

Inspection - 3/15/2013

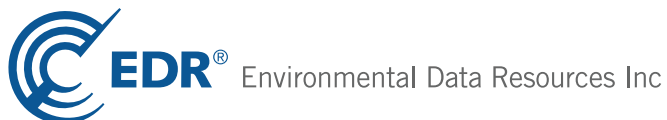
4405 Whitney Ave

Township of Upper Ch, PA 19061

March 15, 2013

Inquiry Number: 3545530.1s

The EDR Neighborhood Environmental Report™



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.624.0470
www.edrnet.com

Property Information:

INSPECTION - 3/15/2013

4405 WHITNEY AVE

TOWNSHIP OF UPPER CH, PA 19061



Neighborhood Summary

ENVIRONMENTAL RECORDS WITHIN 300 FEET: *Good News!*

This report found no environmental records within 300 feet of the property located at 4405 WHITNEY AVE. Additional information is located in Section A.

ENVIRONMENTAL RECORDS BEYOND 300 FEET

The report found 1 environmental record 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.

REQUEST A PROFESSIONAL OPINION

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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 [Leaking Aboveground Tanks](#) were identified.
- ✓ No [Leaking Unregulated Storage Tanks](#) were identified.
- ✓ No [Landfills](#) were identified.
- ✓ No [EPA Final Superfund Sites](#) were identified.
- ✓ No [Remedial Sites on the Pennsylvania Priority Sites](#) were identified.
- ✓ No [EPA Proposed Superfund Sites \(CERCLIS\)](#) were identified.
- ✓ No [Hazardous Waste Treatment Storage and Disposal Sites](#) were identified.
- ✓ No [State Hazardous Waste Sites](#) 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 [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.

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ENVIRONMENTAL RECORDS BEYOND 300 FEET

Sites with **Known** Contamination Beyond 300 Feet: 1 Record 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 beyond 300 feet and within 1/2 mile.
- ✓ No [Leaking Aboveground Tanks](#) were identified beyond 300 feet and within 1/2 mile.
- ▼ 1 [Leaking Unregulated Storage Tank](#) was 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 [Remedial Sites on the Pennsylvania Priority Sites](#) were identified beyond 300 feet and within 1 mile.
- ✓ No [EPA Proposed Superfund Sites \(CERCLIS\)](#) 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.
- ✓ No [State Hazardous Waste Sites](#) were identified beyond 300 feet and within 1 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 [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.

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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.

▼ 1 **Leaking Unregulated Storage Tank** was identified beyond 300 feet and within 1/2 mile.

Leaking Aboveground 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 #
DAVIS RES.150 GUERNESEY RD. Closed: 12/6/1994	0.4 mile WSW	S105918808

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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.

