
HUNTINGTON BEACH	S103637757	TEXACO REFINING AND MARKETING INC	18502 BEACH / ELLIS	92648	HAZNET
HUNTINGTON BEACH	S105696078	TEXACO SERVICE STATION	18502 BEACH	92648	HAZNET
HUNTINGTON BEACH	S102361439	CITY OF HUNTINGTON BEACH LANDFILL	BETWEEN GOTHARD AND GOLDENWEST		SWF/LF
HUNTINGTON BEACH	S103678324	CHEVRON LAND DEVELOPMENT COMPANY	BLOCK OF PROMENDE PKWY,SEAGATE		HAZNET
HUNTINGTON BEACH	S105126513	SHELL	16001 BOLSA CHICA/EDINGER	92648	HAZNET
HUNTINGTON BEACH	S103674985	HUNTINGTON BEACH CITY SCHOOL DISTR	8800 BULCREST AVE	92648	HAZNET
HUNTINGTON BEACH	S101126314	CITY OF HUNTINGTON BEACH	MC CALLEN PARK		Orange Co. Industrial Site
HUNTINGTON BEACH	S103442591	CANNERY STREET D	CANNERY / HAMILTON STS		WMUDS/SWAT
HUNTINGTON BEACH	S103967640	HERITAGE COMMUNITIES	CORNER OF MAIN ST / E GARFIE		HAZNET
HUNTINGTON BEACH	U003881966	BEACH MAINTENANCE FACILITY	8669 EDISON AVE	92648	UST
HUNTINGTON BEACH	1003878043	SANDBLAST & METALLIZING	8671 EDISON		CERC-NFRAP
HUNTINGTON BEACH	S103442640	SULLY-MILLER CONSTRUCTION COMP	ELLIS / GOLDENWEST		WMUDS/SWAT
HUNTINGTON BEACH	S105085521	THE ELLIS APARTMENTS	7811 ELLIS AVE APT 1	92648	HAZNET
HUNTINGTON BEACH	S103960862	DIVERSIFIED MOLDS & MOLDING	18392 ENTERPRISE LANE UNIT 3	92648	HAZNET
HUNTINGTON BEACH	S102823914	CUSTOM MERCHANDISING DISPLAYS	118211 ENTERPRISE #A	92648	HAZNET
HUNTINGTON BEACH	S100862252	FLORIDA GARDENS APTS	18832 FLORIDA AVE NO 1	92648	HAZNET
HUNTINGTON BEACH	S103502111	CAL RESOURCES LLC (FORMER SHELL W	2010 W GOLDEN		CA SLIC
HUNTINGTON BEACH	U003804907	OCEAN VIEW MUSHROOM GROWERS	18196 GOLDEN WEST	92648	UST
HUNTINGTON BEACH	U003804551	CHEVRON U S A INC	20031 GOLDEN WEST	92648	UST
HUNTINGTON BEACH	S100925788	1X BUSINESS PROPERTIES	12356 GOLDENWEST		HAZNET
HUNTINGTON BEACH	S104580111	THE PAINT SHOP	18291 GOTHARD ST,STE 102	92648	HAZNET
HUNTINGTON BEACH	S103969625	HYPER-THERM INC	18411 GOTHARD ST UNIT B / C	92648	HAZNET
HUNTINGTON BEACH	S103637630	J K ENGINEERING CO	18411 GOTHARD UNIT B / C	92648	HAZNET
HUNTINGTON BEACH	S103637631	HYPER-THERM INC	18411 GOTHERARD ST UNIT B C	92648	HAZNET
HUNTINGTON BEACH	S104570831	ELDERDING FAMILY TRUST	13117 HUNTING BLVD		HAZNET
HUNTINGTON BEACH	S102803475	COLIJCH & SONS	INTERSECTION OF GOLDENWEST /		HAZNET
HUNTINGTON BEACH	1000287725	AERA PLATFORM ELLY ELLEN COMPLEX	LAT 34 10 47N LO 119 28 05W	92648	RCRIS-LQG
HUNTINGTON BEACH	1000287724	AERA PLATFORM EMMY	LAT 33 39 44N LO 188 02 37N	92648	FINDS, RCRIS-LQG
HUNTINGTON BEACH	1000287723	AERA PLATFORM EUREKA	LAT 33 33 49N LO 118 06 59W	92648	FINDS, RCRIS-LQG
HUNTINGTON BEACH	S105696092	VACANT AREA	301 MAIN	92648	LUST
HUNTINGTON BEACH	S105696091	ABC PROPERTIES	122 MAIN	92648	LUST
HUNTINGTON BEACH	S105030792	SEACLIFF VILLAZE CLEANERS	19431 MAIN ST STE 102	92648	CLEANERS

