6700 Warner Ave

6700 Warner Ave Huntington Beach, CA 92647

Inquiry Number: 4761474.1s

October 24, 2016

Provided by Customer Solutions Group

# The EDR Neighborhood Environmental Report™



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

## **EDR Neighborhood Environmental Report**<sup>™</sup>

October 24, 2016

Property Information:

6700 WARNER AVE 6700 WARNER AVE HUNTINGTON BEACH, CA 92647



## **Neighborhood Summary**

## **ENVIRONMENTAL RECORDS WITHIN 300 FEET: Good News!**

This report found no environmental records within 300 feet of the property located at 6700 WARNER AVE. Additional information is located in Section A.

#### **ENVIRONMENTAL RECORDS BEYOND 300 FEET**

The report found 13 environmental records beyond 300 feet of the property. For additional information, see Section B.

## **About This Report**

This report has been compiled by Environmental Data Resources, Inc. (EDR). EDR is the leading national provider of environmental risk information to environmental and home inspection professionals. This report compares the property address against selected government databases of known and potential contamination sites. This report provides no information on the status of the interior structures on the property such as, but not limited to, the existence of mold, asbestos, lead, radon, vapor intrusion or other issues.

For your convenience, this report is organized into the following sections:

**Section A** provides information about records of known and potential environmental records within a 300 foot radius of the street address provided.

**Section B** provides information about records of known and potential environmental issues beyond 300 feet of the street address provided. The selected databases are searched to distances most commonly used by environmental professionals.

**Section C** provides information about records that lack sufficient address information for sites to be accurately located. Records where EDR can identify the site status as "closed" or "no further action" are not included in this section.

**Section D** provides descriptions and explanations of the databases used, and contact information for government agencies. If you have concerns about the findings in this report, we recommend that you contact the relevant government agency that can provide additional information about specific environmental issues.



#### **ENVIRONMENTAL RECORDS WITHIN 300 FEET**

Sites with **Known** Contamination Within 300 Feet: No Records Found
Sites are tracked by the government in a variety of databases. Database descriptions can be found in Section D of this report.

- No Leaking Underground Tanks were identified.
- No Landfills were identified.
- No EPA Final Superfund Sites were identified.
- No Superfund Enterprise Mgmt System (SEMS) Sites were identified.
- ✓ No Hazardous Waste Treatment Storage and Disposal Sites were identified.
- No Confirmed Hazardous Substance Releases (ENVIROSTOR) were identified.
- ✓ No Spills, Leaks, Investigations or Cleanups (SLIC) were identified.
- No Emergency Response Notification Sites were identified.

Sites with **Potential** Contamination Within 300 Feet: No Records Found
Sites are tracked by the government in a variety of databases. Database descriptions can be found in Section D of this report.

- No Clandestine Drug Lab Sites from Federal Sources were identified.
- No Clandestine Drug Lab Sites from State Sources were identified.
- ✓ No CDC Environmental Health Assessments were identified.
- No Active Department of Defense Sites were identified.
- No Former Department of Defense Sites were identified.
- No Manufactured Gas Plants were identified.
- No Radioactive Material Activity Sites were identified.



#### **ENVIRONMENTAL RECORDS BEYOND 300 FEET**

Sites with **Known** Contamination Beyond 300 Feet: 13 Records Found
Sites are tracked by the government in a variety of databases. Database descriptions can be found in Section D of this report.

- 9 Leaking Underground Tanks were identified beyond 300 feet and within 1/2 mile.
- ✓ No Landfills were identified beyond 300 feet and within 1/2 mile.
- ✓ No EPA Final Superfund Sites were identified beyond 300 feet and within 1 mile.
- ✓ No Superfund Enterprise Mgmt System (SEMS) Sites were identified beyond 300 feet and within 1/2 mile.
- ✓ No Hazardous Waste Treatment Storage and Disposal Sites were identified beyond 300 feet and within 1/2 mile.
- √ 4 Confirmed Hazardous Substance Releases (ENVIROSTOR) were identified beyond 300 feet and within 1 mile.
- ✓ No Spills, Leaks, Investigations or Cleanups (SLIC) were identified beyond 300 feet and within 1/2 mile.

Sites with **Potential** Contamination Beyond 300 Feet: No Records Found
Sites are tracked by the government in a variety of databases. Database descriptions can be found in Section D of this report.