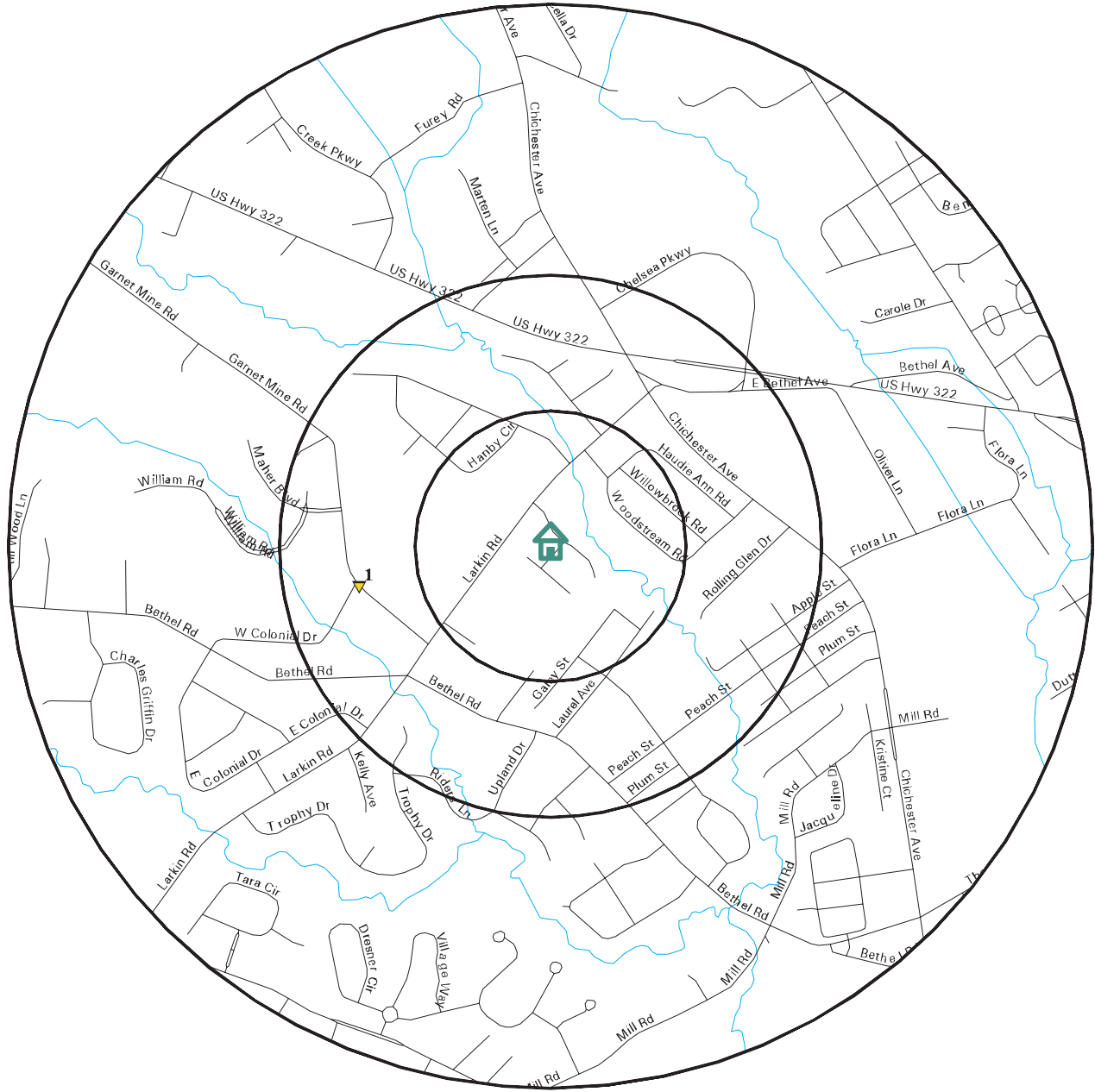
Location	Database(s)	EDR ID #
MARKUS HOOK CREEK ER.....9TH & YATES AVE.....	MARCUS HOOK.CERCLIS, FINDS...	1001230457
ASTON TANK FARM.....CHERRY ST.....	ASTON.....CERCLIS.....	1014202058
FORMER SUNOCO TANK.....21 MARCUS HOOK REFINERY..... FARM	CLAYMONT.....SHWS.....	S105153742
NEWCO ALLIED, INC.....U.S. ROUTE 13.....	MARCUS HOOK.MLTS.....	1001209591

REQUEST A PROFESSIONAL OPINION

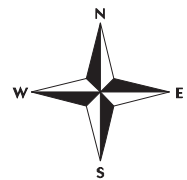
- Connect with a local qualified Environmental Professional (EP)
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ENVIRONMENTAL MAP