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HUNTINGTON BEACH	S104581087	PIERSIDE DENTISTRY	501 MAIN ST STE A	92648	HAZNET
HUNTINGTON BEACH	S103967115	HALL PHOTOGRAPHY	2223 MAIN STREET STE 40	92648	HAZNET
HUNTINGTON BEACH	1000434389	CHEVRON CHEM CO	2223 44 MAIN ST	92648	RCRIS-SQG, FINDS
HUNTINGTON BEACH	S103866792	HOME SAVINGS OF AMERICA	6107 MIDDLETON ST		HAZNET
HUNTINGTON BEACH	S104581112	DANIEL JAFFE DDS	305 ORANGE AVE STE C	92648	HAZNET
HUNTINGTON BEACH	S102435995	ROGER'S CABLE COMPANY (FORMER)	PACIFIC COAST HWY	92648	LUST
HUNTINGTON BEACH	S103955934	CHEVRON LAND & DEVELOPMENT CO	PARCEL #63-562	92648	HAZNET
HUNTINGTON BEACH	S103958987	CITY OF HUNTINGTON BEACH	POLICE HELIPORT	92648	HAZNET
HUNTINGTON BEACH	U003879870	RELIABLE WHOLESAL LUMBER INC	7600 REDONDO CIR	92648	UST
HUNTINGTON BEACH	S104583186	SPECIALIZED AUTO	18101 REDONDO CIRCLE STE M	92648	HAZNET
HUNTINGTON BEACH	S103637145	CUSTOM PAINTING & RESTOR BY GO	18081 REDONDO CIRCLE UNIT D	92648	HAZNET
HUNTINGTON BEACH	S105093425	SPEED GARAGE	7880 TALBERT UNIT G	92648	HAZNET
HUNTINGTON BEACH	S105089514	ZINK ENGINEERING INC	7602 TALBERT UNIT 15	92648	HAZNET
HUNTINGTON BEACH	S103671764	TORACK INC RESTORATION AND COLLISI	7680 TALBERT AVE STE C	92648	HAZNET
HUNTINGTON BEACH	U001577347	WARNER FIRE STATION	3031 WARNER AVENUE	92648	HIST UST
HUNTINGTON BEACH	S103647750	CHEVRON LAND DEVELOPMENT COMPANY	264 FT WEST HOLLY ST / 73 FT	92648	HAZNET
WESTMINSTER	S103640178	HOME SAVINGS OF AMERICA	202 HOSPITAL CIRCLE DRIVE	92648	HAZNET

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: 10/24/02
Date Made Active at EDR: 12/09/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 02/04/03

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: 214-655-8659

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: 10/24/02
Date Made Active at EDR: 12/09/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 02/04/03

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: 12/13/02
Date Made Active at EDR: 01/15/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/26/02
Elapsed ASTM days: 20
Date of Last EDR Contact: 12/26/02

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: 12/13/02
Date Made Active at EDR: 01/15/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/26/02
Elapsed ASTM days: 20
Date of Last EDR Contact: 12/26/02

CORRACTS: Corrective Action Report

Source: EPA
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/29/02
Date Made Active at EDR: 12/26/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/15/02
Elapsed ASTM days: 72
Date of Last EDR Contact: 12/09/02

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS
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).

Date of Government Version: 09/09/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02
Elapsed ASTM days: 34
Date of Last EDR Contact: 12/26/02

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: 12/31/01
Date Made Active at EDR: 07/15/02
Database Release Frequency: Annually

Date of Data Arrival at EDR: 07/02/02
Elapsed ASTM days: 13
Date of Last EDR Contact: 01/27/03

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: 12/17/02
Date of Next Scheduled EDR Contact: 03/17/03

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

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/21/01
Database Release Frequency: Annually

Date of Last EDR Contact: 01/07/03
Date of Next Scheduled EDR Contact: 04/07/03

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: 10/18/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/03
Date of Next Scheduled EDR Contact: 05/05/03

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: 10/10/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/06/03
Date of Next Scheduled EDR Contact: 04/07/03

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: 07/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 01/23/03
Date of Next Scheduled EDR Contact: 04/21/03

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: 10/21/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/06/03
Date of Next Scheduled EDR Contact: 04/07/03

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 09/10/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/03/03
Date of Next Scheduled EDR Contact: 03/31/03

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: 11/25/02
Date of Next Scheduled EDR Contact: 02/24/03