- ✓ No Clandestine Drug Lab Sites from Federal Sources were identified beyond 300 feet and within 1/8 mile.
- ✓ No Clandestine Drug Lab Sites from State Sources were identified beyond 300 feet and within 1/8 mile.
- ✓ No CDC Environmental Health Assessments were identified beyond 300 feet and within 1/4 mile.
- ✓ No Active Department of Defense Sites were identified beyond 300 feet and within 1/4 mile.
- ✓ No Former Department of Defense Sites were identified beyond 300 feet and within 1/4 mile.
- ✓ No Manufactured Gas Plants were identified beyond 300 feet and within 1/4 mile.
- ✓ No Radioactive Material Activity Sites were identified beyond 300 feet and within 1/4 mile.



## **DETAIL: SITES WITH KNOWN CONTAMINATION BEYOND 300 FEET**

Sites with **Known** Contamination are tracked by the government in a variety of databases. Database descriptions can be found in Section D of this report.

9 Leaking Underground Tanks were identified beyond 300 feet and within 1/2 mile.

Leaking Underground Tanks can leak petroleum into the ground. These chemicals can migrate underground to groundwater or other pathways to human contact.

| Location   |                      | Distance from Property | EDR ID#                |
|--|----------------------|------------------------|------------------------|
| U S POST OFFICE  | 6771 WARNER          | 0.1 mile NE            | S101588930             |
| U S POST OFFICEStatus: Completed - Case Closed   | 6771 WARNER AVE      | 0.1 mile NE            | U003433581             |
| STANDARD BRAND PAINTSStatus: Completed - Case Closed                                   | 6800 WARNER AVE      | 0.1 mile NE            | <sub></sub> U001577294 |
| CHEVRON #9-4887.<br>Status: Completed - Case Closed<br>Status: Completed - Case Closed | 6972 WARNER AVE      | 0.3 mile ENE           | U001559339             |
| G&M OIL CO.  | 6972 WARNER AVE      | 0.3 mile ENE           | U003920416             |
| UNOCAL #5194 (AKA 76/TOSCO#5663)<br>Status: Open - Remediation                         | 16971 GOLDENWEST     | 0.3 mile ENE           | S103956505             |
| UNOCAL #5194.  | 16971 GOLDEN WEST ST | 0.3 mile ENE           | U002096415             |
| SHELL #16972   | 16972 GOLDEN WEST ST | 0.4 mile ENE           | S104791837             |
| SHELL #16972 Status: Completed - Case Closed Status: Completed - Case Closed           | 16972 GOLDEN WEST ST | 0.4 mile ENE           | S103635331             |



4 Confirmed Hazardous Substance Releases (ENVIROSTOR) were identified beyond 300 feet and within 1 mile.

Confirmed Hazardous Substance Release contains information on properties in California where hazardous substances have been released, or where the potential for a release exists. These sites may potentially have lasting environmental consequences.

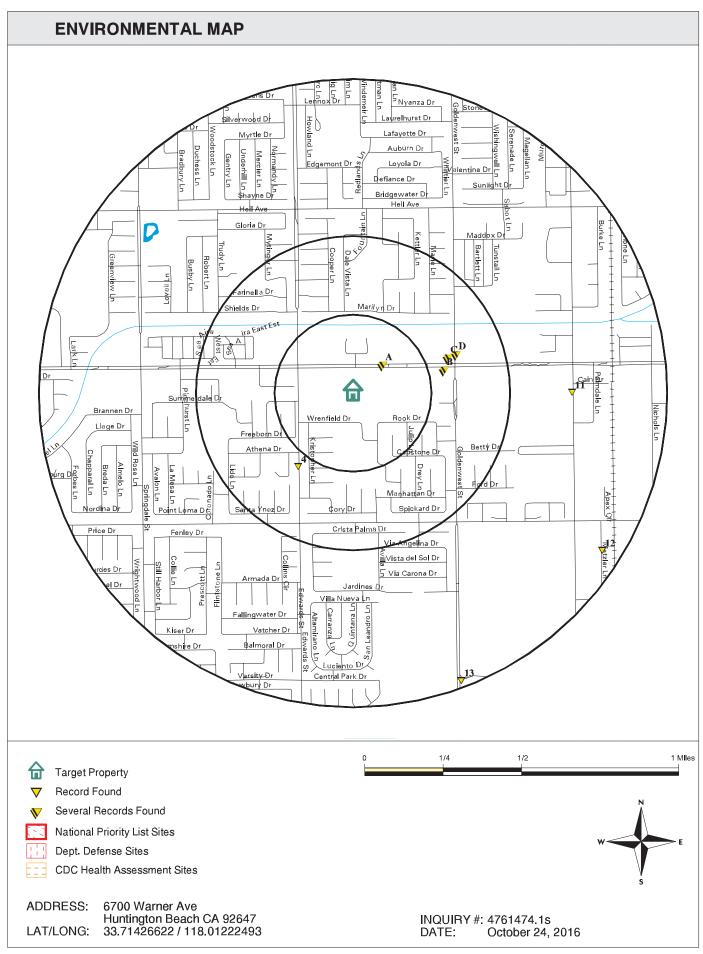
| Location  |                         | Distance<br>from Property | EDR ID#                |
|---|-------------------------|---------------------------|------------------------|
| BROADMOOR HOMES/HUNTINGTON. BEACH Status: No Further Action               | 17301 EDWARDS STREET    | 0.3 mile SW               | S106568261             |
| OCEAN VIEW HIGH SCHOOL Status: No Further Action                          | 17071 GOTHARD STREET    | 0.7 mile East             | 1000413403             |
| LOGI INC.<br>Status: Inactive - Needs Evaluation                          | 17592 METZLER LANE      | 0.9 mile ESE              | 1000244893             |
| HUNTINGTON CENTRAL. PARK/HUNTINGTON BEACH PARK PROPERTY #1 Status: Active | 18000 GOLDENWEST STREET | 1.0 mile SSE              | <sub></sub> S118466264 |