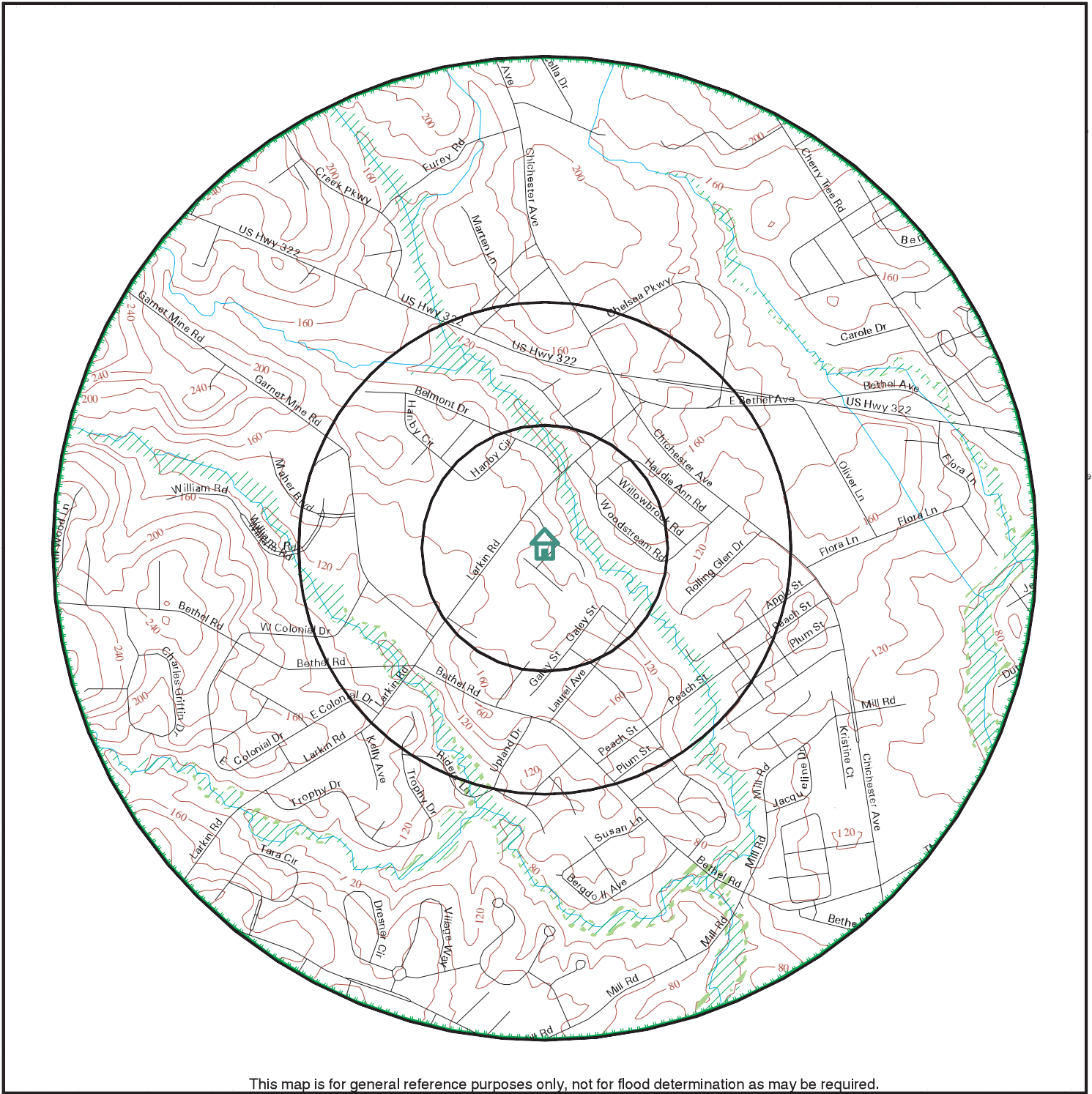
-  Target Property
-  Record Found
-  Several Records Found
-  National Priority List Sites
-  Dept. Defense Sites
-  CDC Health Assessment Sites








ADDRESS: 4405 Whitney Ave
 Township of Upper Ch PA 19061
 LAT/LONG: 39.845275 / 75.454835