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: 09/20/02
Database Release Frequency: Annually

Date of Last EDR Contact: 02/10/03
Date of Next Scheduled EDR Contact: 05/12/03

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: 12/10/02
Date of Next Scheduled EDR Contact: 03/10/03

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: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 12/26/02
Date of Next Scheduled EDR Contact: 03/24/03

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: 12/10/02
Date of Next Scheduled EDR Contact: 03/10/03

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: 10/24/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/02
Date of Next Scheduled EDR Contact: 03/24/03

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: 01/21/03
Date of Next Scheduled EDR Contact: 04/21/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/24/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/02
Date of Next Scheduled EDR Contact: 03/24/03

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: 01/06/03
Date Made Active at EDR: 01/28/03
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/06/03
Elapsed ASTM days: 22
Date of Last EDR Contact: 01/06/03

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: 11/21/02
Date Made Active at EDR: 01/15/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/09/02
Elapsed ASTM days: 37
Date of Last EDR Contact: 12/09/02

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: 12/31/01
Date Made Active at EDR: 01/15/03
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 12/02/02
Elapsed ASTM days: 44
Date of Last EDR Contact: 11/25/02

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).

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: 01/31/03

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/20/03

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: 02/03/03

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: 12/16/02
Date Made Active at EDR: 01/15/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/17/02
Elapsed ASTM days: 29
Date of Last EDR Contact: 12/17/02

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: 12/10/02

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: 01/06/03
Date Made Active at EDR: 02/04/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/08/03
Elapsed ASTM days: 27
Date of Last EDR Contact: 01/08/03

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/06/03

Date Made Active at EDR: 01/28/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 01/08/03

Elapsed ASTM days: 20

Date of Last EDR Contact: 01/08/03

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: 12/30/02

Date Made Active at EDR: 01/28/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/06/03

Elapsed ASTM days: 22

Date of Last EDR Contact: 01/06/03

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

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: 11/20/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/03/03

Date of Next Scheduled EDR Contact: 05/05/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 laundriers; laundry and garment services.

Date of Government Version: 03/18/02
Database Release Frequency: Annually

Date of Last EDR Contact: 01/10/03
Date of Next Scheduled EDR Contact: 04/07/03

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: 12/23/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/02
Date of Next Scheduled EDR Contact: 03/24/03

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

Date of Last EDR Contact: 01/06/03
Date of Next Scheduled EDR Contact: 04/07/03

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: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 02/10/03
Date of Next Scheduled EDR Contact: 05/12/03

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: 12/02/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/27/03
Date of Next Scheduled EDR Contact: 04/28/03

Underground Tanks

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

Date of Government Version: 11/26/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/27/03
Date of Next Scheduled EDR Contact: 04/28/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Date of Government Version: 06/05/02

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/02/02

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

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: 01/24/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/24/03

Date of Next Scheduled EDR Contact: 05/12/03

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: 06/01/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/02/02

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

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Source: La County Department of Public Works

Telephone: 818-458-5185

Date of Government Version: 10/28/02

Database Release Frequency: Varies

Date of Last EDR Contact: 11/21/02

Date of Next Scheduled EDR Contact: 02/17/03

City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department

Telephone: 310-607-2239

Date of Government Version: 11/01/02

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/18/02

Date of Next Scheduled EDR Contact: 02/17/03

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: 11/25/02

Date of Next Scheduled EDR Contact: 02/24/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank

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

Date of Government Version: 08/01/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/18/02
Date of Next Scheduled EDR Contact: 02/17/03

City of Los Angeles Landfills

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

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

Date of Last EDR Contact: 12/17/02
Date of Next Scheduled EDR Contact: 03/17/03

HMS: Street Number List

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

Date of Government Version: 11/27/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/18/02
Date of Next Scheduled EDR Contact: 02/17/03

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: 02/28/02
Database Release Frequency: Annually

Date of Last EDR Contact: 11/18/02
Date of Next Scheduled EDR Contact: 02/17/03

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: 06/29/99
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: 08/06/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/03/03
Date of Next Scheduled EDR Contact: 05/05/03

NAPA COUNTY:

Sites With Reported Contamination

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

Date of Government Version: 09/30/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/30/02
Date of Next Scheduled EDR Contact: 03/31/03

Closed and Operating Underground Storage Tank Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/02
Database Release Frequency: Annually

Date of Last EDR Contact: 12/30/02
Date of Next Scheduled EDR Contact: 03/31/03

ORANGE COUNTY:

List of Underground Storage Tank Cleanups

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

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

Date of Last EDR Contact: 12/09/02
Date of Next Scheduled EDR Contact: 03/10/03

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: 11/27/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/09/02
Date of Next Scheduled EDR Contact: 03/10/03

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: 12/09/02
Date of Next Scheduled EDR Contact: 03/10/03

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: 02/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/26/02
Date of Next Scheduled EDR Contact: 03/24/03

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: 09/26/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/20/03
Date of Next Scheduled EDR Contact: 04/21/03

Underground Storage Tank Tank List

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

Date of Government Version: 09/04/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/20/03
Date of Next Scheduled EDR Contact: 04/21/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SACRAMENTO COUNTY:

CS - Contaminated Sites

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

Date of Government Version: 10/25/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/03/03
Date of Next Scheduled EDR Contact: 05/05/03

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.

Date of Government Version: 11/05/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/03/03
Date of Next Scheduled EDR Contact: 05/05/03

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: 01/16/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/30/02
Date of Next Scheduled EDR Contact: 03/10/03

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: 11/25/02
Date of Next Scheduled EDR Contact: 02/24/03

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: 01/09/03
Date of Next Scheduled EDR Contact: 04/07/03

SAN FRANCISCO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Oversight Facilities

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

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

Date of Last EDR Contact: 12/09/02
Date of Next Scheduled EDR Contact: 03/10/03

Underground Storage Tank Information

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

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

Date of Last EDR Contact: 12/09/02
Date of Next Scheduled EDR Contact: 03/10/03

SAN MATEO COUNTY:

Fuel Leak List

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

Date of Government Version: 10/28/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/27/03
Date of Next Scheduled EDR Contact: 04/28/03

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: 05/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 01/13/03
Date of Next Scheduled EDR Contact: 04/14/03

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

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

Date of Government Version: 01/08/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/30/02
Date of Next Scheduled EDR Contact: 03/31/03

Hazardous Material Facilities

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

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

Date of Last EDR Contact: 12/09/02
Date of Next Scheduled EDR Contact: 03/10/03

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: 12/16/02
Date of Next Scheduled EDR Contact: 03/17/03

Underground Storage Tanks

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Last EDR Contact: 12/16/02
Date of Next Scheduled EDR Contact: 03/17/03

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

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

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

Date of Last EDR Contact: 01/27/03
Date of Next Scheduled EDR Contact: 04/28/03

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: 01/06/03
Date of Next Scheduled EDR Contact: 04/07/03

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: 01/13/03
Date of Next Scheduled EDR Contact: 04/14/03

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: 09/04/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/17/02
Date of Next Scheduled EDR Contact: 03/17/03

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: 10/21/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/31/03
Date of Next Scheduled EDR Contact: 04/14/03

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: 09/13/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/17/02
Date of Next Scheduled EDR Contact: 03/17/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

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

Date of Government Version: 10/28/02
Database Release Frequency: Annually

Date of Last EDR Contact: 01/20/03
Date of Next Scheduled EDR Contact: 04/21/03

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: 11/25/02
Date of Next Scheduled EDR Contact: 02/24/03

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: 10/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/13/03
Date of Next Scheduled EDR Contact: 04/14/03

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: 11/18/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/18/02
Date of Next Scheduled EDR Contact: 02/17/03

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: 12/30/02
Date of Next Scheduled EDR Contact: 03/31/03

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: 10/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/06/03
Date of Next Scheduled EDR Contact: 04/07/03

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

Date of Last EDR Contact: 01/06/03
Date of Next Scheduled EDR Contact: 04/07/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/24/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/06/03
Date of Next Scheduled EDR Contact: 04/07/03

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

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

Date of Last EDR Contact: 12/30/02
Date of Next Scheduled EDR Contact: 03/31/03

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: 12/02/02
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/10/03
Date of Next Scheduled EDR Contact: 05/12/03

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: 01/20/03
Date of Next Scheduled EDR Contact: 04/21/03

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: 02/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/25/02
Date of Next Scheduled EDR Contact: 02/24/03

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: 10/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/13/03
Date of Next Scheduled EDR Contact: 04/13/03

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: 11/18/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/18/02
Date of Next Scheduled EDR Contact: 02/17/03

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/27/03
Date of Next Scheduled EDR Contact: 04/28/03

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.

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

Date of Last EDR Contact: 01/06/03
Date of Next Scheduled EDR Contact: 04/07/03

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: 07/19/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/06/03
Date of Next Scheduled EDR Contact: 04/07/03

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: 06/01/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/06/03
Date of Next Scheduled EDR Contact: 04/07/03

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: 03/01/02
Database Release Frequency: Annually

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

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.