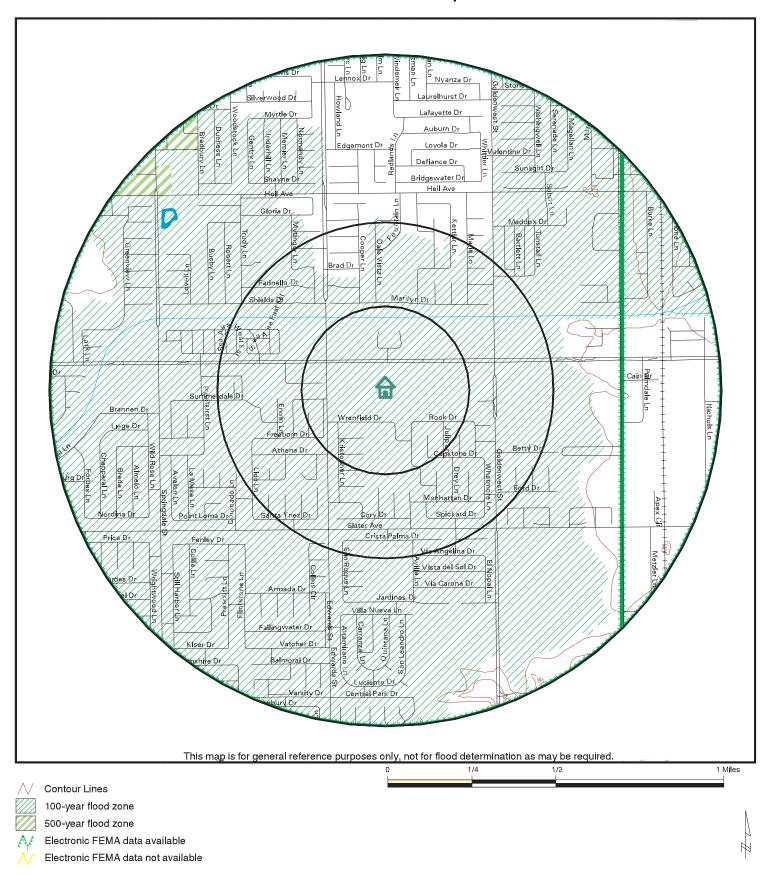
## **UNLOCATED SITES**

Government records occasionally lack sufficient address information for some sites to be accurately plotted to an exact location. The following site(s) may or may not be in a close proximity to the target property. Records where EDR can identify the site status as "closed" or "no further action" are not included in the following list.

| Location                          |                   |                      | Database(s)   | EDR ID#    |
|-----------------------------------|-------------------|----------------------|---------------|------------|
| ROGER'S CABLE COMPANY<br>(FORMER) | PACIFIC COAST HWY | HUNTINGTON.<br>BEACH | LUST          | S102435995 |
| KRIK WELL #80                     | ASCON LANDFILL    | HUNTINGTON.<br>BEACH | _CERCLIS, PRP | 1007372483 |



