

## 4. Results

### 4.1 Marine Towed Array

The lake area that has been historically used for munitions activity is too large to survey at 100% coverage with the available resources. Selected areas deemed most likely to contain UXO that could migrate to dredge area and river mouth were selected for characterization. As such, the land-based impact areas were not studied. The scope of this work includes the lake areas out to West Sister Island, as well as the beach and river.

PNNL, using VSP, designed the survey approach and transect sampling plan for the Lake Erie project. The VSP requires a hypothesis describing the target area sought, including the size, shape and anomaly density of the target. In this case, there was little historical information to construct such a model with high confidence. The transect survey plan was developed to cover the maximum area possible at relatively sparse coverage, with the intention that initial data could guide adjustments, if needed.

The survey transect plan is shown in Figure 8. The main impact area was expected in the lower section outlined in purple. This corresponds to the exclusion zone used throughout the history of the base and is in closest proximity to the mouth of the Toussaint River. This area was deemed highest priority and surveyed first. The east/west transects are spaced 165 meters apart in the main survey area. The extended area shown in yellow was once part of the historical impact area. In the event that resources allowed, additional sparser transects were planned in the extended area, with the spacing increased to 330 meters.

The marine survey was carried out between 17 August and 21 September, 2006. Figure 9 shows the transects as they were actually surveyed. Because the size of the target area was uncertain, initially every other transect was surveyed. As initial data were analyzed and it became apparent that the target area was more extensive and dense than the planning assumptions, it was decided that the alternate transect approach was sufficient for target characterization and more appropriate. In the south part of the main survey area, the odd numbered transects were surveyed. In the north part of the main survey area, every fourth transect was surveyed. Upon completion of the main survey area, additional transects were sampled in the extended area out to West Sister Island, shown in the northwest corner of Figure 9. Five roughly equally spaced transects were surveyed.

Several additional lines were surveyed parallel to the shoreline. These passes were intended to overlap with the airborne survey to provide some common survey areas and targets for comparison of the MTA and the Airborne systems.







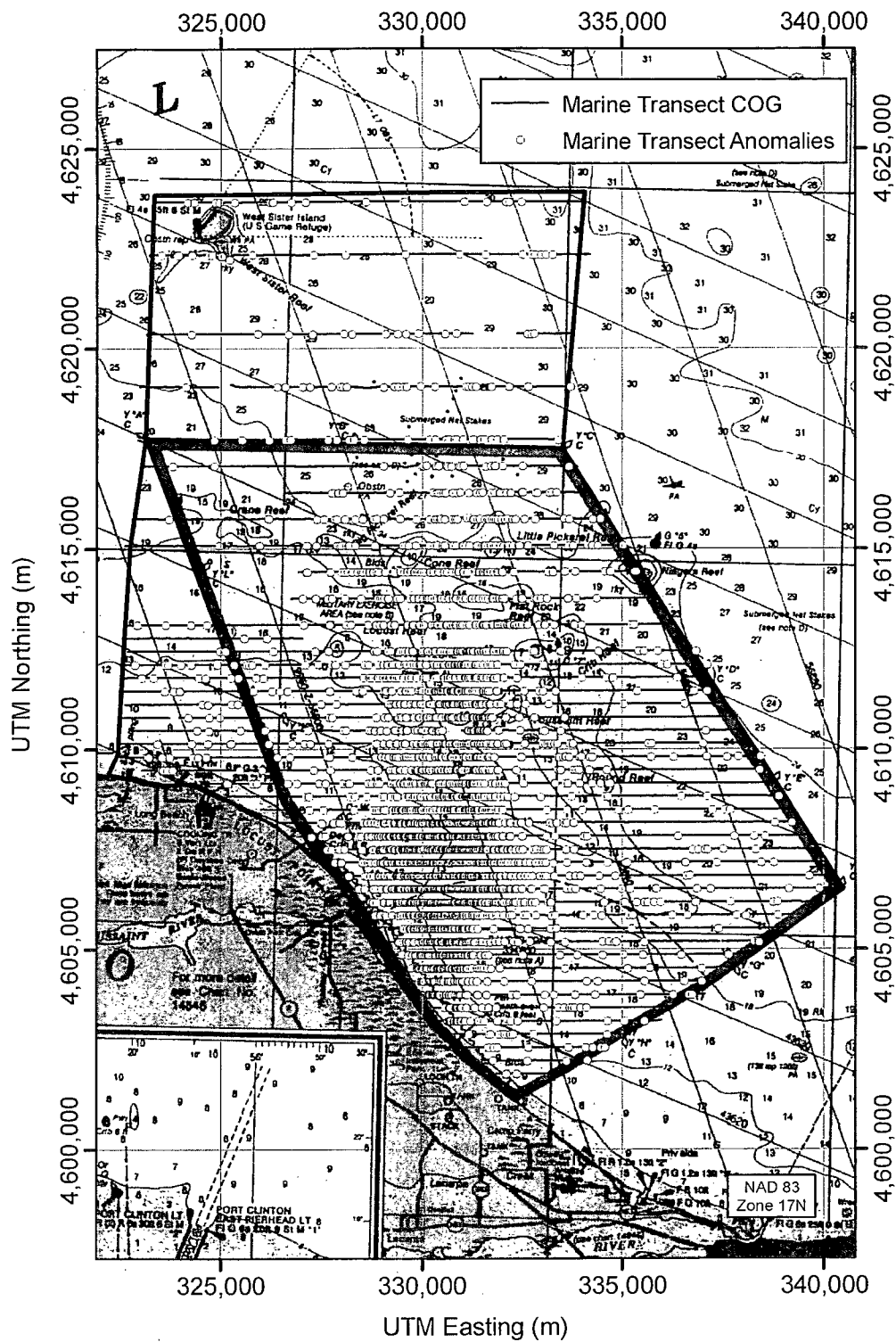


Figure 9. Marine Transects as Surveyed.



An automated target picker was used to select likely targets. The threshold was chosen to exclude very small targets (those likely too small to be projectiles) and the target picker was run to exclude targets that did not have more than half of the target signature included in the survey data. The automatic target picker choices are shown in Figure 8 as red diamonds superimposed on the yellow survey transects. Approximately 5,500 targets were identified in the transect areas.

Figure 10 shows a magnetic anomaly image composed of data clips from a single transect. The analyst's target identification number is shown in white. The white polygons are those drawn by the analyst to define individual targets. The data within the boxed area are used to estimate target characteristics for the targets that were selected for validation by the divers. As shown in Figure 10, not all magnetic anomalies were chosen for analysis. In general, targets that were identified as lying less than 3 meters from an adjacent target were not chosen for analysis. This was done to reduce the likelihood of the diver mistaking the intended target for another one nearby. In general, targets were not chosen for analysis if the majority of their signatures were not included in the 8-sensor measurement track.

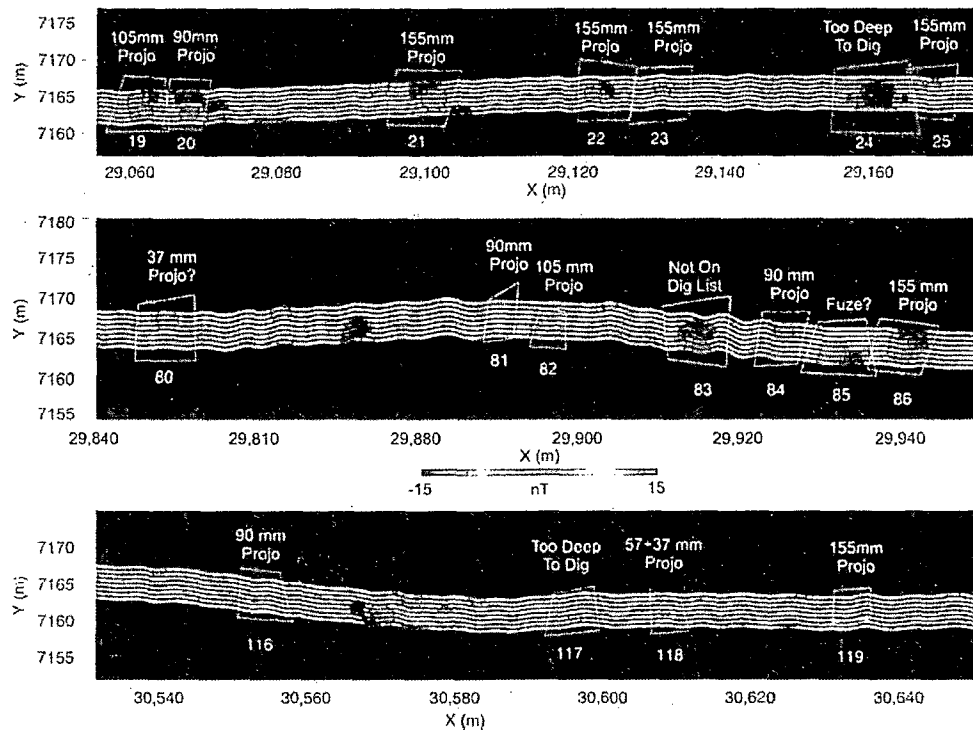


Figure 10. Magnetometer data from a single transect in the main impact area in Lake Erie, showing targets selected for validation and their validation results.

Areas of the Toussaint River were surveyed by the MTA, as shown in Figure 11(a). In general, the system surveyed areas where the water depth and the width of the channel permitted operation. This was limited to a narrow swath in the deepest part of the river. Twenty-eight targets were identified for validation in the river as shown in Figure 11(b).



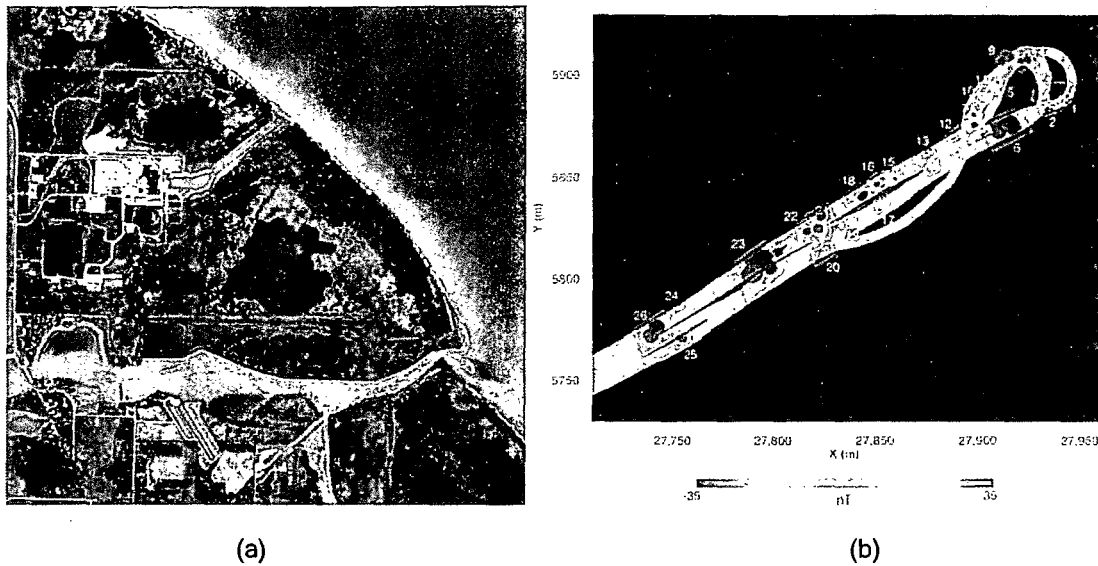


Figure 11. (a) Magnetometer data collected in the Toussaint River using the MTA and (b) a close up view of the data showing the individual targets selected for validation

#### 4.2 Helicopter Magnetometer

Helicopter Magnetometer surveys began on September 9th. The initial area surveyed was within the Camp Perry exclusion area to coordinate with dates that Camp Perry suspended firing activities to accommodate the survey. Surveying continued through the morning of September 16<sup>th</sup>; on the morning of the 16<sup>th</sup>, the survey ended when pilot error caused an incident resulting in the helicopter landing in the water. While the helicopter was severely damaged, the pilot and sensor operator escaped without injury. Approximately 80% of the planned surveys were completed prior to the accident.