Date of Government Version: 12/30/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/06/03
Date of Next Scheduled EDR Contact: 04/07/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines/Electrical Transmission Lines: 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 and electrical transmission lines.

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.

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.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®]- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

HUNTINGTON BEACH-PACIFIC CITY
21002 PACIFIC COAST HWY
HUNTINGTON BEACH, CA 92648

TARGET PROPERTY COORDINATES

Latitude (North):	33.655502 - 33° 39' 19.8"
Longitude (West):	117.996773 - 117° 59' 48.4"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	407576.1
UTM Y (Meters):	3724212.2

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.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2433117-F8 NEWPORT BEACH (DIGITAL), CA
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General SSE

Source: General Topographic Gradient has been determined from the USGS 1 Degree 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.

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> ORANGE, CA	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	06059C0045E
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> COSTA MESA	NWI Electronic <u>Data Coverage</u> YES - refer to the Overview Map and Detail Map
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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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
 Status: Not found

AQUIFLOW®

Search Radius: 2.000 Miles.

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>
A2	1/4 - 1/2 Mile WNW	NE
A3	1/4 - 1/2 Mile WNW	W
B6	1 - 2 Miles NNE	Not Reported
B7	1 - 2 Miles NNE	Not Reported
B8	1 - 2 Miles NNE	Not Reported
B9	1 - 2 Miles NNE	NE
B10	1 - 2 Miles NNE	NE
C11	1 - 2 Miles East	NNW
C12	1 - 2 Miles ESE	Not Reported
13	1 - 2 Miles East	SW
D14	1 - 2 Miles NE	Not Reported
D15	1 - 2 Miles NE	Not Reported
D16	1 - 2 Miles NE	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

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

Category: Stratified Sequence

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

* ©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

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: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

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

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

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	6 inches	variable	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: sandy loam
 gravelly - sandy loam
 silt loam
 clay
 sand
 gravelly - sand
 fine sandy loam
 fine sand

Surficial Soil Types: sandy loam
 gravelly - sandy loam
 silt loam
 clay
 sand
 gravelly - sand
 fine sandy loam
 fine sand

Shallow Soil Types: fine sandy loam
 gravelly - loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

sandy clay
sandy clay loam
clay
sand
silty clay

Deeper Soil Types: gravelly - sandy loam
sandy loam
stratified
very gravelly - sandy loam
weathered bedrock
silty clay loam
gravelly - fine sandy loam
clay loam
sand
very fine sandy loam

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>
1	CA3000820	1/4 - 1/2 Mile NNW

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

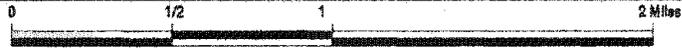
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
4	6124	1/4 - 1/2 Mile SSW
5	6347	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 930624.1s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Cluster of Multiple Icons

- Earthquake epicenter, Richter 5 or greater
- Closest Hydrogeological Data
- Oil, gas or related wells



TARGET PROPERTY: Huntington Beach-Pacific City
ADDRESS: 21002 Pacific Coast Hwy
CITY/STATE/ZIP: Huntington Beach CA 92648
LAT/LONG: 33.6555 / 117.9968

CUSTOMER: EIP Associates
CONTACT: Kelsey Bennett
INQUIRY #: 930624.1s
DATE: February 21, 2003 5:26 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
 NNW FRDS PWS CA3000820
 1/4 - 1/2 Mile
 Higher

PWS ID: CA3000820 PWS Status: Active
 Date Initiated: 8404 Date Deactivated: Not Reported
 PWS Name: OLD PIRATE LANE WATER CO
 OLD PIRATE LANE WATER CO
 5451 OLD PIRATE LN
 HUNTINGTON BEACH, CA 92649

Addressee / Facility: System Owner/Responsible Party
 OLD PIRATE LANE WATER CO
 5451 OLD PIRATE LANE
 HUNTINGTON BEACH, CA 92649

Facility Latitude: 33 39 37 Facility Longitude: 117 59 53
 City Served: Not Reported
 Treatment Class: Untreated Population: 00000059

PWS currently has or had major violation(s) or enforcement: Yes

Violations information not reported.