## Flood Zone Map



ADDRESS: 6700 Warner Ave

Huntington Beach CA 92647 LAT/LONG: 33.71426622 / 118.01222493 INQUIRY #: 4761474.1s DATE: October 24, 2016

## **National Wetlands Inventory Map**



ADDRESS: 6700 Warner Ave

Huntington Beach CA 92647 LAT/LONG: 33.71426622 / 118.01222493 INQUIRY #: 4761474.1s DATE: October 24, 2016



#### **EXPLANATION AND FOLLOW-UP DISCUSSION**

Information in the EDR Neighborhood Environmental Report<sup>™</sup> is gathered from certain Government agencies and proprietary sources. For each of the databases searched, the following section provides as

- description of the database
- contact number and web site for more information (where available)
- version date of the database searched (where available)

## **EXPLANATION: SITES WITH KNOWN CONTAMINATION**

#### Leaking Underground Tanks Database (LUST)

Leaking underground storage tanks are a significant source of petroleum impacts to groundwater and may pose the following potential threats to health and safety:

- Exposure from impacts to soil and/or groundwater;
- Contamination of drinking water aquifers;
- Contamination of public or private drinking water wells;
- Inhalation of vapors;

If a leak occurs, the owner or operator of the tank must report the leak to the local regulatory agency. Soil and/or groundwater assessment may be required by the lead regulatory agency.

Status field definitions:

- No Action

No action has been taken by the responsible party after the initial report of the leak.

#### - Leak Being Confirmed

A leak is suspected at a site (i.e., poor inventory records, water in the tank, vadose monitoring system in alarm, etc.) but has not been confirmed. Includes inspection of the excavation, and tank and appurtenant plumbing to determine existence of leak. May also include taking samples from the excavation (or from borings for in-place closures) for analysis.

#### - Preliminary Site Assessment Workplan Submitted

A workplan/proposal has been requested of, or submitted by, the responsible party in order to determine whether groundwater has been, or will be, impacted as a result of a release from any underground tanks or associated piping. This phase of work usually includes plans for the installation and sampling of up to three monitoring wells with one monitoring well placed in a verified down gradient location from the suspected point of a discharge. It may also include soil boring sampling, additional soil excavation, and disposal or treatment of contaminated soil.

#### - Preliminary Site Assessment Underway

Implementation of a workplan addressing the above described tasks.

#### - Pollution Characterization

Responsible party is in the process of installing additional monitoring wells and/or borings in order to fully define the lateral and vertical extent of contamination in soil and ground water and assess the hydrogeology of the area. This phase of work may also include performing aquifer tests, soil gas surveys, continued ground water gradient determinations and monitoring, and assessing impacts on surface and/or ground water.

#### - Remediation Plan

A remediation plan has been submitted evaluating long term remediation options (or corrective actions). A proposal and implementation schedule for an appropriate remediation option has also been submitted. This phase of work may also include preparing and submitting the necessary information for any permits needed prior to implementation of the plan (NPDES or WDR).

#### - Remedial Action

Implementation of corrective action plan.

## - Post Remedial Action Monitoring

Periodic ground water or other monitoring at the site, as necessary, in order to verify and/or evaluate the effectiveness of remedial

activities.

#### - Case Closed

The Regional Board and the Local Agency are in concurrence that no further work is necessary at the site.

For more information about Leaking Underground Tanks in this report, contact: State Water Resources Control Board, 916-341-5752, http://www.swrcb.ca.gov/ust/cleanup/index.html#intro.

Source: State Water Resources Control Board Date of Government Version: 09/16/2013

Search Distance in this report: 1/2 mile from Target Property

#### Landfill and/or Waste Transfer Stations Database (SWF/LF)

The Solid Waste Information System (SWIS) database contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

For more information about Landfill(s) in this report, contact the: Integrated Waste Management Board, 916-341-6000, http://www.ciwmb.ca.gov/SWIS/

Source: Integrated Waste Management Board Date of Government Version: 08/19/2013

Search Distance in this report: 1/2 mile from Target Property

#### **EPA Final Superfund Sites Database (NPL)**

EPA Final Superfund Sites Database (NPL) is the list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. The NPL is intended primarily to guide the EPA in determining which sites warrant further investigation.