At the Toussaint River site, the distance of the sensor above potential targets was increased by the water depth. This resulted in significant reduction of anomaly amplitudes compared to surveys conducted over land (particularly in deeper water). There was a corresponding reduction in signal to noise of the targets. A total of 1,904 anomalies were selected from the data to assess the distribution of metal objects across the study area. Figure 12 illustrates the locations of these anomalies and their densities over the WAA study area. Scattered anomalies are seen throughout and several concentrations are identified in the very near shore area.

Of the 1904 anomalies detected, 1155 had sufficient signal to be analyzed to estimate target parameters. The size estimates for the vast majority of these targets corresponded to objects of 150 mm or larger. These size estimates are consistent with the large projectiles known to have been fired on the site, which are expected to be within the detection capability of the helicopter system.



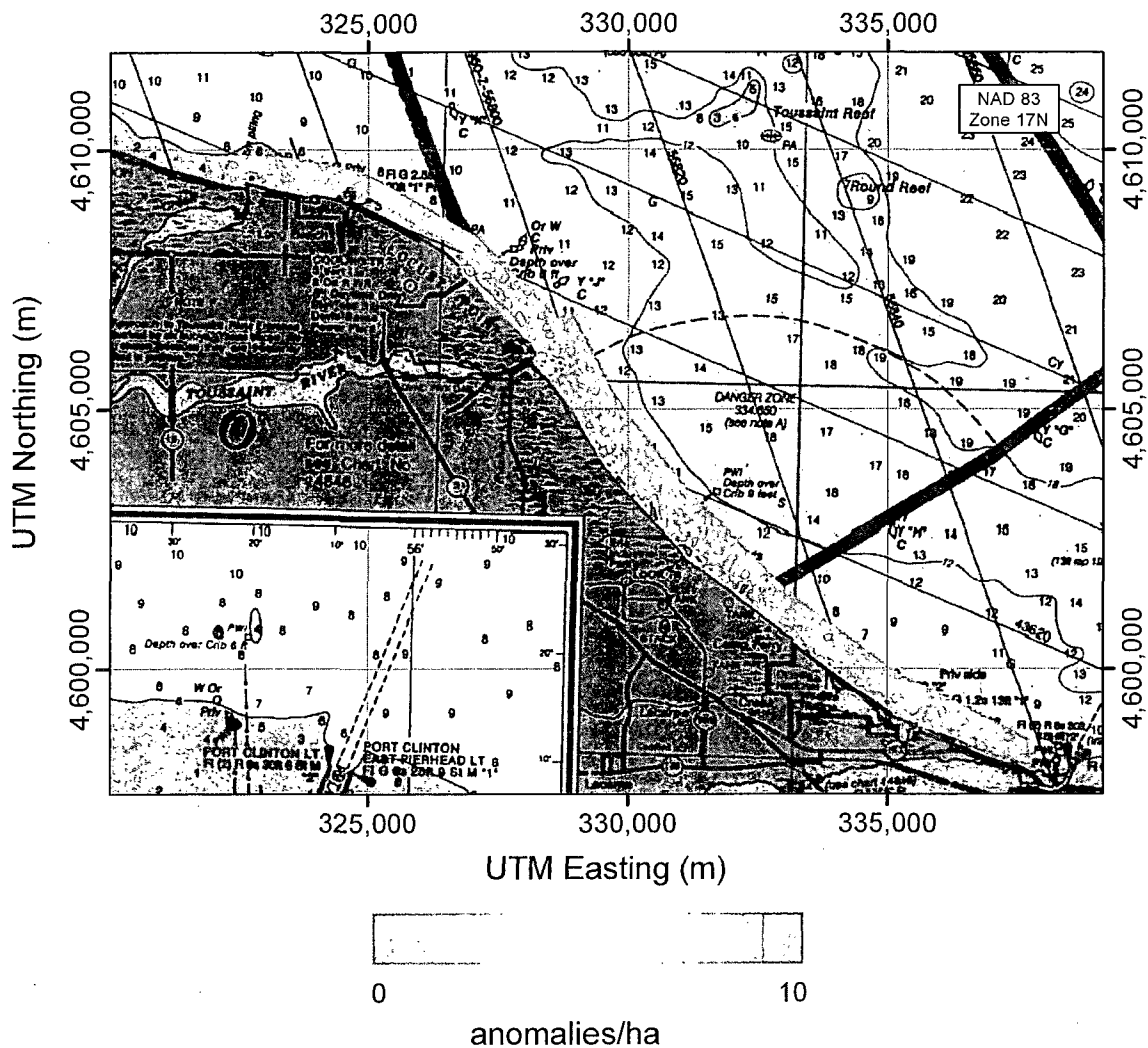


Figure 12. Magnetic anomaly density estimates from the helicopter magnetometer survey

#### 4.3 Validation

Based upon the analysis of the MTA survey and the Airborne survey, 255 targets were selected for validation. Divers were directed to the locations of these targets to investigate the objects that gave rise to the detections. Where possible, each anomaly on the dig list was carefully uncovered (if possible) so that it could be examined to identify the item, its condition, and to determine if it could be brought to the surface. Figure 13 shows an example of ordnance recovered from Lake Erie. In some cases, the bottom composition precluded access to and/or identification of the anomaly. In other cases, the bottom composition allowed enough access to identify the anomaly, but recovery of the item was not feasible. In a few cases, the items were deemed unsafe to move.





Figure 13. Ordnance recovered from Lake Erie during validation

During the intrusive investigation phase of this demonstration project, a total of 229 anomalies were reacquired, investigated, and documented. Figure 14 summarizes the results from the main impact area in the Lake. Of 186 items investigated in this area, 141 were munitions or munitions debris, ranging in size from 37-mm projectiles to 155-mm projectiles, with one general purpose bomb identified near West Sister Island. The two 37-mm projectiles are likely the result of the divers retrieving the incorrect target, since it is unlikely that either detection system has the sensitivity to detect these small items under the conditions of this survey. Approximately 25% of the targets validated produced inconclusive results because the targets were too deep, the bottom conditions did not permit identification, or the original signal was a results of naturally occurring geology.

No high-explosives (HE) filled projectiles were recovered during the intrusive investigations at Lake Erie. However, 33 MEC items were identified that could not be recovered either because of the way they were fuzed or because they were not sufficiently accessible to determine their fuzing. Eleven of the intrusive investigations resulted in identification of shrapnel that resulted from high order detonation of projectiles. It is apparent that a fraction of projectiles fired on this range were HE filled.

Of the 28 intrusive investigations made in the Toussaint River, there were no UXO recoveries or identifications. However, for 21 of the 28 targets that were investigated, the diver either failed to identify any target or the analyst concluded that he recovered a target different from the one specified in the target list. There is insufficient information resulting from the investigations in the Toussaint River to determine whether UXO is present.



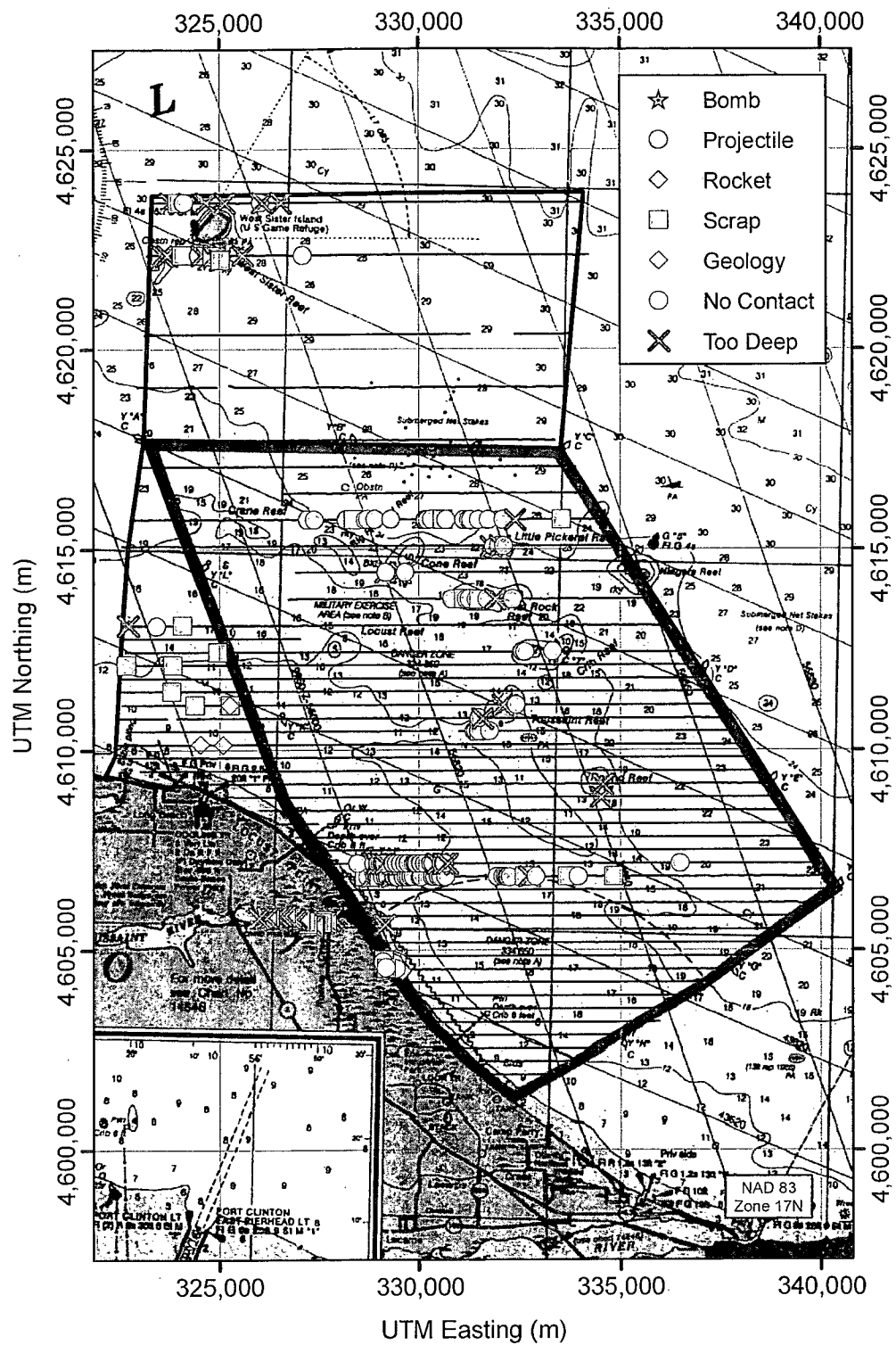


Figure 14. Validation results.



One item of note is the GP bomb recovered near West Sister Island. It can only have resulted from an air drop, and thus tends to confirm the speculation that the island might have been used as a bombing target. However, one bomb recovery does not establish a bombing target. Investigations on the island proper would likely prove much more useful for resolving this issue. A simple surface inspection might be adequate to establish the presence of air dropped weapons. In addition, one would also expect to find 155 mm projectiles on the island, which is within range for this ordnance.