ENFORCEMENT INFORMATION:

System Name: OLD PIRATE LANE WATER CO
 Violation Type: Initial Tap Sampling for Pb and Cu
 Contaminant: LEAD & COPPER RULE
 Compliance Period: 1993-07-01 - 2015-12-31 Analytical Value: 0000000.000000000
 Violation ID: 95V0001 Enforcement ID: Not Reported
 Enforcement Date: Not Reported Enf. Action: Not Reported

System Name: OLD PIRATE LANE WATER CO
 Violation Type: Initial Tap Sampling for Pb and Cu
 Contaminant: LEAD & COPPER RULE
 Compliance Period: 1993-07-01 - 2015-12-31 Analytical Value: 0000000.000000000
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 Violation ID: 95V0001 Enforcement ID: Not Reported
 Enforcement Date: Not Reported Enf. Action: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	OLD PIRATE LANE WATER CO	Analytical Value:	0000000.000000000
Violation Type:	Initial Tap Sampling for Pb and Cu	Enforcement ID:	Not Reported
Contaminant:	LEAD & COPPER RULE	Enf. Action:	Not Reported
Compliance Period:	1993-07-01 - 2015-12-31		
Violation ID:	95V0001		
Enforcement Date:	Not Reported		

A2 WNW 1/4 - 1/2 Mile Higher	Site ID:	083001792T		
	Groundwater Flow:	NE	AQUIFLOW	50970
	Shallow Water Depth:	25 ft		
	Deep Water Depth:	27 ft		
	Average Water Depth:	Not Reported		
	Date:	06/27/1997		

A3 WNW 1/4 - 1/2 Mile Higher	Site ID:	083000557T		
	Groundwater Flow:	W	AQUIFLOW	65324
	Shallow Water Depth:	25		
	Deep Water Depth:	30		
	Average Water Depth:	Not Reported		
	Date:	09/15/1997		

4 SSW 1/4 - 1/2 Mile Higher			CA WELLS	6124
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Water System Information:

Prime Station Code:	05S/09W-09J02 S	User ID:	TEE
FRDS Number:	3010046002	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	333900.0 1180000.0	Precision:	1 Mile (One Minute)
Source Name:	BENETA		
System Number:	3010046		
System Name:	CITY OF TUSTIN		
Organization That Operates System:	P.O. BOX 466 TUSTIN, CA 92680		
Pop Served:	52100	Connections:	13628
Area Served:	TUSTIN		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	08/15/1989	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/15/1989	Findings:	130.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/15/1989	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/15/1989	Findings:	162.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/15/1989	Findings:	162.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/15/1989	Findings:	378.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/15/1989	Findings:	110.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/15/1989	Findings:	25.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/15/1989	Findings:	78.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/15/1989	Findings:	2.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/15/1989	Findings:	145.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/15/1989	Findings:	.230 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/15/1989	Findings:	138.000 UG/L
Chemical:	BARIUM		
Sample Collected:	08/15/1989	Findings:	778.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/15/1989	Findings:	44.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/20/1990	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/20/1990	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/06/1992	Findings:	21.300 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/06/1992	Findings:	8.000 UNITS
Chemical:	COLOR		
Sample Collected:	02/06/1992	Findings:	1010.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/06/1992	Findings:	7.300
Chemical:	FIELD PH		
Sample Collected:	02/06/1992	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	02/06/1992	Findings:	181.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/06/1992	Findings:	181.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/06/1992	Findings:	391.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/06/1992	Findings:	112.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/06/1992	Findings:	27.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/06/1992	Findings:	59.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/06/1992	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/06/1992	Findings:	123.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/06/1992	Findings:	.220 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/06/1992	Findings:	1.100 UG/L
Chemical:	CADMIUM		
Sample Collected:	02/06/1992	Findings:	170.000 UG/L
Chemical:	IRON		
Sample Collected:	02/06/1992	Findings:	.020 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	02/06/1992	Findings:	694.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/06/1992	Findings:	39.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1992	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/14/1993	Findings:	55.780 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/14/1993	Findings:	2.030 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/14/1993	Findings:	1.270 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/22/1993	Findings:	61.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/20/1993	Findings:	66.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/20/1993	Findings:	2.030 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/20/1993	Findings:	1.270 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/25/1994	Findings:	2.030 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/25/1994	Findings:	1.270 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/12/1994	Findings:	55.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/12/1994	Findings:	12600.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	04/12/1994	Findings:	2.030 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/12/1994	Findings:	1.270 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/26/1994	Findings:	63.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/26/1994	Findings:	14400.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/16/1994	Findings:	46.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/16/1994	Findings:	10400.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/26/1995	Findings:	1180.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/26/1995	Findings:	191.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/26/1995	Findings:	233.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/26/1995	Findings:	475.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	01/26/1995	Findings:	142.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/26/1995	Findings:	59.600 MG/L
Chemical:	SODIUM		
Sample Collected:	01/26/1995	Findings:	148.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/26/1995	Findings:	.180 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/26/1995	Findings:	710.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/26/1995	Findings:	42.600 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/26/1995	Findings:	9630.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/24/1996	Findings:	1180.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/24/1996	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	07/24/1996	Findings:	182.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/24/1996	Findings:	222.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/24/1996	Findings:	440.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	07/24/1996	Findings:	130.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/24/1996	Findings:	136.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/24/1996	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/24/1996	Findings:	11.000 UG/L
Chemical:	SELENIUM		
Sample Collected:	07/24/1996	Findings:	734.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/24/1996	Findings:	48.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/24/1996	Findings:	10900.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/29/1996	Findings:	54.440 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/29/1997	Findings:	54.520 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	04/29/1997	Findings:	47.670 MG/L
Chemical:	NITRATE (AS NO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