Superfund is the Federal government's program to clean up the nation's uncontrolled hazardous waste sites. Under the Superfund program, abandoned, accidentally spilled, or illegally dumped hazardous waste that pose a current or future threat to human health or the environment are cleaned up. To accomplish its mission, EPA works closely with communities, Potentially Responsible Parties (PRPs), scientists, researchers, contractors, and state, local, tribal, and Federal authorities. Together with these groups, EPA identifies hazardous waste sites, tests the conditions of the sites, formulates cleanup plans, and cleans up the sites.

For more information about EPA Final Superfund Sites in this report, contact the: Environmental Protection Agency, Superfund Hotline, 800-424-9346 or 703-412-9810, http://www.epa.gov/superfund/sites/npl/index.htm.

Source: Environmental Protection Agency Date of Government Version: 04/26/2013

Search Distance in this report: 1 mile from Target Property

#### **EPA Proposed Superfund Sites Database (CERCLIS)**

The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), commonly known as Superfund, was enacted by Congress on December 11, 1980. CERCLA contains information on hazardous waste sites, potential hazardous waste sites, and remedial activities across the nation, including sites that are on the National Priorities List (NPL) or being considered for the NPL.

Superfund is the Federal government's program to clean up the nation's uncontrolled hazardous waste sites. Under the Superfund program, abandoned, accidentally spilled, or illegally dumped hazardous waste that pose a current or future threat to human health or the environment are cleaned up. To accomplish its mission, EPA works closely with communities, Potentially Responsible Parties (PRPs), scientists, researchers, contractors, and state, local, tribal, and Federal authorities. Together with these groups, EPA identifies hazardous waste sites, tests the conditions of the sites, formulates cleanup plans, and cleans up the sites.

For more information about EPA Proposed Superfund Sites in this report, contact the: Environmental Protection Agency, 703-413-0223 or http://www.epa.gov/superfund/action/law/cercla.htm

Source: Environmental Protection Agency Date of Government Version: 04/26/2013

Search Distance in this report: 1/2 mile from Target Property

#### Hazardous Waste Treatment Storage and Disposal Sites Database (RCRAInfo)

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

For more information about RCRA Treatment, Storage and Disposal sites in this report, contact the: Environmental Protection Agency at http://www.epa.gov/osw/

Source: Environmental Protection Agency Date of Government Version: 07/11/2013

Search Distance in this report: 1/2 mile from Target Property

#### Confirmed Hazardous Substance Release Database (ENVIROSTOR)

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further.

EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

#### Status Field Definitions:

#### - Active

Identifies that a site investigation and/or remediation is currently in progress and that DTSC is actively involved, either in a lead or support capacity.

#### - Backlog

Identifies non-active sites in which DTSC is not currently investigating or remediating.

#### - Border Zone/Haz Waste Property (BZP/HWP)

Potential Border Zone properties are located within 2,000 feet of a significant disposal of hazardous waste, and hazardous waste property sites have a significant disposal of hazardous waste.

#### - Certified

Identifies completed sites with previously confirmed release that are subsequently certified by DTSC as having been remediated satisfactorily under DTSC oversight.

#### - Certified O&M

Identifies sites that have certified cleanups in place but require on-going Operation and Maintenance (O&M) activities.

#### - Hazardous Waste Disp Land Use (NOT BZP/HWP)

This status identifies sites that went through the Hazardous Waste or Border Zone Property determination process and entered into voluntary deed restrictions, but were not formally designated as either a "border zone" or "hazardous waste property."

#### - Inactive

Action Required: Identifies non-active sites where, through a Preliminary Endangerment Assessment or other evaluation, DTSC has determined that a removal or remedial action or further extensive investigation is required.

#### - Inactive

Needs Evaluation: Identifies non-active sites where DTSC has determined a Preliminary Endangerment Assessment (PEA) or other evaluation is required.

#### - No Action Required

Identifies sites where a Phase I Environmental Assessment was completed and resulted in a no action required determination.

#### - No Further Action

Identifies completed sites where DTSC determined after investigation, generally a PEA (an initial assessment), that the property does not pose a problem to the public health or the environment.

#### - Referred: 1248 Local Agency

Identifies sites that were referred to a local agency (through the SB 1248 determination process) to supervise the cleanup of a simple

#### waste release.

- Referred: EPA

Identifies sites that, based on limited information available to DTSC, appear to be more appropriately addressed by U.S. EPA.

- Referred: IWMB

Identifies sites that, based on limited information available to DTSC, appear to be more appropriately addressed by the California Integrated Waste Management Board (IWMB).