#### **4.4 Discussion and Conclusions**

The primary result of this work is a comprehensive and detailed characterization of the munitions present in the vicinity of the Toussaint River, including the locations and estimated densities from the analysis of the transect data.

##### **Lake Erie**

Figure 15 shows the extent of the munitions detected and an estimate of the density of items per acre. From this analysis, we estimate more than 300,000 anomalies will require investigation in an area encompassing approximately 8000 acres, if the impact area were to be cleaned up. Validation of a sampling of more than 200 targets yielded munitions in the impact area ranging in size from 37 mm to 155 mm, with one general purpose bomb discovered near West Sister Island.

In summary, the density and general distribution of ordnance found in this demonstration survey and from the intrusive recovery of selected anomalies is consistent with the long and intense use of these ranges for proof testing a range of projectiles and guns. More than 70% of the ordnance recoveries were 90 mm, 105 mm, and 155 mm projectiles.

The demonstration produced no evidence that parts of these ranges were used to dump large caches of ordnance from barges when the range was closed for proof testing. However, the overall anomaly density in the impact is quite high and the transects, particularly on the northern half of our survey, were quite widely spaced. It is possible that barges of ordnance could have been dumped and not detected by our transect surveys.

##### **Toussaint River**

Accessible areas of the Toussaint River were surveyed by the MTA. In general, the system surveyed areas where the water depth and the width of the channel permitted operation. This was limited to a narrow swath in the deepest part of the river. Twenty-eight targets were identified for validation in the river. All anomalies in the river that were investigated proved to be nonmunitions clutter.

##### **Beach and Near Shore**

The helicopter magnetometer array surveyed the beach and near-shore, shallow-water areas. Coverage on the beach was minimal, since it is very narrow and lined with trees. Nearly 2000 targets were identified in the data, with several concentrations very near the shore line. All of the targets that could be characterized are consistent in size with large projectiles. Smaller



objects may be present, but they would not necessarily be detected with this system. Validation of 18 targets in this area produced 9 munitions items (155-mm projectiles and 2.75-in rockets), as well as 4 non-UXO objects, 2 items too deep to identify and 3 no contacts, which may be a result of mobility between the time of the survey and the recovery.

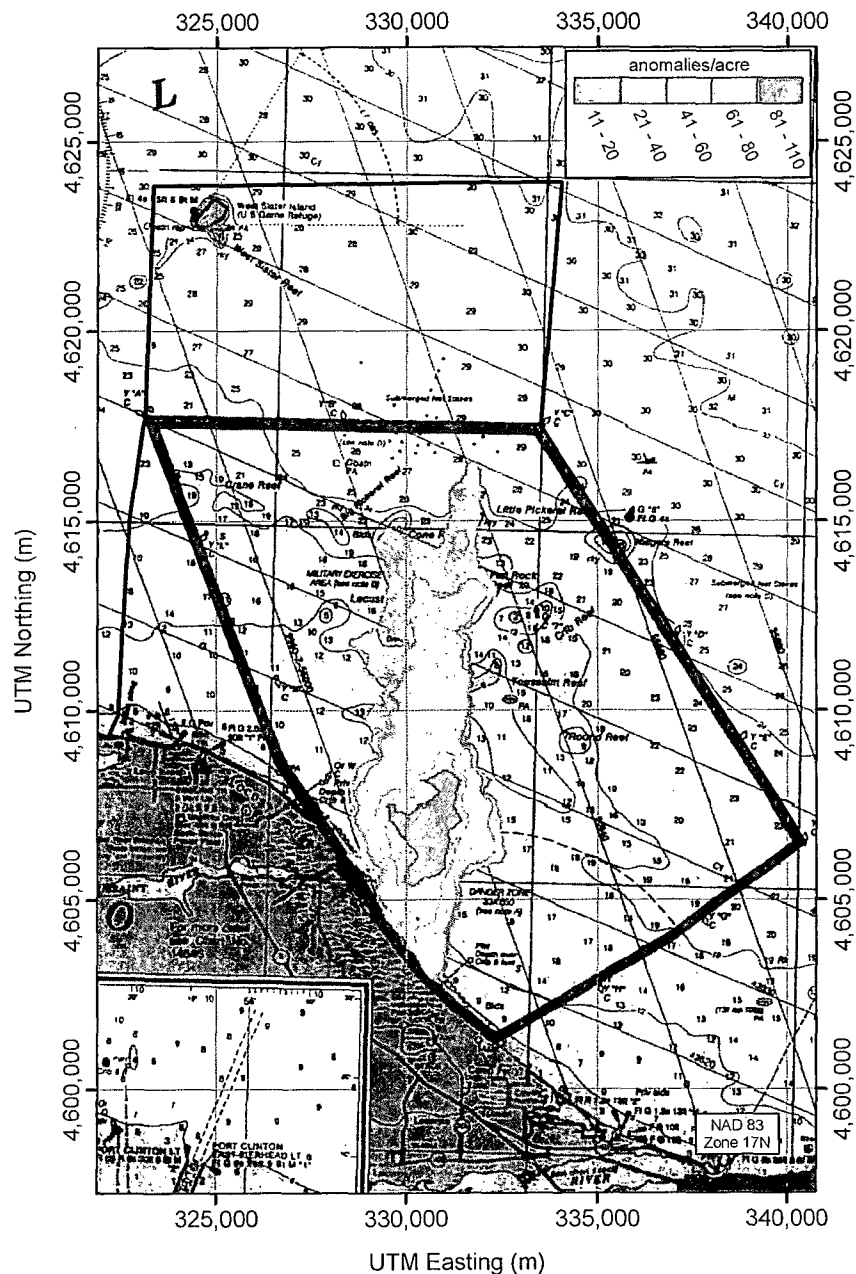


Figure 15. Estimate of the extent and density of munitions contamination in Lake Erie. The highlighted area contains approximately 300,000 targets and encompasses about 8000 acres.



## 5. References

1. Archive Search Report of the Former Erie Army Depot, Port Clinton, Ohio, Report Number A015, Environmental Science and Engineering, Inc, January 1982.
2. Archive Search Report, Findings for the Former Erie Army Depot, Carroll Township, Ohio, Army Corps of Engineers, Rock Island District, August 1993.
3. Unexploded Ordnance Support for the Toussaint River Dredging Demonstration Project, Ottawa County, Ohio, Human Factors Applications, Inc, Final Removal Report, February 1996
4. Pope, J, et al, "Beach and Underwater Occurrence of Ordnance at Former Defense Site: Erie Army Depot, OH," Technical Report CERC-96-1, US Army Corps of Engineers, Waterways Experimental Station.
5. McDonald, Jim, "The MTA UXO Survey and Target Recovery on Lake Erie at the Former Erie Army Depot," 2007.
6. Sky Research, "Demonstration of Airborne Wide Area Assessment Technologies at the Toussaint River, Ohio," 2007.
7. Pulsipher, Brent, J. Hathaway, S. McKenna and B. Roberts, "Initial Lake Erie Transect Design Analysis," 2007



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11. *Final Site Investigation Report Erie Army Depot*  
*(on attached CD)*



*12. Locust Point Finding and Determination of Eligibility*



DEFENSE ENVIRONMENTAL RESTORATION PROGRAM  
FOR  
FORMERLY USED DEFENSE SITES  
FINDINGS AND DETERMINATION OF ELIGIBILITY

**Locust Point Anti-Aircraft Artillery Firing Area**

FUDS Property Number G05OH0996  
Federal Facility ID Number OH9799F9796  
**Ottawa County, Ohio**

FINDINGS OF FACT

1. The former Locust Point Anti-Aircraft Artillery (AAA) Firing Area is a 69.32-acre property located on the south shore of Lake Erie near the town of Locust Point, Ottawa County, Ohio. The property is located approximately at latitudinal and longitudinal coordinates 41° 35' 44" North and 83° 4' 3" West. The property lies in Sections 1 and 6, Township 7 North, Range 15 East.
2. The Locust Point AAA Firing Area was on property leased by the United States of America from the State of Ohio from 1 February 1953 to 31 August 1963 (Lease No. DA-15-029 ENG-1320). During that time the property was used as an anti-aircraft artillery range which supported the Erie Ordnance Depot (FUDS Property Number G05OH0027). The anti-aircraft artillery range consisted of three firing points numbered one, two, and three, from west to east along the south shore of Lake Erie. Points one and two were located at the Locust Point AAA Firing Area. Point number three was located on a separate property, Camp Perry, approximately 8 ½ miles east of the Locust Point AAA Firing Area. Each firing point was equipped with a fifty foot safety tower, which had a siren and horn. Targets consisted of radio-controlled aircraft and towed targets.
3. Lease No. DA-15-029 ENG-1320 expired on 31 August 1963. There is no documentation that suggests the lease was terminated prior to this date. The 69.32-acre former Locust Point AAA Firing Area property is currently located within a privately owned, 733-acre wildlife refuge. According to the Energy Information Administration, the wildlife refuge is part of a larger 954-acre property, which is jointly owned by Cleveland Electric Illuminating Company (51.4%) and Toledo Edison Company (48.6%).



DEFENSE ENVIRONMENTAL RESTORATION PROGRAM  
FOR  
FORMERLY USED DEFENSE SITES  
FINDINGS AND DETERMINATION OF ELIGIBILITY

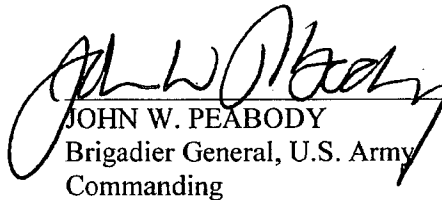
**Locust Point Anti-Aircraft Artillery Firing Area**

FUDS Property Number G05OH0996  
Federal Facility ID Number OH9799F9796  
**Ottawa County, Ohio**

DETERMINATION

Based on the foregoing findings of fact, the 69.32-acre property has been determined to have been under the jurisdiction of the Secretary of Defense and owned by, leased to, or otherwise possessed by the United States prior to 17 October 1986. This property is therefore eligible for inclusion into the Defense Environmental Restoration Program - Formerly Used Defense Sites established under 10 USC 2701 et seq.