INQUIRY #: 3545530.1s
 DATE: March 15, 2013

Flood Zone Map



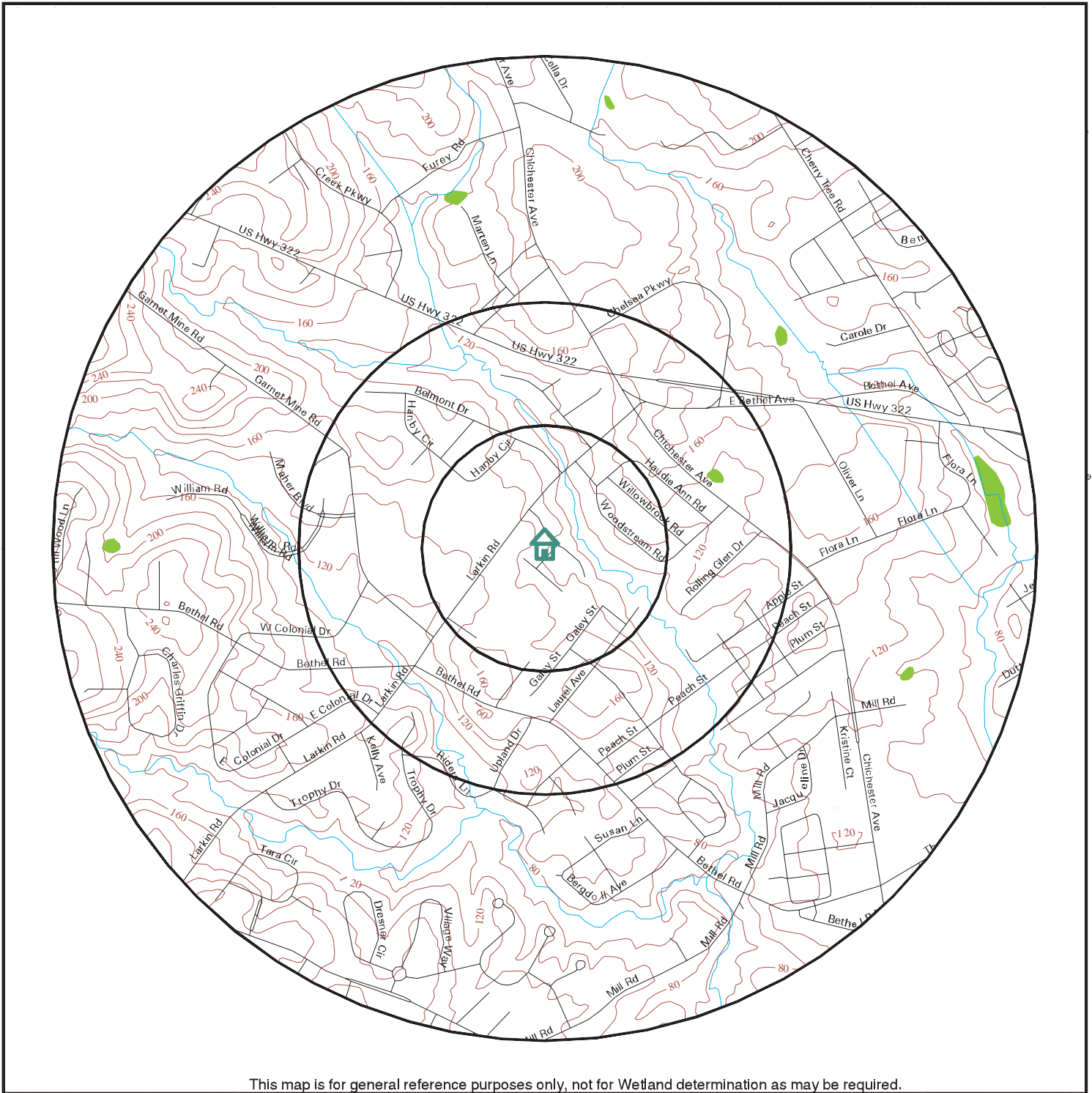
-  Contour Lines
-  100-year flood zone
-  500-year flood zone
-  Electronic FEMA data available
-  Electronic FEMA data not available







ADDRESS: 4405 Whitney Ave
 Township of Upper Ch PA 19061
 LAT/LONG: 39.845275 / 75.454835

INQUIRY #: 3545530.1s
 DATE: March 15, 2013

National Wetlands Inventory Map



-  Contour Lines
-  National Wetlands Inventory
-  Electronic NWI data available
-  Electronic NWI data not available



ADDRESS: 4405 Whitney Ave
Township of Upper Ch PA 19061
LAT/LONG: 39.845275 / 75.454835

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EXPLANATION AND FOLLOW-UP DISCUSSION

Information in the EDR Neighborhood Environmental Report™ is gathered from certain Government agencies and proprietary sources. For each of the databases searched, the following section provides a:

- 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)

The Pennsylvania Department of Environmental Protection's (DEP's) Storage Tank Cleanup Program is administered by the Bureau of Waste Management, Storage Tanks and Hazardous Sites Corrective Action Section, and by the Environmental Cleanup Program, Storage Tank Section, in each of DEP's six regional offices.

The Storage Tanks and Hazardous Sites Corrective Action Section is responsible for developing regulations, policies, technical guidance and public outreach programs necessary to implement the cleanup program to remediate releases from storage tanks in accordance with the Clean Streams Law, Storage Tank and Spill Prevention Act and the Land Recycling and Environmental Remediation Standards Act (Act 2). In addition, the section manages the federal LUST (Leaking Underground Storage Tank) grant and develops processes and procedures in order to perform state-lead cleanups where responsible parties fail to comply or cannot be found and action must be taken to protect human health and the environment.