- Referred: Other Agency

Identifies sites that, based on limited information available to DTSC, appear to be more appropriately addressed by another state or local environmental regulatory agency.

- Referred: RCRA

Identifies sites that, based on limited information available to DTSC, appear to be more appropriately addressed by the Department of Toxic Substances Control s Hazardous Waste Management Program and are identified as Resource Conservation Recovery Act (RCRA).

- Referred: RWQCB

Identifies sites that, based on limited information available to DTSC, appear to be more appropriately addressed by the California Regional Water Quality Control Boards (RWQCB).

For information about the EnviroStor database in this report, contact the: Department of Toxic Substances Control, 916-323-3400, http://www.dtsc.ca.gov

Source: Department of Toxic Substances Control Date of Government Version: 09/05/2013

Search Distance in this report: 1 mile from Target Property

#### Spills, Leaks, Investigations or Cleanups (SLIC)

Unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites, are investigated through the Spills, Leaks, Investigations and Cleanup (SLIC) program. Many of these sites are former industrial facilities and dry cleaners, where chlorinated solvents were spilled, or have leaked into the soil or groundwater. This program is not restricted to particular pollutants (e.g. solvents, petroleum, and metals) or by the origin of the release. The Regional Board may require investigation and/or corrective action to mitigate an unauthorized discharge that pollutes or threatens to pollute waters of the state.

Status field definitions:

- Case Closed

The Regional Board and the Local Agency are in concurrence that no further work is necessary at the site.

- Preliminary Site Assessment Workplan Submitted

A workplan/proposal has been requested of, or submitted by, the responsible party in order to determine whether groundwater has been, or will be, impacted as a result of a release from any underground tanks or associated piping. This phase of work usually includes plans for the installation and sampling of up to three monitoring wells with one monitoring well placed in a verified down gradient location from the suspected point of a discharge. It may also include soil boring sampling, additional soil excavation, and disposal or treatment of contaminated soil.

- Preliminary Site Assessment Underway

Implementation of a workplan addressing the above described tasks.

- Pollution Characterization

Responsible party is in the process of installing additional monitoring wells and/or borings in order to fully define the lateral and vertical extent of contamination in soil and ground water and assess the hydrogeology of the area. This phase of work may also include performing aquifer tests, soil gas surveys, continued ground water gradient determinations and monitoring, and assessing impacts on surface and/or ground water.

- Remediation Plan

A remediation plan has been submitted evaluating long term remediation options (or corrective actions). A proposal and implementation schedule for an appropriate remediation option has also been submitted. This phase of work may also include preparing and submitting the necessary information for any permits needed prior to implementation of the plan (NPDES or WDR).

- Remediation Plan Approved

Corrective action plan has been approved by the Agency.

- Case Open
- Reopen Previously Closed Case
- Remedial Action Underway
- Verification Monitoring Underway
- Regulatory Review
- Feasibility Study for Remedial Action Plan
- Inactive Due to Bad Debt

For more information about Spills, Leaks, Investigations or Cleanups (SLIC) in this report, contact the State Water Resources Control Board, 916-341-5752

Source: California Water Resources Control Board

Date of Government Version: 09/16/2013

Search Distance in this report: 1/2 mile from Target Property

#### **Emergency Response Notification System (ERNS)**

Emergency Response Notification System, also known as The National Response System (NRS), is the government's mechanism for emergency response to discharges of oil and the release of chemicals into the navigable waters or environment of the United States and its territories. Initially, this system focused on oil spills and selected hazardous polluting substances discharged into the environment. It has since been expanded by other legislation to include hazardous substances and wastes released to all types of media.

For more information about Emergency Response Notification System in this report, contact the: National Response Center, United States Coast Guard, 800-424-8802 or http://www.nrc.uscg.mil/nrsinfo.html

Source: National Response Center, United States Coast Guard

Date of Government Version: 12/31/2012

Search Distance in this report: 300 feet from Target Property

#### EXPLANATION: SITES WITH POTENTIAL CONTAMINATION

## Clandestine Drug Labs Sites from Federal Sources (US CDL)

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

For more information about Clandestine Drug Labs from Federal Sources in this report, contact the Drug Enforcement Administration, 202-307-1000

Source: Drug Enforcement Administration Date of Government Version: 08/06/2013

Search Distance in this report: 1/8 mile from Target Property

#### Clandestine Drug Lab Sites from State Sources (CDL)

Health and Safety code section 25354.5 requires DTSC removal and disposal of hazardous substances discovered by law enforcement officials while investigating clandestine drug laboratories. The illegal manufacture of psychoactive drugs, primarily methamphetamine, has escalated dramatically since 1980. California leads the nation in the number of illicit drug laboratory seizures. Contaminants at clandestine labs range from highly volatile organic solvents and semi-volatile organic compounds, to highly corrosive inorganic acids

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and bases, the illicit drug itself, and other by-products. The DTSC Clandestine Drug Lab Removal Program has funded and coordinated removal and disposal actions at more than 12,000 illegal drug labs and drug lab waste abandonments in the last five years.