17 April, 2009  
Date

  
JOHN W. PEABODY  
Brigadier General, U.S. Army  
Commanding



13. *Toussaint River Erie Army Depot Timeline of Events*



# Former Erie Army Depot

- 1990-1991 – Toussaint River dredging project approved by ASA; initial dredging commences but is stopped due to discovery of ordnance.
- 1992 – FUDS Time Critical Removal Action conducted (East of the Toussaint River approximately 3 miles east along the beach)
- 1993 – Archive Search Report complete
- 1995 – USACE Demonstration Dredging Project utilizes clamshell dredge with engineering controls to mitigate UXO hazards.
- 1996 – USACE evaluates ordnance density and distribution.
- 1999 – Toussaint River dredging conducted using specially armored dredges.
- 2001 – Toussaint River dredging conducted using specially armored dredges.
- 2000 – USACE conducts UXO Survey identifies material potentially presenting an explosive hazard on the FUDS beach area and shallow waters.
- 2002 – FUDS Time Critical Removal Action conducted (beach area and shallow water from Toussaint River to Camp Perry)
- 2004 – Toussaint River dredging conducted using specially armored dredges.
- 2004 – USACE completes two-year Ordnance Migration Study
- 2004 – Engineering Evaluation / Cost Analysis (EE/CA) awarded to Zapata Engineering
- 2005 – Public Meeting held to initiate open review period for draft final EE/CA for the Wet/Dry Impact Areas & West Sister Island.
- 2006 – Final EE/CA issued for Wet/Dry Impact Areas & West Sister Island; recommends surface removal (Wet/Dry areas) and installation of institutional controls
- 2007 (May) – Action Memorandum for Wet/Dry Impact Areas & West Sister Island (unsigned due to PRP and ongoing ARAR issues with Ohio EPA concerning blow-in-place and wetlands ) USACE notifies Ohio EPA of PRP project intent
- 2007 – Final EE/CA issued for Beach Area; Action Memorandum for Beach Area is signed (Jun)

## Legend:

- = Dredging related
- = Removal Action
- = PRP / Ohio EPA Dispute related



# Chronology of Events – Toussaint River & The Former Erie Army Depot

- ¶ 2007 (Aug) – USACE conducts Technical Project Planning teleconference – All attendees concur Site Investigation conclusions for Lake Impact area; Ohio EPA does “not” concur with PRP only investigation at Wet/Dry Impact areas.
- ¶ 2007 (Sep) – USACE awards Land Use History Report (LUHR) and Property Records Summary Report (PRSR) contracts to investigate land use and ownership history. Documents are attorney work product/ FOUO and for USACE view only
- ¶ 2008 (Jun) – Final Site Inspection Report Issued; recommends further investigation under PRP project in accordance with FUDS policy.
- 2008 (Jul) – FUDS Non-Time Critical Removal Action conducted on the beach area, in addition warning signs placed at Beach, Wet/Dry Impact Areas, and West Sister Island.
- ¶ 2008 (Jul- Aug) – Draft LUHR and PRSR are issued for review by USACE.
- ¶ 2008 (Sept) – Ohio EPA (Bonnie Buthker) testifies to U.S. Senate Environment & Public Works Committee protesting USACE policy to investigate PRP prior to conducting removal action and uses Erie Army Depot as an example.
- ¶ 2008 (Oct) – USACE conducts stakeholder meeting; communicates FUDS PRP policy and process to stakeholders (including Ohio EPA)
- ¶ 2008 (Nov) - USACE initiate discussions with current landowners about operations and records access which has been subsequently denied
- 2008 (Dec) – Non-FUDS (Congresswoman Kaptur – Office of Economic Adjustment) Beach Removal Action begins, but suspended due to freezing conditions. Currently scheduled to re-mobilize Sep 2009
- ¶ 2009 (Apr) – Revised INPR signed approving site-wide PRP project
- ¶ 2009 (May) – May 1, 2009 Ohio EPA invokes Dispute Resolution requesting USACE to revoke PRP project and initiate removal action in Wet/Dry Impact Areas; May 8, 2009 USACE requests 20-day extension to write position paper; May 11, 2009 Ohio EPA grants 20-day extension; May 12, LRL request Level 1 (Section IV Paragraph 1 of DSMOA) discussions; May 13, Ohio EPA disagrees to Level 1 discussions seeks Tier 1; May 15, LRL requests 1 day extension of tolled 10-day resolution deadline to June 8 in order to engage in Tier 1; May 19, Ohio agrees to 1-day extension; May 28, Corps position paper due
- ¶ 2009 (June) – Tier 1 Dispute Resolution meeting scheduled for Monday, June 8

## Legend:

- = Dredging related
- = Removal Action
- ¶ = PRP / Ohio EPA Dispute related



14. *Sanborn EDR Map I*



**Locust Point A**

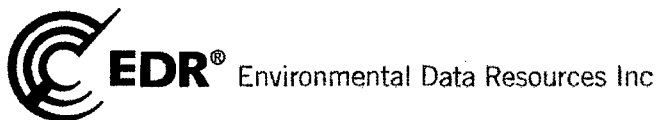
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Oak Harbor, OH 43449

Inquiry Number: 2658783.3

December 14, 2009

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15. *Sanborn EDR Map 2*



**Locust Point B**

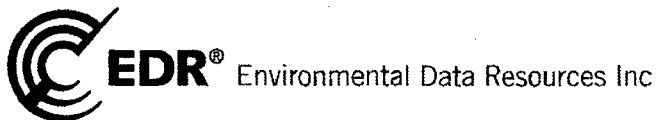
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**Project:** NA  
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16. *Radius EDR Report 1*



**Locust Point A**

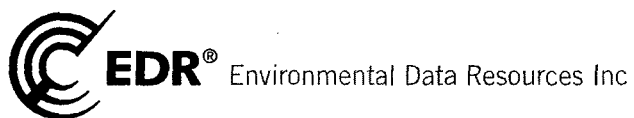
Rural Rd

Oak Harbor, OH 43449

Inquiry Number: 2658783.2s

December 14, 2009

**The EDR Radius Map™ Report with GeoCheck®**



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



## TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	7
Orphan Summary .....	16
Government Records Searched/Data Currency Tracking .....	GR-1
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting SSURGO Soil Map .....	A-5
Physical Setting Source Map .....	A-8
Physical Setting Source Map Findings .....	A-9
Physical Setting Source Records Searched .....	A-15

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

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

RURAL RD  
OAK HARBOR, OH 43449

#### COORDINATES

Latitude (North):	41.595900 - 41° 35' 45.2"
Longitude (West):	83.088400 - 83° 5' 18.2"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	325944.3
UTM Y (Meters):	4606804.5
Elevation:	574 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	41083-E1 LACARNE, OH
Most Recent Revision:	1980

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2005, 2006
Source:	USDA

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

#### *Federal NPL site list*

NPL..... National Priority List



## EXECUTIVE SUMMARY

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

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

Delisted NPL..... National Priority List Deletions

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

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

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

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

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

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

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

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

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

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls

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

ERNS..... Emergency Response Notification System

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

SHWS..... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal  
NPL list.  
DERR..... Division of Emergency & Remedial Response's Database

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

SWF/LF..... Licensed Solid Waste Facilities

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

LUST..... Leaking Underground Storage Tank File  
UNREG LTANKS..... Ohio Leaking UST File  
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

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

UST..... Underground Storage Tank File  
INDIAN UST..... Underground Storage Tanks on Indian Land

### ***State and tribal institutional control / engineering control registries***

ENG CONTROLS..... Sites with Engineering Controls



## EXECUTIVE SUMMARY

INST CONTROL..... Sites with Institutional Engineering Controls  
HIST INST CONTROLS..... Institutional Controls Database  
HIST ENG CONTROLS..... Operation & Maintenance Agreements Database

### ***State and tribal voluntary cleanup sites***

VCP..... Voluntary Action Program Sites  
INDIAN VCP..... Voluntary Cleanup Priority Listing

### ***State and tribal Brownfields sites***

BROWNFIELDS..... Ohio Brownfield Inventory

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

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

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

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODL..... Open Dump Inventory  
HIST LF..... Old Solid Waste Landfill  
INDIAN ODL..... Report on the Status of Open Dumps on Indian Lands

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

US CDL..... Clandestine Drug Labs  
CDL..... Clandestine Drug Lab Locations  
US HIST CDL..... National Clandestine Laboratory Register

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

ARCHIVE UST..... Archived Underground Storage Tank Sites

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

LIENS 2..... CERCLA Lien Information  
LUCIS..... Land Use Control Information System

#### ***Records of Emergency Release Reports***

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Emergency Response Database

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

RCRA-NonGen..... RCRA - Non Generators  
DOT OPS..... Incident and Accident Data  
DOD..... Department of Defense Sites  
FUDS..... Formerly Used Defense Sites  
CONSENT..... Superfund (CERCLA) Consent Decrees  
ROD..... Records Of Decision



## EXECUTIVE SUMMARY

UMTRA.....	Uranium Mill Tailings Sites
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
TOWNGAS.....	DERR Towngas Database
UIC.....	Underground Injection Wells Listing
DRYCLEANERS.....	Drycleaner Facility Listing
NPDES.....	NPDES General Permit List
AIRS.....	Title V Permits Listing
USD.....	Urban Setting Designation Sites
HIST USD.....	Urban Setting Designations Database
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH.....	Coal Ash Disposal Site Listing

### EDR PROPRIETARY RECORDS

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

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

### STANDARD ENVIRONMENTAL RECORDS

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



## EXECUTIVE SUMMARY

**CORRACTS:** CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/15/2009 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DAVIS-BESSE NUCLEAR POWER STAT	5501 NORTH STATE ROUTE	NW 1/2 - 1 (0.645 mi.)	1	7

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

**DERR:** The DERR database is an index of sites for which Ohio EPA maintains files. It includes sites with known or suspected contamination, but a site's inclusion in the database does not mean that it is now or has ever been contaminated.

A review of the DERR list, as provided by EDR, and dated 09/08/2009 has revealed that there is 1 DERR site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DAVIS-BESSE NUCLEAR POWER STAT	5501 NORTH STATE ROUTE	NW 1/2 - 1 (0.645 mi.)	1	7