Status Field definitions:

- Interim Remedial Actions Not Initiated

No physical activity to remove contaminants has been initiated.

- Interim or Remedial Actions Initiated

At a confirmed release, site characterization and/or physical activity to remove contaminants are underway.

-Attainment Monitoring in Progress

Demonstration of an Act 2 groundwater standard is being conducted.

- Cleanup Completed

Removal of contaminants to applicable cleanup standards has been demonstrated to DEP.

- Inactive

Incidents in this status have not achieved 'cleanup completed' status. However, these incidents have been determined by DEP to be low priority for corrective action as a result of meeting the following criteria:

a) No product in the leaking storage tank system

b) No known free product in the environment

c) Risks to human health and the environment have been mitigated including vapor/fire/explosion hazards, contaminated drinking water supplies, and releases to surface waters

d) Strong potential for receptors to be impacted is not known to exist

e) Responsible party is not performing or planning to perform corrective action

f) The case is at least two (2) years old

- Suspected Release

Investigation Pending or Initiated

- Suspected Release

Investigation Complete, No Release Confirmed

For more information about Leaking Underground Tanks in this report, contact the: Pennsylvania Department of Environmental Protection, <http://www.dep.state.pa.us/dep/deputate/airwaste/wm/Tanks/tankintro.htm>

Source: Pennsylvania Department of Environmental Protection
Date of Government Version: 12/03/2012
Search Distance in this report: 1/2 mile from Target Property

Leaking Aboveground Tanks Database (LAST)

The Pennsylvania Department of Environmental Protection's (DEP's) Storage Tank Cleanup Program is administered by the Bureau of Waste Management, Storage Tanks and Hazardous Sites Corrective Action Section, and by the Environmental Cleanup Program, Storage Tank Section, in each of DEP's six regional offices.

The Storage Tanks and Hazardous Sites Corrective Action Section is responsible for developing regulations, policies, technical guidance and public outreach programs necessary to implement the cleanup program to remediate releases from storage tanks in accordance with the Clean Streams Law, Storage Tank and Spill Prevention Act and the Land Recycling and Environmental Remediation Standards Act (Act 2). In addition, the section manages the federal LUST (Leaking Underground Storage Tank) grant and develops processes and procedures in order to perform state-lead cleanups where responsible parties fail to comply or cannot be found and action must be taken to protect human health and the environment.

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No physical activity to remove contaminants has been initiated.

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At a confirmed release, site characterization and/or physical activity to remove contaminants are underway.

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Demonstration of an Act 2 groundwater standard is being conducted.

- Cleanup Completed

Removal of contaminants to applicable cleanup standards has been demonstrated to DEP.

- Inactive

Incidents in this status have not achieved 'cleanup completed' status. However, these incidents have been determined by DEP to be low priority for corrective action as a result of meeting the following criteria:

a) No product in the leaking storage tank system

b) No known free product in the environment

c) Risks to human health and the environment have been mitigated including vapor/fire/explosion hazards, contaminated drinking water supplies, and releases to surface waters

d) Strong potential for receptors to be impacted is not known to exist

e) Responsible party is not performing or planning to perform corrective action

f) The case is at least two (2) years old

- Suspected Release

Investigation Pending or Initiated

- Suspected Release

Investigation Complete, No Release Confirmed

For more information about Leaking Aboveground Tanks in this report, contact the: Pennsylvania Department of Environmental Protection, <http://www.dep.state.pa.us/dep/deputate/airwaste/wm/Tanks/tankintro.htm>

Source: Pennsylvania Department of Environmental Protection
Date of Government Version: 12/03/2012
Search Distance in this report: 1/2 mile from Target Property

Leaking Unregulated Tanks Database (UNREG LTANKS)

The Pennsylvania Department of Environmental Protection's (DEP's) Storage Tank Cleanup Program is administered by the Bureau of Waste Management, Storage Tanks and Hazardous Sites Corrective Action Section, and by the Environmental Cleanup Program, Storage Tank Section, in each of DEP's six regional offices.

The Storage Tanks and Hazardous Sites Corrective Action Section is responsible for developing regulations, policies, technical guidance and public outreach programs necessary to implement the cleanup program to remediate releases from storage tanks in accordance with the Clean Streams Law, Storage Tank and Spill Prevention Act and the Land Recycling and Environmental Remediation Standards Act (Act 2). In

addition, the section manages the federal LUST (Leaking Underground Storage Tank) grant and develops processes and procedures in order to perform state-lead cleanups where responsible parties fail to comply or cannot be found and action must be taken to protect human health and the environment.