5
 NNW
 1/2 - 1 Mile
 Higher

CA WELLS 6347

Water System Information:

Prime Station Code:	05S/11W-23F02 S	User ID:	TEE
FRDS Number:	3010053010	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	334000.0 1180000.0	Precision:	1 Mile (One Minute)
Source Name:	WELL 06		
System Number:	3010053		
System Name:	City of Huntington Beach		
Organization That Operates System:	PO BOX 190 HUNTINGTON BEACH, CA 92648		
Pop Served:	192000	Connections:	49209
Area Served:	HUNTINGTON BEACH		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	07/02/1987	Findings:	403.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/02/1987	Findings:	8.070
Chemical:	PH (LABORATORY)		
Sample Collected:	07/02/1987	Findings:	152.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/02/1987	Findings:	186.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/02/1987	Findings:	115.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/02/1987	Findings:	37.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/02/1987	Findings:	5.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/02/1987	Findings:	49.600 MG/L
Chemical:	SODIUM		
Sample Collected:	07/02/1987	Findings:	2.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/02/1987	Findings:	16.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/02/1987	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/02/1987	Findings:	272.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/02/1987	Findings:	.390 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/06/1989	Findings:	598.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/06/1989	Findings:	7.780
Chemical:	PH (LABORATORY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/06/1989	Findings:	183.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/06/1989	Findings:	223.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/06/1989	Findings:	245.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	07/06/1989	Findings:	79.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/06/1989	Findings:	12.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/06/1989	Findings:	39.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/08/1989	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/06/1989	Findings:	35.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/06/1989	Findings:	.380 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/06/1989	Findings:	398.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/06/1989	Findings:	2.600 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/06/1989	Findings:	.180 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/08/1989	Findings:	465.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/08/1989	Findings:	8.100
Chemical:	PH (LABORATORY)		
Sample Collected:	08/08/1989	Findings:	144.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/08/1989	Findings:	144.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/08/1989	Findings:	125.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/08/1989	Findings:	40.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/08/1989	Findings:	6.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/08/1989	Findings:	52.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/08/1989	Findings:	2.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/08/1989	Findings:	24.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/08/1989	Findings:	.530 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/08/1989	Findings:	21.000 UG/L
Chemical:	ARSENIC		
Sample Collected:	08/08/1989	Findings:	284.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/08/1989	Findings:	400 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/22/1989	Findings:	4.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/22/1989	Findings:	.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/02/1989	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/02/1989	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/04/1990	Findings:	3.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/04/1990	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/10/1990	Findings:	5.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	04/10/1990	Findings:	4.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/10/1990	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/10/1990	Findings:	5.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	07/31/1990	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/31/1990	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/31/1990	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	04/11/1991	Findings:	530.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/11/1991	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	04/11/1991	Findings:	176.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	04/11/1991	Findings:	176.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/11/1991	Findings:	189.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	04/11/1991	Findings:	64.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/11/1991	Findings:	7.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/11/1991	Findings:	35.000 MG/L
Chemical:	SODIUM		
Sample Collected:	04/11/1991	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/11/1991	Findings:	39.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/11/1991	Findings:	.460 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/11/1991	Findings:	.100 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	04/11/1991	Findings:	356.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/11/1991	Findings:	3.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/11/1991	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/01/1992	Findings:	494.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/01/1992	Findings:	7.720
Chemical:	PH (LABORATORY)		
Sample Collected:	07/01/1992	Findings:	158.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/01/1992	Findings:	192.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/01/1992	Findings:	148.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/01/1992	Findings:	49.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/01/1992	Findings:	6.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/01/1992	Findings:	47.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/01/1992	Findings:	2.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/01/1992	Findings:	21.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/01/1992	Findings:	.450 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/01/1992	Findings:	293.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/01/1992	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/01/1993	Findings:	475.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/01/1993	Findings:	7.780
Chemical:	PH (LABORATORY)		
Sample Collected:	07/01/1993	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/01/1993	Findings:	195.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/01/1993	Findings:	160.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/01/1993	Findings:	52.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/01/1993	Findings:	7.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/01/1993	Findings:	47.000 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/01/1993	Findings:	1.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/01/1993	Findings:	43.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/01/1993	Findings:	.450 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/01/1993	Findings:	266.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/01/1993	Findings:	.020 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/21/1993	Findings:	5.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/21/1993	Findings:	1.630 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/21/1993	Findings:	5.410 PCI/L
Chemical:	URANIUM		
Sample Collected:	07/21/1993	Findings:	.230 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	09/23/1993	Findings:	2.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/01/1993	Findings:	5.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/01/1993	Findings:	1.630 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/01/1993	Findings:	5.410 PCI/L
Chemical:	URANIUM		
Sample Collected:	10/01/1993	Findings:	.230 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	01/19/1994	Findings:	5.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/19/1994	Findings:	1.630 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/19/1994	Findings:	5.410 PCI/L
Chemical:	URANIUM		
Sample Collected:	01/19/1994	Findings:	.230 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	04/26/1994	Findings:	450.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	04/26/1994	Findings:	5.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/26/1994	Findings:	1.630 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/26/1994	Findings:	5.410 PCI/L
Chemical:	URANIUM		
Sample Collected:	04/26/1994	Findings:	.230 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	07/19/1994	Findings:	430.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/03/1996	Findings:	491.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/03/1996	Findings:	8.100
Chemical:	PH (LABORATORY)		
Sample Collected:	01/03/1996	Findings:	149.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	01/03/1996	Findings:	182.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/03/1996	Findings:	132.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	01/03/1996	Findings:	49.700 MG/L
Chemical:	SODIUM		
Sample Collected:	01/03/1996	Findings:	.380 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/03/1996	Findings:	298.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/24/1996	Findings:	488.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/24/1996	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	01/24/1996	Findings:	153.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	01/24/1996	Findings:	121.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	01/24/1996	Findings:	39.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/24/1996	Findings:	5.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/24/1996	Findings:	48.000 MG/L
Chemical:	SODIUM		
Sample Collected:	01/24/1996	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/24/1996	Findings:	25.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/24/1996	Findings:	298.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/23/1997	Findings:	2.530 MG/L
Chemical:	NITRATE (AS NO ₃)		