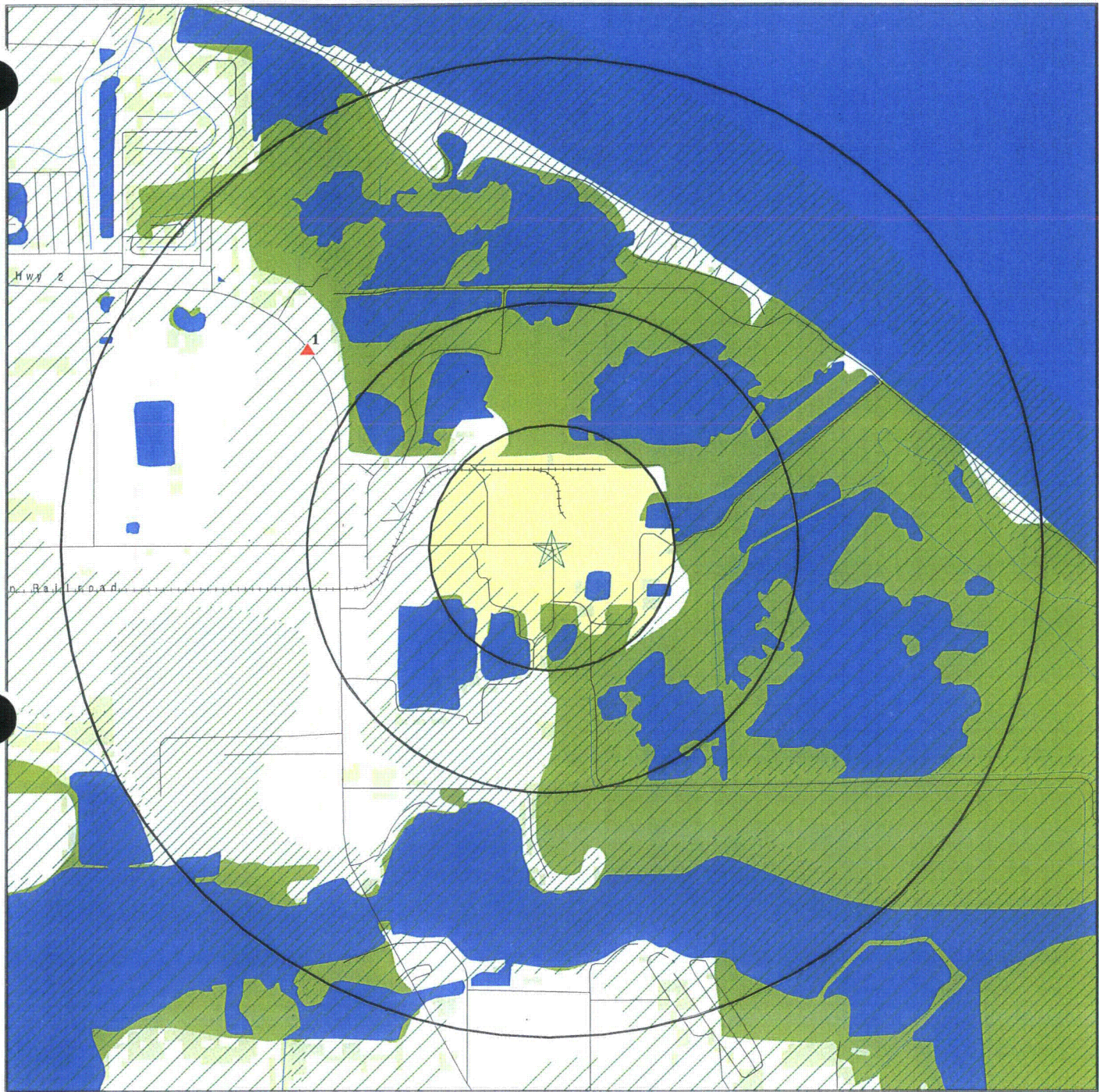
## EXECUTIVE SUMMARY

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

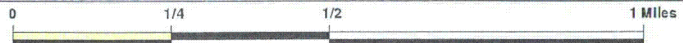
<u>Site Name</u>	<u>Database(s)</u>
15765 W HC 2	RCRA-TSDF, RCRA-CESQG, FINDS
SHAW'S COUNTRY CORNER	LUST
GLENN D. LACY/MARJORIE J. LACY/&	LUST
FLORO'S CAMPING	LUST
OTTAWA COUNTY NURSING	LUST
OTTAWA NAT'L WILDLIFE REFUGEE	LUST
SHAW'S COUNTRY CORNER	UST
OTTAWA NATL WILDLIFE REFUGEE	UST
RICHS SUNOCO	UST
UNION 76 STATION	UST
WWII INC	UST
TWO 2'S DRIVE THRU	UST
GLENN D. LACY/MARJORIE J. LACY/&	UST
FORMER ZIBBEL BLDG PROD	UST
W STATE	RCRA-CESQG, FINDS
TURTLE POINT MARINA	SPILLS
MR KENNY KAISER/ TURTLE POINT MARI	SPILLS



# OVERVIEW MAP - 2658783.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands



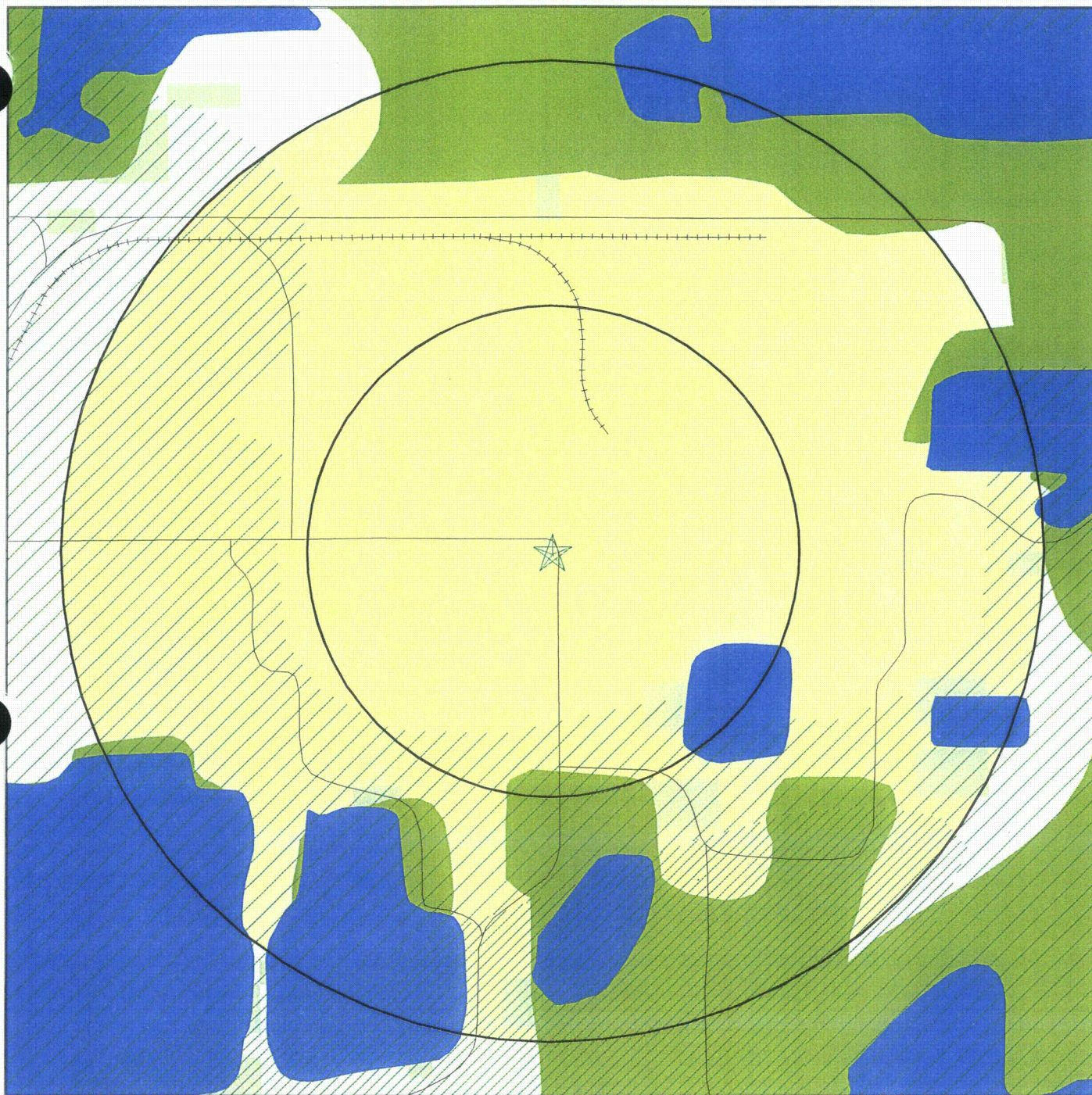
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Locust Point A  
 ADDRESS: Rural Rd  
 Oak Harbor OH 43449  
 LAT/LONG: 41.5959 / 83.0884

CLIENT: Shaw Environmental & Infrastructure  
 CONTACT: Jennifer Lillis  
 INQUIRY #: 2658783.2s  
 DATE: December 14, 2009 12:18 pm



# DETAIL MAP - 2658783.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ▲ Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

0 1/16 1/8 1/4 Miles

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

SITE NAME: Locust Point A  
 ADDRESS: Rural Rd  
 Oak Harbor OH 43449  
 LAT/LONG: 41.5959 / 83.0884

CLIENT: Shaw Environmental & Infrastructure  
 CONTACT: Jennifer Lillis  
 INQUIRY #: 2658783.2s  
 DATE: December 14, 2009 12:20 pm



## MAP FINDINGS SUMMARY

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



## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN UST		0.250	0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
HIST INST CONTROLS		0.500	0	0	0	NR	NR	0
HIST ENG CONTROLS		0.500	0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
HIST LF		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
ARCHIVE UST		0.250	0	0	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0



## 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
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
TOWNGAS		1.000	0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
USD		0.500	0	0	0	NR	NR	0
HIST USD		0.500	0	0	0	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0

### EDR PROPRIETARY RECORDS

#### *EDR Proprietary Records*

Manufactured Gas Plants	1.000	0	0	0	0	NR	0
-------------------------	-------	---	---	---	---	----	---

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1  
NW  
1/2-1  
0.645 mi.  
3406 ft.

**DAVIS-BESSE NUCLEAR POWER STATION**  
**5501 NORTH STATE ROUTE 2**  
**OAK HARBOR, OH 43449**

**CERC-NFRAP** 1000201474  
**CORRACTS** OHD000720508  
**RCRA-SQG**  
**FINDS**  
**DERR**  
**MANIFEST**

Relative:  
Equal

CERC-NFRAP:

Site ID: 0507044  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: Deferred to RCRA

Actual:  
574 ft.

CERCLIS-NFRAP Site Contact Name(s):

Contact Title: RESPONSIBLE PARTY INVESTIGATOR  
Contact Name: JANET PFUNDHELLER  
Contact Tel: (312) 353-5821

Program Priority:

Description: Great Lakes

Description: RCRA Deferral Audit

Description: RCRA Deferral - Lead Confirmed

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 08/14/1992  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: Not reported  
Date Completed: 01/13/1993  
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE  
Date Started: Not reported  
Date Completed: 12/27/1995  
Priority Level: Not reported

CORRACTS:

EPA ID: OHD000720508  
EPA Region: 05  
Area Name: ENTIRE FACILITY  
Actual Date: 12/28/1992  
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority  
NAICS Code(s): 221113  
Nuclear Electric Power Generation  
Original schedule date: Not reported  
Schedule end date: Not reported

RCRA-SQG:

Date form received by agency: 02/23/2007



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DAVIS-BESSE NUCLEAR POWER STATION (Continued)

1000201474

Facility name: DAVID-BESSE NUCLEAR POWER STATION  
Facility address: 5501 N STATE RTE 2  
OAK HARBOR, OH 43449  
EPA ID: OHD000720508  
Contact: STEPHEN M CHIMO  
Contact address: Not reported  
Not reported  
Contact country: Not reported  
Contact telephone: (419) 321-7149  
Contact email: smchimo@firstenergycorp.com  
EPA Region: 05  
Land type: Private  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: FIRSTENERGY NUCLEAR OPERATING CO  
Owner/operator address: 5501 N STE RTE 2  
OAK HARBOR, OH 43449  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 12/21/1998  
Owner/Op end date: Not reported

Owner/operator name: FIRSTENERGY NUCLEAR GENERATION CORP  
Owner/operator address: 76 S MAIN ST  
AKRON, OH 44308  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 12/16/2005  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAVIS-BESSE NUCLEAR POWER STATION (Continued)**

**1000201474**

Off-site waste receiver: Commercial status unknown

**Universal Waste Summary:**

Waste type: Batteries  
Accumulated waste on-site: Yes  
Generated waste on-site: No

Waste type: Lamps  
Accumulated waste on-site: Yes  
Generated waste on-site: No

Waste type: Pesticides  
Accumulated waste on-site: No  
Generated waste on-site: No

Waste type: Thermostats  
Accumulated waste on-site: No  
Generated waste on-site: No

**Historical Generators:**

Date form received by agency: 12/27/2005  
Facility name: DAVID-BESSE NUCLEAR POWER STATION  
Site name: DAVIS BESSE POWER STATION  
Classification: Small Quantity Generator

Date form received by agency: 02/23/2005  
Facility name: DAVID-BESSE NUCLEAR POWER STATION  
Site name: DAVIS-BESSE NUCLEAR POWER STATION  
Classification: Small Quantity Generator

Date form received by agency: 02/24/2004  
Facility name: DAVID-BESSE NUCLEAR POWER STATION  
Site name: DAVID-BESSE NUCLEAR POWER STA  
Classification: Small Quantity Generator

Date form received by agency: 02/18/2000  
Facility name: DAVID-BESSE NUCLEAR POWER STATION  
Site name: DAVIS-BESSE NUCLEAR POWER STATION  
Classification: Small Quantity Generator

Date form received by agency: 11/30/1998  
Facility name: DAVID-BESSE NUCLEAR POWER STATION  
Site name: DAVIS BESSE POWER STATION  
Classification: Small Quantity Generator

Date form received by agency: 02/25/1992  
Facility name: DAVID-BESSE NUCLEAR POWER STATION  
Site name: DAVIS BESSE NUCLEAR POWER STATION  
Classification: Large Quantity Generator