For more information about Clandestine Drug Lab Sites in this report, contact the: California Department of Toxic Substances Control, 800-260-3972 or http://www.dtsc.ca.gov/SiteCleanup/ERP/Drug\_Lab\_Removal.cfm

Source: California Department of Toxic Substances Control

Date of Government Version: 06/30/2013

Search Distance in this report: 1/8 mile from Target Property

#### **CDC Environmental Health Assessments Database**

The Agency for Toxic Substances and Disease Registry, ATSDR, is an agency of the U.S. Public Health Service. It was established by Congress in 1980 under the Comprehensive Environmental Response, Compensation, and Liability Act, also known as the Superfund law. This law set up a fund to identify and clean up our country's hazardous waste sites. The Environmental Protection Agency, EPA, and the individual states regulate the investigation and clean up of the sites.

Since 1986, ATSDR has been required by law to conduct a public health assessment at each of the sites on the EPA National Priorities List. The aim of these evaluations is to find out if people are being exposed to hazardous substances and, if so, whether that exposure is harmful and should be stopped or reduced. If appropriate, ATSDR also conducts public health assessments when petitioned by concerned individuals. Public health assessments are carried out by environmental and health scientists from ATSDR and from the states with which ATSDR has cooperative agreements.

Exposure: As the first step in the evaluation, ATSDR scientists review environmental data to see how much contamination is at a site, where it is, and how people might come into contact with it. Generally, ATSDR does not collect its own environmental sampling data but reviews information provided by EPA, other government agencies, businesses, and the public. When there is not enough environmental information available, the report will indicate what further sampling data is needed.

Health Effects: If the review of the environmental data shows that people have or could come into contact with hazardous substances, ATSDR scientists then evaluate whether or not there will be any harmful effects from these exposures. The report focuses on public health, or the health impact on the community as a whole, rather than on individual risks. Again, ATSDR generally makes use of existing scientific information, which can include the results of medical, toxicologic and epidemiologic studies and the data collected in disease registries. The science of environmental health is still developing, and sometimes scientific information on the health effects of certain substances is not available. When this is so, the report will suggest what further research studies are needed.

Conclusions: The report presents conclusions about the level of health threat, if any, posed by a site and recommends ways to stop or reduce exposure in its public health action plan. ATSDR is primarily an advisory agency, so usually these reports identify what actions are appropriate to be undertaken by EPA, other responsible parties, or the research or education divisions of ATSDR. However, if there is an urgent health threat, ATSDR can issue a public health advisory warning people of the danger. ATSDR can also authorize health education or pilot studies of health effects, full-scale epidemiology studies, disease registries, surveillance studies or research on specific hazardous substances.

For more information about CDC Environmental Health Assessments in this report, contact the: Center for Disease Control, 800-232-4636 or http://www.atsdr.cdc.gov/hac/pha/index.asp

Source: Center for Disease Control
Date of Government Version: 11/29/2007

Search Distance in this report: 1/4 mile from Target Property

#### Active Department of Defense Site Database (DOD)

Over the last 20 years, the Defense Environmental Restoration Program (DERP) has evolved into a mature program addressing environmental restoration activities at its active installation, base realignment and closure (BRAC) installation, and formerly used defense sites (FUDS). Reducing and managing risk is a central element of the DERP. In its earlier years, the DERP forcused heavily on the identification, investigation, and cleanup of land impacted by decades of defense operations and training activities. As the program expanded to include historic use of military munitions at its active installations, the program progressed from study to cleanup of industrial remediation of past contamination.