B6 NNE 1 - 2 Miles Higher	Site ID:	083000264T		
	Groundwater Flow:	Not Reported	AQUIFLOW	54846
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	11.5		
	Date:	02/10/1987		

B7 NNE 1 - 2 Miles Higher	Site ID:	083001931T		
	Groundwater Flow:	Not Reported	AQUIFLOW	39001
	Shallow Water Depth:	11		
	Deep Water Depth:	24		
	Average Water Depth:	Not Reported		
	Date:	03/07/1997		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
B8 NNE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001931T Not Reported 11 24 Not Reported 03/07/1997	AQUIFLOW	39002
B9 NNE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002370T NE Not Reported Not Reported 15.36 08/14/1995	AQUIFLOW	51967
B10 NNE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002370T NE Not Reported Not Reported 15.36 08/14/1995	AQUIFLOW	51968
C11 East 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000990T NNW Not Reported Not Reported 8 09/23/1988	AQUIFLOW	38933
C12 ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001698T Not Reported 5.5 9 Not Reported 04/04/1994	AQUIFLOW	54993
13 East 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002152T SW 5.5 11 Not Reported 12/12/1994	AQUIFLOW	51944
D14 NE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000449T Not Reported Not Reported Not Reported 5-12 06/18/1999	AQUIFLOW	50977

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D15
NE
1 - 2 Miles
Higher

Site ID: 083000657T
Groundwater Flow: Not Reported
Shallow Water Depth: 6
Deep Water Depth: 8
Average Water Depth: Not Reported
Date: 07/01/1996

AQUIFLOW 38998

D16
NE
1 - 2 Miles
Higher

Site ID: 083000657T
Groundwater Flow: Not Reported
Shallow Water Depth: 6
Deep Water Depth: 8
Average Water Depth: Not Reported
Date: 07/01/1996

AQUIFLOW 38997

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for ORANGE County: 3

- 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 ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.763 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

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[®] 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

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: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. 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 more than 900,000 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: 303-202-4210

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: 202-564-9370

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

OTHER

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.