Date form received by agency: 11/19/1980  
Facility name: DAVID-BESSE NUCLEAR POWER STATION  
Site name: DAVIS BESSE POWER STATION  
Classification: Not a generator, verified

Date form received by agency: 01/01/1979



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DAVIS-BESSE NUCLEAR POWER STATION (Continued)

1000201474

Facility name: DAVID-BESSE NUCLEAR POWER STATION  
Site name: DAVIS BESSE POWER STATION  
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D004  
Waste name: ARSENIC

Waste code: D005  
Waste name: BARIUM

Waste code: D006  
Waste name: CADMIUM

Waste code: D007  
Waste name: CHROMIUM

Waste code: D008  
Waste name: LEAD

Waste code: D010  
Waste name: SELENIUM

Waste code: D011  
Waste name: SILVER

Waste code: D018  
Waste name: BENZENE

Waste code: D035  
Waste name: METHYL ETHYL KETONE

Waste code: D039  
Waste name: TETRACHLOROETHYLENE

Waste code: F001  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DAVIS-BESSE NUCLEAR POWER STATION (Continued)

1000201474

FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: U057  
Waste name: CYCLOHEXANONE (I)

Waste code: U092  
Waste name: DIMETHYLAMINE (I)

Waste code: U107  
Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER

Waste code: U121  
Waste name: METHANE, TRICHLOROFLUORO-

Waste code: U159  
Waste name: 2-BUTANONE (I,T)

Waste code: U190  
Waste name: 1,3-ISOBENZOFURANDIONE



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DAVIS-BESSE NUCLEAR POWER STATION (Continued)

1000201474

Biennial Reports:

Last Biennial Reporting Year: 2007

Annual Waste Handled:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.  
Amount (Lbs): 7497.8

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.  
Amount (Lbs): 966

Waste code: D005  
Waste name: BARIUM  
Amount (Lbs): 16

Waste code: D008  
Waste name: LEAD  
Amount (Lbs): 16

Waste code: D035  
Waste name: METHYL ETHYL KETONE  
Amount (Lbs): 102

Waste code: U057  
Waste name: CYCLOHEXANONE (I)  
Amount (Lbs): 182

Waste code: U121  
Waste name: METHANE, TRICHLOROFLUORO-  
Amount (Lbs): 102

Waste code: U159  
Waste name: 2-BUTANONE (I,T)  
Amount (Lbs): 102

Corrective Action Summary:

Event date: 12/28/1992  
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event date: 07/01/2006  
Event: CA001



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DAVIS-BESSE NUCLEAR POWER STATION (Continued)

1000201474

Facility Has Received Notices of Violations:

Regulation violated: SR - 3745-65-52(E)  
Area of violation: Generators - Pre-transport  
Date violation determined: 02/12/2004  
Date achieved compliance: 03/16/2004  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/27/2004  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 3745-65-52(C)  
Area of violation: Generators - Pre-transport  
Date violation determined: 02/12/2004  
Date achieved compliance: 03/16/2004  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/27/2004  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-34(A)(2)  
Area of violation: Generators - Pre-transport  
Date violation determined: 02/12/2004  
Date achieved compliance: 03/16/2004  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/27/2004  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 03/22/2004  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 02/12/2004  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 03/16/2004  
Evaluation lead agency: State



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAVIS-BESSE NUCLEAR POWER STATION (Continued)**

**1000201474**

Evaluation date: 06/10/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

**FINDS:**

Registry ID: 110009489017

**Environmental Interest/Information System**

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

**DERR:**

DERR ID: 362001780  
District: NWDO  
Alias: Not reported  
Lat/Long: 41.601829000000002 -83.098200000000006  
EPA ID: OHD000720508  
Program: Not reported  
Contact Phone: (419) 352-8461

**MANIFEST:**

GEN Cert Date: 9/5/2001  
Transporter Recpt Date: 1/2/2003  
Number Of Containers: 0  
Container Type: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DAVIS-BESSE NUCLEAR POWER STATION (Continued)

1000201474

Waste Code1: U133  
Waste Code2: Not reported  
Waste Code3: Not reported  
Comment: Not reported  
Fee Exempt Code: Not reported  
TSDF Name: NORTHLAND ENVIRONMENTAL INC.  
TSDF ID: RID040098352  
TSDF Date: Not reported  
Date Imported: 9/5/2003 1:26:58 PM  
Transporter 2 Name: Not reported  
Transporter 2 ID: Not reported  
Manifest Docket Number: Not reported  
Waste Description: Not reported  
Quantity: Not reported  
WT/Vol Units: Not reported  
Item Number: Not reported  
Transporter Name: Not reported  
Transporter EPA ID: Not reported  
GEN Cert Date: Not reported  
Transporter Recpt Date: Not reported  
Transporter 2 Recpt Date: Not reported  
TSDF Recpt Date: Not reported  
EPA ID: Not reported  
Transporter 2 ID: Not reported



## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
OAK HARBOR	1001969081		15765 W HC 2	43449	RCRA-TSDF, RCRA-CESQG, FINDS
OAK HARBOR	S105843736	TURTLE POINT MARINA	10275 LAKEWHORE BLVD	43449	SPILLS
OAK HARBOR	U004100882	SHAW'S COUNTRY CORNER	12940 STATE ROUTE 2	43449	UST
OAK HARBOR	U004098341	OTTAWA NATL WILDLIFE REFUGEE	14000 STATE ROUTE 2	43449	UST
OAK HARBOR	U004099823	RICH'S SUNOCO	4625 N STATE HIGHWAY 2	43449	UST
OAK HARBOR	U004103015	UNION 76 STATION	3490 N STATE HIGHWAY 2	43449	UST
OAK HARBOR	S104778478	SHAW'S COUNTRY CORNER	12940 STATE ROUTE 2	43449	LUST
OAK HARBOR	S104778511	GLENN D. LACY/MARJORIE J. LACY/&	9685 STATE ROUTE 2	43449	LUST
OAK HARBOR	S108517359	FLORO'S CAMPING	3585 N STATE HIGHWAY 2	43449	LUST
OAK HARBOR	U003877722	WWII INC	9055 STATE ROUTE 2	43449	UST
OAK HARBOR	U003994184	TWO 2'S DRIVE THRU	4975 N STATE HIGHWAY 2	43449	UST
OAK HARBOR	S109350874	OTTAWA COUNTY NURSING	8180 W STATE HIGHWAY 163	43449	LUST
OAK HARBOR	1006810956		W STATE	43449	RCRA-CESQG, FINDS
OAK HARBOR	S104258928	OTTAWA NAT'L WILDLIFE REFUGEE	14000 STATE ROUTE 2	43449	LUST
OAK HARBOR	U004092116	GLENN D. LACY/MARJORIE J. LACY/&	9685 STATE ROUTE 2	43449	UST
OAK HARBOR	U004091466	FORMER ZIBBEL BLDG PROD	11859 STATE ROUTE 105	43449	UST
OAK HARBOR	S105733425	MR KENNY KAISER/ TURTLE POINT MARI	TURTLE PT	43449	SPILLS



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

### STANDARD ENVIRONMENTAL RECORDS

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

##### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/01/2009	Source: EPA
Date Data Arrived at EDR: 10/14/2009	Telephone: N/A
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

##### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

##### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/01/2009	Source: EPA
Date Data Arrived at EDR: 10/14/2009	Telephone: N/A
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

##### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/17/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: No Update Planned



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

#### **DELISTED NPL: National Priority List Deletions**

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/01/2009	Source: EPA
Date Data Arrived at EDR: 10/14/2009	Telephone: N/A
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

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

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/30/2009	Source: EPA
Date Data Arrived at EDR: 08/11/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 11/23/2009
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/11/2010
	Data Release Frequency: Quarterly

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

#### **CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned**

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 11/24/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Quarterly

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

#### **CORRACTS: Corrective Action Report**

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/15/2009	Source: EPA
Date Data Arrived at EDR: 09/22/2009	Telephone: 800-424-9346
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/16/2009
Number of Days to Update: 48	Next Scheduled EDR Contact: 03/01/2010
	Data Release Frequency: Quarterly

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

#### **RCRA-TSDF: RCRA - Transporters, Storage and Disposal**

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



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/12/2008  
Date Data Arrived at EDR: 11/18/2008  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 118

Source: Environmental Protection Agency  
Telephone: 312-886-6186  
Last EDR Contact: 11/18/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Quarterly

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

#### **RCRA-LQG: RCRA - Large Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008  
Date Data Arrived at EDR: 11/18/2008  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 118

Source: Environmental Protection Agency  
Telephone: 312-886-6186  
Last EDR Contact: 11/18/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Quarterly

#### **RCRA-SQG: RCRA - Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 11/12/2008  
Date Data Arrived at EDR: 11/18/2008  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 118

Source: Environmental Protection Agency  
Telephone: 312-886-6186  
Last EDR Contact: 11/18/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Quarterly

#### **RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008  
Date Data Arrived at EDR: 11/18/2008  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 118

Source: Environmental Protection Agency  
Telephone: 312-886-6186  
Last EDR Contact: 11/18/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Varies

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

#### **US ENG CONTROLS: Engineering Controls Sites List**

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/01/2009  
Date Data Arrived at EDR: 10/09/2009  
Date Made Active in Reports: 11/09/2009  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: 703-603-0695  
Last EDR Contact: 12/10/2009  
Next Scheduled EDR Contact: 03/29/2010  
Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/01/2009  
Date Data Arrived at EDR: 10/09/2009  
Date Made Active in Reports: 11/09/2009  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: 703-603-0695  
Last EDR Contact: 12/10/2009  
Next Scheduled EDR Contact: 03/29/2010  
Data Release Frequency: Varies

### Federal ERNS list

#### ERNS: Emergency Response Notification System

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

Date of Government Version: 08/31/2009  
Date Data Arrived at EDR: 09/17/2009  
Date Made Active in Reports: 11/09/2009  
Number of Days to Update: 53

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 10/06/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Annually

### State- and tribal - equivalent CERCLIS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: Ohio EPA  
Telephone: 614-644-2924  
Last EDR Contact: 11/16/2009  
Next Scheduled EDR Contact: 03/01/2010  
Data Release Frequency: N/A

### DERR: Division of Emergency & Remedial Response's Database

The DERR listings contains sites from all of Ohio that are in the Division of Emergency and Remedial Response (DERR) database, which is an index of sites for which our district offices maintain files. The database is NOT a record of contaminated sites or sites suspected of contamination. Not all sites in the database are contaminated, and a site's absence from the database does not imply that it is uncontaminated.

Date of Government Version: 09/08/2009  
Date Data Arrived at EDR: 09/08/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 13

Source: Ohio EPA, Div. of Emergency and Remedial Response  
Telephone: 614-644-3538  
Last EDR Contact: 11/23/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Semi-Annually

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

#### SWF/LF: Licensed Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/19/2009  
Date Data Arrived at EDR: 10/21/2009  
Date Made Active in Reports: 11/10/2009  
Number of Days to Update: 20

Source: Ohio Environmental Protection Agency  
Telephone: 614-644-2621  
Last EDR Contact: 10/19/2009  
Next Scheduled EDR Contact: 02/01/2010  
Data Release Frequency: Annually



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

#### **LUST: Leaking Underground Storage Tank File**

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: 09/09/2009	Source: Department of Commerce
Date Data Arrived at EDR: 09/09/2009	Telephone: 614-752-7924
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 11/24/2009
Number of Days to Update: 12	Next Scheduled EDR Contact: 03/08/2010
	Data Release Frequency: Quarterly

#### **UNREG LTANKS: Ohio Leaking UST File**

A suspected or confirmed release of petroleum from a non-regulated UST.