The DERP has also included demolition and removing unsafe buildings and structures primarily at former DoD properties that pose health risks to personnel and the general public. In all 50 states, the District of Columbia, and 8 U.S. territories, DoD is working to protect citizens and our natural resources by restoring public lands. DoD has created two distinct programs within the DERP to most effectively address remediation of its sites. The Installation Restoration Program (IRP) primarily addresses sites impacted by hazardous substances. These sites are similar sites across the country contaminated from past practices at industrial and commercial areas, such as municipal

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landfills and factories. The IRP is a proven program with successes achieved over the past two decades. Through the newly established Military Munitions Response Program (MMRP), DoD can most effectively respond to unexploded ordnance and military munitions waste at areas other than operational ranges. In the coming years, DoD will develop the MMRP to mirror the successes of the IRP.

For more information about Department of Defense Sites in this report, contact the: Department of Defense Cleanup Office, 800-225-3842 or http://www.dtic.mil/envirodod/COffice/COWebL.htm.

Source: Department of Defense

Date of Government Version: 12/31/2005

Search Distance in this report: 1/4 mile from Target Property

#### Former Department of Defense Sites Database (FUDS)

Formerly Used Defense Sites (FUDS) as defined by the Defense Environmental Restoration Program Management Guidance are real properties that were under the jurisdiction of the Secretary of Defense and owned by, leased by, or otherwise possessed by the United States. Located throughout the United States, these properties are now owned by private individuals, corporations, state and local governments, federal agencies, and tribal governments. The OSD Cleanup Office is responsible for programming and budgeting for FUDS requirements.

The Army is the executive agent for management of FUDS properties, while the U.S. Army Corps of Engineers (USACE) is the day-to-day executor for all aspects of the program. FUDS project categories include, but are not limited to:

- -Hazardous, toxic and radioactive waste (HTRW);
- -Management of FUDS properties, while the U.S. Army Corps of Engineers (USACE) is the day-
- to-day executor for all aspects of the program;
- -Containerized HTRW;
- -Building demolition and debris removal;
- -Potentially responsible party sites;

USACE catalogs all FUDS properties on their site inventory, which details property locations, property number, and status of potentially hazardous findings. Three phases may be used to determine the restoration process at FUDS properties: Inventory, Investigation, and Cleanup. Once the property is confirmed as being formerly used by a defense agency, it is entered into the FUDS inventory. If contamination resulting from past Defense practices exists, an investigation must be conducted to determine the extent of the contamination and the appropriate response. Once these two phases are completed a cleanup process will begin to reduce the risk of human health and the environment, or to improve public safety. Cleanup activities are accomplished based on priority sites posing the greatest risks are addressed first.

For more information about Formerly Used Defense Sites in this report, contact the: US Army Corps of Engineers, 202-528-4285 or http://hq.environmental.usace.army.mil/programs/fuds/fuds.html.

Source: U.S. Army Corps of Engineers Date of Government Version: 12/31/2011

Search Distance in this report: 1/4 mile from Target Property

#### **EDR Proprietary Manufactured Gas Plants**

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Source: EDR Inc.

Date of Government Version: 08/28/2009

Search Distance in this report: 1/4 mile from Target Property

#### Radioactive Material Activity Sites Database (MLTS)

Radioactive Material Activity Sites, also know as the Material Licensing Tracking System (MLTS), is maintained by the Nuclear Regulatory Commission (NRC) and contains a list of sites which possess or use radioactive materials and which are subject to NRC licensing requirements. MLTS database lists the NRC's licenses issued for the operation of nuclear power plants, nuclear waste repositories or medical, industrial, or research applications. The NRC is responsible for ensuring the public health and safety through licensing, inspection, and environmental reviews for all activities.

Report #: 4761474.1s Page 12 For more information about Radioactive Material Activity Site in this report, contact the: Nuclear Regulatory Commission, 800-368-5642

Source: Nuclear Regulatory Commission Date of Government Version: 07/22/2013

Search Distance in this report: 1/4 mile from Target Property

## **EXPLANATION: FLOOD INFORMATION**

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100- year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA Phone: 877-336-2627

Date of Government Version: 2003, 2015

#### **Federal Contacts for Additional Information**

Federal Emergency Management Agency 877-3362-627

#### **State Contacts for Additional Information**

Office of Emergency Services 916-262-1843

## **EXPLANATION: WETLANDS INFORMATION**

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2004 from the U.S. Fish and Wildlife Service.

### **Federal Contacts for Additional Information**

Fish & Wildlife Service 813-570-5412

#### State Contacts for Additional Information

Department of Fish & Game 916-653-7667

#### STREET AND ADDRESS INFORMATION

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**EXPLANATION AND FOLLOWUP DISCUSSION** 

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