Status Field definition:

- Closed Date

Identifies the date DEP determines that no further corrective action is necessary at the site.

For more information about Leaking Unregulated Tanks in this report, contact the: Pennsylvania Department of Environmental Protection, <http://www.dep.state.pa.us/dep/deputate/airwaste/wm/Tanks/tankintro.htm>

Source: Pennsylvania Department of Environmental Protection

Date of Government Version: 04/12/2002

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

Landfills Database (SWF/LF)

Pennsylvania's Solid Waste Management Program oversees a broad range of waste types and management activities including the transportation, storage, processing, beneficial use and disposal of municipal, residual and hazardous wastes. The Municipal Waste Program regulates the collection, transportation, transfer, processing, composting, beneficial use and disposal of municipal waste. Pennsylvania has 49 active landfills and five resource recovery (waste-to-energy) facilities that manage over 20 million tons/year of municipal waste. The Residual Waste Program regulates the generation, storage, transportation, processing, composting, beneficial use and disposal of residual waste (nonhazardous industrial waste).

For more information about Landfills in this report, contact the: Pennsylvania Department of Environmental Protection, Bureau of Land Recycling and Waste Management, <http://www.depweb.state.pa.us/landrecwaste/cwp/view.asp?A=1216&Q=462227>

Source: Pennsylvania Department of Environmental Protection

Date of Government Version: 11/28/2012

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: 02/01/2013

Search Distance in this report: 1 mile from Target Property

Remedial Sites on the Pennsylvania Priority Sites Database (HSCA)

The Hazardous Sites Cleanup Act (HSCA) provides the Department of Environmental Protection (DEP) with the funding and the authority to conduct cleanup actions at sites where hazardous substances have been released. HSCA also provides DEP with enforcement authorities to force the persons who are responsible for releases of hazardous substances to conduct cleanup actions or to repay public funds spent on a DEP funded cleanup action. HSCA funds are also used to pay the state share of costs of cleanup actions at Pennsylvania sites in the Federal Superfund Program.

Under the provisions of HSCA, most HSCA sites involve bankrupt facility owners, abandoned facilities, and inappropriate disposal of hazardous substances. As a general rule, HSCA sites do not include active facilities with financially viable owners.

Status field definitions:

- Delisted Date

The remedial response action is completed and that there is no further action. Even after they are de-listed, many of these sites have on-going operation and maintenance (O&M) activities that will last for many years, such as groundwater sampling or maintenance of a cap

For more information about Remedial Sites on the Pennsylvania Priority Sites in this report, contact the: Pennsylvania Department of Environmental Protection, <http://www.depweb.state.pa.us/landrecwaste/cwp/view.asp?a=1241&Q=455451&landrecwasteNav=|30814|>

Source: Pennsylvania Department of Environmental Protection

Date of Government Version: 12/31/2012

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: 02/04/2013

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: 02/12/2013

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

State Hazardous Waste Sites Database (SHWS)

The list of Hazardous Sites Response represents hazardous sites response actions that have been taken since the enactment of the Hazardous Sites Cleanup Act (HSCA) on October 18, 1988. The information in this list is derived from DEP's eFACTS (Environment, Facility, Application, Compliance Tracking System). The purpose of providing this listing is not to identify problem areas, rather to identify the status of all response actions that have been taken utilizing HSCA funding.

For more information about State Hazardous Waste Site(s) in this report, contact the: Pennsylvania Department of Environmental Protection, <http://www.depweb.state.pa.us/landrecwaste/cwp/view.asp?a=1241&Q=455465&landrecwasteNav=|30814|>

Source: Pennsylvania Department Environmental Protection

Date of Government Version: 01/08/2013

Search Distance in this report: 1 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: 11/14/2012
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 focused 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 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/COoffice/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 known 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.

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: 06/21/2011

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

EXPLANATION: FLOOD INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

Federal Contacts for Additional Information

Federal Emergency Management Agency 877-3362-627

State Contacts for Additional Information

Pennsylvania Emergency Management Agency 717-651-2199

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

Fish & Boat Commission 717-657-4515

STREET AND ADDRESS INFORMATION

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