Date of Government Version: 08/25/1999	Source: Department of Commerce
Date Data Arrived at EDR: 08/19/2003	Telephone: 614-752-7938
Date Made Active in Reports: 08/26/2003	Last EDR Contact: 08/01/2003
Number of Days to Update: 7	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

#### **INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 08/24/2009	Source: EPA Region 6
Date Data Arrived at EDR: 08/26/2009	Telephone: 214-665-6597
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

#### **INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land**

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009	Source: EPA Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

#### **INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/20/2009	Source: EPA Region 10
Date Data Arrived at EDR: 08/21/2009	Telephone: 206-553-2857
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Quarterly

#### **INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/24/2009	Source: EPA Region 8
Date Data Arrived at EDR: 09/10/2009	Telephone: 303-312-6271
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Quarterly

#### **INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in Florida, Mississippi and North Carolina.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/20/2009  
Date Data Arrived at EDR: 08/26/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 57

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Semi-Annually

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land:  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009  
Date Data Arrived at EDR: 05/20/2009  
Date Made Active in Reports: 06/17/2009  
Number of Days to Update: 28

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 11/04/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 08/21/2009  
Date Data Arrived at EDR: 10/06/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 16

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Quarterly

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

UST: Underground Storage Tank Tank File

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 09/17/2009  
Date Data Arrived at EDR: 09/18/2009  
Date Made Active in Reports: 10/01/2009  
Number of Days to Update: 13

Source: Department of Commerce  
Telephone: 614-752-7938  
Last EDR Contact: 12/04/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 08/24/2009  
Date Data Arrived at EDR: 08/26/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 26

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 09/08/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 10/16/2008  
Number of Days to Update: 27

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 10/22/2009  
Next Scheduled EDR Contact: 11/16/2009  
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/19/2009  
Date Data Arrived at EDR: 02/19/2009  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 25

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Varies

### INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/20/2009  
Date Data Arrived at EDR: 08/21/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 31

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Quarterly

### INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008  
Date Data Arrived at EDR: 12/30/2008  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 76

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 11/04/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Varies

### INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/24/2009  
Date Data Arrived at EDR: 09/10/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 42

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Quarterly

### INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/21/2009  
Date Data Arrived at EDR: 08/26/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 57

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Quarterly

### INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations).

Date of Government Version: 08/20/2009  
Date Data Arrived at EDR: 08/26/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 57

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Semi-Annually

### *State and tribal institutional control / engineering control registries*



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ENG CONTROLS: Sites with Engineering Controls

A database that tracks properties with engineering controls.

Date of Government Version: 08/31/2009	Source: Ohio EPA
Date Data Arrived at EDR: 09/01/2009	Telephone: 614-644-2306
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 11/16/2009
Number of Days to Update: 20	Next Scheduled EDR Contact: 03/01/2010
	Data Release Frequency: Semi-Annually

### INST CONTROL: Sites with Institutional Engineering Controls

A database that tracks properties with institutional controls.

Date of Government Version: 08/31/2009	Source: Ohio Environmental Protection Agency
Date Data Arrived at EDR: 09/01/2009	Telephone: 614-644-2306
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 11/16/2009
Number of Days to Update: 20	Next Scheduled EDR Contact: 03/01/2010
	Data Release Frequency: Semi-Annually

### HIST ENG CONTROLS: Operation & Maintenance Agreements Database

Volunteers that complete a voluntary action that relies on the ongoing operation and maintenance (O&M) of an engineered control to make the site protective (e.g. cap systems and ground water treatment systems) must enter into a legally binding agreement with the Ohio EPA before the director issues a covenant not to sue. This O&M Agreement must describe how the remedy is constructed and how it will be monitored, maintained and repaired. It also lays out inspection opportunities for the agency. Companies must document that they have the financial capability to operate any remedy relied on, before the agency will agree to enter into the O&M Agreement. The statute requires that the agency be notified of any change in ownership. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005	Source: Ohio EPA
Date Data Arrived at EDR: 04/04/2006	Telephone: 614-644-2306
Date Made Active in Reports: 05/04/2006	Last EDR Contact: 06/02/2008
Number of Days to Update: 30	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

### HIST INST CONTROLS: Institutional Controls Database

"Institutional control" is a restriction that is recorded in the same manner as a deed which limits access to or use of the property such that exposure to hazardous substances or petroleum are effectively and reliably eliminated or mitigated. Examples of institutional controls include land and water use restrictions. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005	Source: Ohio EPA
Date Data Arrived at EDR: 04/06/2006	Telephone: 614-644-2306
Date Made Active in Reports: 05/04/2006	Last EDR Contact: 06/02/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

### State and tribal voluntary cleanup sites

#### VCP: Voluntary Action Program Sites

Site involved in the Voluntary Action Program.

Date of Government Version: 08/31/2009	Source: Ohio EPA, Voluntary Action Program
Date Data Arrived at EDR: 09/01/2009	Telephone: 614-728-1298
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 11/16/2009
Number of Days to Update: 20	Next Scheduled EDR Contact: 03/01/2010
	Data Release Frequency: Semi-Annually

#### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 10/05/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Varies

### State and tribal Brownfields sites

#### BROWNFIELDS: Ohio Brownfield Inventory

A statewide brownfields inventory. A brownfield is an abandoned, idled or under-used industrial or commercial property where expansion or redevelopment is complicated by known or potential releases of hazardous substances and/or petroleum.

Date of Government Version: 10/06/2009  
Date Data Arrived at EDR: 10/06/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 17

Source: Ohio EPA  
Telephone: 614-644-3748  
Last EDR Contact: 10/05/2009  
Next Scheduled EDR Contact: 01/04/2010  
Data Release Frequency: Varies

### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

#### US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/01/2009  
Date Data Arrived at EDR: 09/11/2009  
Date Made Active in Reports: 11/09/2009  
Number of Days to Update: 59

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 11/04/2009  
Next Scheduled EDR Contact: 01/11/2010  
Data Release Frequency: Semi-Annually

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

#### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-972-3336
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 12/08/2009
Number of Days to Update: 137	Next Scheduled EDR Contact: 03/22/2010
	Data Release Frequency: Varies

### HIST LF: Old Solid Waste Landfill

A list of about 1200 old abandoned dumps or landfills. This database was developed from Ohio EPA staff notebooks and other information dating from the mid-1970s

Date of Government Version: 01/01/1980	Source: Ohio EPA
Date Data Arrived at EDR: 07/01/2003	Telephone: 614-644-3749
Date Made Active in Reports: 07/17/2003	Last EDR Contact: 06/26/2003
Number of Days to Update: 16	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 11/09/2009
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/22/2010
	Data Release Frequency: Varies

### Local Lists of Hazardous waste / Contaminated Sites

#### US CDL: Clandestine Drug Labs

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

Date of Government Version: 03/01/2009	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/22/2009	Telephone: 202-307-1000
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 03/26/2009
Number of Days to Update: 91	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: Quarterly

#### CDL: Clandestine Drug Lab Locations

A list of clandestine drug lab sites with environmental impact. This list is extracted from the SPILLS database based on the "product" type.

Date of Government Version: 09/09/2009	Source: Ohio EPA
Date Data Arrived at EDR: 09/10/2009	Telephone: 614-644-2080
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 11/16/2009
Number of Days to Update: 11	Next Scheduled EDR Contact: 03/01/2010
	Data Release Frequency: Varies

#### US HIST CDL: National Clandestine Laboratory Register

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



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 11/19/2008  
Date Made Active in Reports: 03/30/2009  
Number of Days to Update: 131

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

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

#### **ARCHIVE UST: Archived Underground Storage Tank Sites**

Underground storage tank records that have been removed from the Underground Storage Tank database.

Date of Government Version: 09/17/2009  
Date Data Arrived at EDR: 09/18/2009  
Date Made Active in Reports: 10/06/2009  
Number of Days to Update: 18

Source: Department of Commerce, Division of State Fire Marshal  
Telephone: 614-752-7938  
Last EDR Contact: 12/04/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Quarterly

### **Local Land Records**

#### **LIENS 2: CERCLA Lien Information**

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 08/18/2009  
Date Data Arrived at EDR: 08/21/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 11/02/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Varies

#### **LUCIS: Land Use Control Information System**

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005  
Date Data Arrived at EDR: 12/11/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 31

Source: Department of the Navy  
Telephone: 843-820-7326  
Last EDR Contact: 11/20/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Varies

### **Records of Emergency Release Reports**

#### **HMIRS: Hazardous Materials Information Reporting System**

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

Date of Government Version: 10/05/2009  
Date Data Arrived at EDR: 10/05/2009  
Date Made Active in Reports: 11/09/2009  
Number of Days to Update: 35

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 10/05/2009  
Next Scheduled EDR Contact: 01/11/2010  
Data Release Frequency: Annually

#### **SPILLS: Emergency Response Database**

Incidents reported to the Emergency Response Unit. The focus of the ER program is to minimize the impact on the environment from accidental releases, spills, and unauthorized discharges from any fixed or mobile sources. Incidents involving petroleum products, hazardous materials, hazardous waste, abandoned drums, or other materials which may pose as a pollution threat to the state's water, land, or air should be reported immediately. Not all incidents included in the database are actual SPILLS, they can simply be reported incidents.

Date of Government Version: 09/09/2009  
Date Data Arrived at EDR: 09/10/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 11

Source: Ohio EPA  
Telephone: 614-644-2084  
Last EDR Contact: 11/16/2009  
Next Scheduled EDR Contact: 03/01/2010  
Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### *Other Ascertainable Records*

#### RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/12/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2008	Telephone: 312-886-6186
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 11/18/2009
Number of Days to Update: 118	Next Scheduled EDR Contact: 01/18/2010
	Data Release Frequency: Varies

#### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 08/12/2009	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/27/2009	Telephone: 202-366-4595
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 11/10/2009
Number of Days to Update: 96	Next Scheduled EDR Contact: 02/22/2010
	Data Release Frequency: Varies

#### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/23/2009
Number of Days to Update: 62	Next Scheduled EDR Contact: 02/01/2010
	Data Release Frequency: Semi-Annually

#### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/30/2009	Telephone: 202-528-4285
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 09/30/2009
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/28/2009
	Data Release Frequency: Varies

#### CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 08/03/2009	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 10/27/2009	Telephone: Varies
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 10/06/2009
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/18/2010
	Data Release Frequency: Varies

#### ROD: Records Of Decision

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

Date of Government Version: 09/01/2009	Source: EPA
Date Data Arrived at EDR: 09/22/2009	Telephone: 703-416-0223
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 09/22/2009
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/28/2009
	Data Release Frequency: Annually



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009	Source: Department of Energy
Date Data Arrived at EDR: 05/07/2009	Telephone: 505-845-0011
Date Made Active in Reports: 05/08/2009	Last EDR Contact: 11/30/2009
Number of Days to Update: 1	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Varies

### MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/07/2009	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/18/2009	Telephone: 303-231-5959
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 12/08/2009
Number of Days to Update: 52	Next Scheduled EDR Contact: 03/22/2010
	Data Release Frequency: Semi-Annually

### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2007	Source: EPA
Date Data Arrived at EDR: 04/09/2009	Telephone: 202-566-0250
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 12/01/2009
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Annually

### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 10/07/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/11/2010
	Data Release Frequency: Every 4 Years

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 12/14/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Quarterly

### FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 12/14/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Quarterly



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2007	Source: EPA
Date Data Arrived at EDR: 05/19/2009	Telephone: 202-564-4203
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 11/02/2009
Number of Days to Update: 125	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 08/21/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/27/2009	Telephone: 202-564-5088
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 09/28/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 01/11/2010
	Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/01/2009	Source: EPA
Date Data Arrived at EDR: 10/21/2009	Telephone: 202-566-0500
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 10/21/2009
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/01/2010
	Data Release Frequency: Annually



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/06/2009  
Date Data Arrived at EDR: 07/13/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 70

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 12/14/2009  
Next Scheduled EDR Contact: 03/29/2010  
Data Release Frequency: Quarterly

### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/15/2009  
Date Data Arrived at EDR: 10/16/2009  
Date Made Active in Reports: 12/01/2009  
Number of Days to Update: 46

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 10/16/2009  
Next Scheduled EDR Contact: 01/25/2010  
Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 10/19/2009  
Date Data Arrived at EDR: 10/22/2009  
Date Made Active in Reports: 12/01/2009  
Number of Days to Update: 40

Source: EPA  
Telephone: (312) 353-2000  
Last EDR Contact: 12/10/2009  
Next Scheduled EDR Contact: 03/29/2010  
Data Release Frequency: Quarterly

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007  
Date Data Arrived at EDR: 02/19/2009  
Date Made Active in Reports: 05/22/2009  
Number of Days to Update: 92

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 11/20/2009  
Next Scheduled EDR Contact: 03/05/2010  
Data Release Frequency: Biennially



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### TOWNGAS: DERR Towngas Database

The database includes 82 very old sites (circa 1895) which produced gas from coal for street lighting. Most visual evidence of these sites has disappeared, however the potential for buried coal tar remains. The database is no longer in active use.

Date of Government Version: 07/28/1992  
Date Data Arrived at EDR: 02/21/2003  
Date Made Active in Reports: 03/05/2003  
Number of Days to Update: 12

Source: Ohio EPA  
Telephone: 614-644-3749  
Last EDR Contact: 02/12/2003  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### UIC: Underground Injection Wells Listing

A listing of underground injection well locations.

Date of Government Version: 09/03/2009  
Date Data Arrived at EDR: 09/04/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 17

Source: Ohio EPA  
Telephone: 614-644-2752  
Last EDR Contact: 11/30/2009  
Next Scheduled EDR Contact: 03/01/2010  
Data Release Frequency: Varies

### DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facility locations.

Date of Government Version: 10/07/2009  
Date Data Arrived at EDR: 10/09/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 14

Source: Ohio EPA  
Telephone: 614-644-3469  
Last EDR Contact: 10/05/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Varies

### NPDES: NPDES General Permit List

General information regarding NPDES (National Pollutant Discharge Elimination System) permits.

Date of Government Version: 08/28/2009  
Date Data Arrived at EDR: 09/01/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 20

Source: Ohio EPA  
Telephone: 614-644-2031  
Last EDR Contact: 11/18/2009  
Next Scheduled EDR Contact: 03/01/2010  
Data Release Frequency: Semi-Annually

### AIRS: Title V Permits Listing

A listing of Title V Permits issued by the Division of Air Pollution Control. It is a federal operating permit program adopted and implemented by the state. The basic program elements typically specify that major sources will submit an operating application to the specified state environmental regulatory agency according to a schedule.

Date of Government Version: 09/30/2009  
Date Data Arrived at EDR: 10/01/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 22

Source: Ohio EPA  
Telephone: 614-644-2270  
Last EDR Contact: 09/30/2009  
Next Scheduled EDR Contact: 01/11/2010  
Data Release Frequency: Varies

### USD: Urban Setting Designation Sites

A USD may be requested for properties participating in the VAP when there is no current or future use of the ground water by local residents for drinking, showering, bathing or cooking. In these areas, an approved USD would lower the cost of cleanup and promote economic redevelopment while still protecting public health and safety. If these USDs were to be approved, the ground water cleanup or response requirements for the areas could be lessened. The Ohio EPA director may approve a USD request based on a demonstration that the USD requirements are met and an evaluation of existing and future uses of ground water in the area. The Ohio EPA director's decision on approval or denial of the request is needed before cleanup requirements for the site can be determined.

Date of Government Version: 08/31/2009  
Date Data Arrived at EDR: 09/01/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 20

Source: Ohio EPA  
Telephone: 614-644-3749  
Last EDR Contact: 11/16/2009  
Next Scheduled EDR Contact: 03/01/2010  
Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### HIST USD: Urban Setting Designations Database

A USD may be requested for properties participating in the VAP when there is no current or future use of the ground water by local residents for drinking, showering, bathing or cooking. In these areas, an approved USD would lower the cost of cleanup and promote economic redevelopment while still protecting public health and safety. If these USDs were to be approved, the ground water cleanup or response requirements for the areas could be lessened. The Ohio EPA director may approve a USD request based on a demonstration that the USD requirements are met and an evaluation of existing and future uses of ground water in the area. The Ohio EPA director's decision on approval or denial of the request is needed before cleanup requirements for the site can be determined. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005	Source: Ohio EPA
Date Data Arrived at EDR: 04/25/2006	Telephone: 614-644-3749
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 06/02/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

### INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/23/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/01/2010
	Data Release Frequency: Semi-Annually

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 09/09/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/09/2009	Telephone: 615-532-8599
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 11/09/2009
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/08/2010
	Data Release Frequency: Varies

### PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2009	Telephone: 202-566-0517
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 100	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

### COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 01/23/2009	Source: Ohio EPA
Date Data Arrived at EDR: 06/26/2009	Telephone: 614-644-2134
Date Made Active in Reports: 07/06/2009	Last EDR Contact: 10/19/2009
Number of Days to Update: 10	Next Scheduled EDR Contact: 02/01/2010
	Data Release Frequency: Varies

### FEDLAND: Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administered by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 10/23/2009  
Next Scheduled EDR Contact: 02/01/2010  
Data Release Frequency: N/A

### EDR PROPRIETARY RECORDS

#### *EDR Proprietary Records*

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

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

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### OTHER DATABASE(S)

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

##### **CT MANIFEST: Hazardous Waste Manifest Data**

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007  
Date Data Arrived at EDR: 08/26/2009  
Date Made Active in Reports: 09/11/2009  
Number of Days to Update: 16

Source: Department of Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/24/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Annually

##### **NJ MANIFEST: Manifest Information**

Hazardous waste manifest information.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 05/05/2009  
Date Made Active in Reports: 05/22/2009  
Number of Days to Update: 17

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 10/20/2009  
Next Scheduled EDR Contact: 02/01/2010  
Data Release Frequency: Annually

##### **NY MANIFEST: Facility and Manifest Data**

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/27/2009  
Date Data Arrived at EDR: 11/10/2009  
Date Made Active in Reports: 12/09/2009  
Number of Days to Update: 29

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/10/2009  
Next Scheduled EDR Contact: 02/22/2010  
Data Release Frequency: Annually



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 12/01/2009  
Date Made Active in Reports: 12/14/2009  
Number of Days to Update: 13

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 11/23/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Annually

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 06/01/2009  
Date Data Arrived at EDR: 06/12/2009  
Date Made Active in Reports: 06/29/2009  
Number of Days to Update: 17

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 11/30/2009  
Next Scheduled EDR Contact: 03/15/2010  
Data Release Frequency: Annually

### VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 03/31/2009  
Date Data Arrived at EDR: 04/09/2009  
Date Made Active in Reports: 05/20/2009  
Number of Days to Update: 41

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 10/23/2009  
Next Scheduled EDR Contact: 02/08/2010  
Data Release Frequency: Annually

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 07/17/2009  
Date Made Active in Reports: 08/10/2009  
Number of Days to Update: 24

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 09/24/2009  
Next Scheduled EDR Contact: 01/04/2010  
Data Release Frequency: Annually

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

### Electric Power Transmission Line Data

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

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

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

### AHA Hospitals:

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

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

### Medical Centers: Provider of Services Listing

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

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

### Nursing Homes

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

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



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Daycare Centers: Licensed Child Day Care Facilities

Source: Department of Job & Family Services

Telephone: 614-466-6282

**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 and 2005 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 614-265-1044

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### STREET AND ADDRESS INFORMATION

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## **GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

LOCUST POINT A  
RURAL RD  
OAK HARBOR, OH 43449

### **TARGET PROPERTY COORDINATES**

Latitude (North):	41.59590 - 41° 35' 45.2"
Longitude (West):	83.0884 - 83° 5' 18.2"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	325944.3
UTM Y (Meters):	4606804.5
Elevation:	574 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	41083-E1 LACARNE, OH
Most Recent Revision:	1980

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

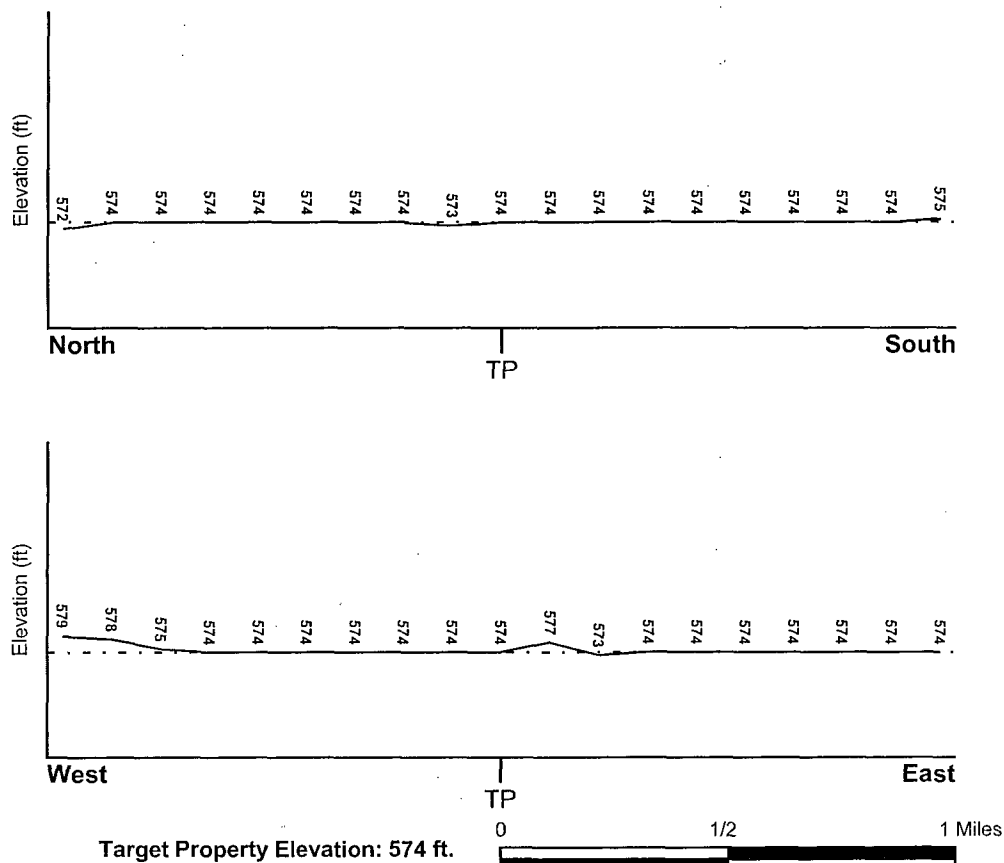
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NE

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

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

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

### **FEMA FLOOD ZONE**

Target Property County  
OTTAWA, OH

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

Flood Plain Panel at Target Property: 3904320050B

Additional Panels in search area: Not Reported

### **NATIONAL WETLAND INVENTORY**

NWI Quad at Target Property  
LACARNE

NWI Electronic  
Data Coverage  
YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		



## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

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

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

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

#### **ROCK STRATIGRAPHIC UNIT**

Era:	Paleozoic
System:	Silurian
Series:	Upper Silurian (Cayugan)
Code:	S3 (decoded above as Era, System & Series)

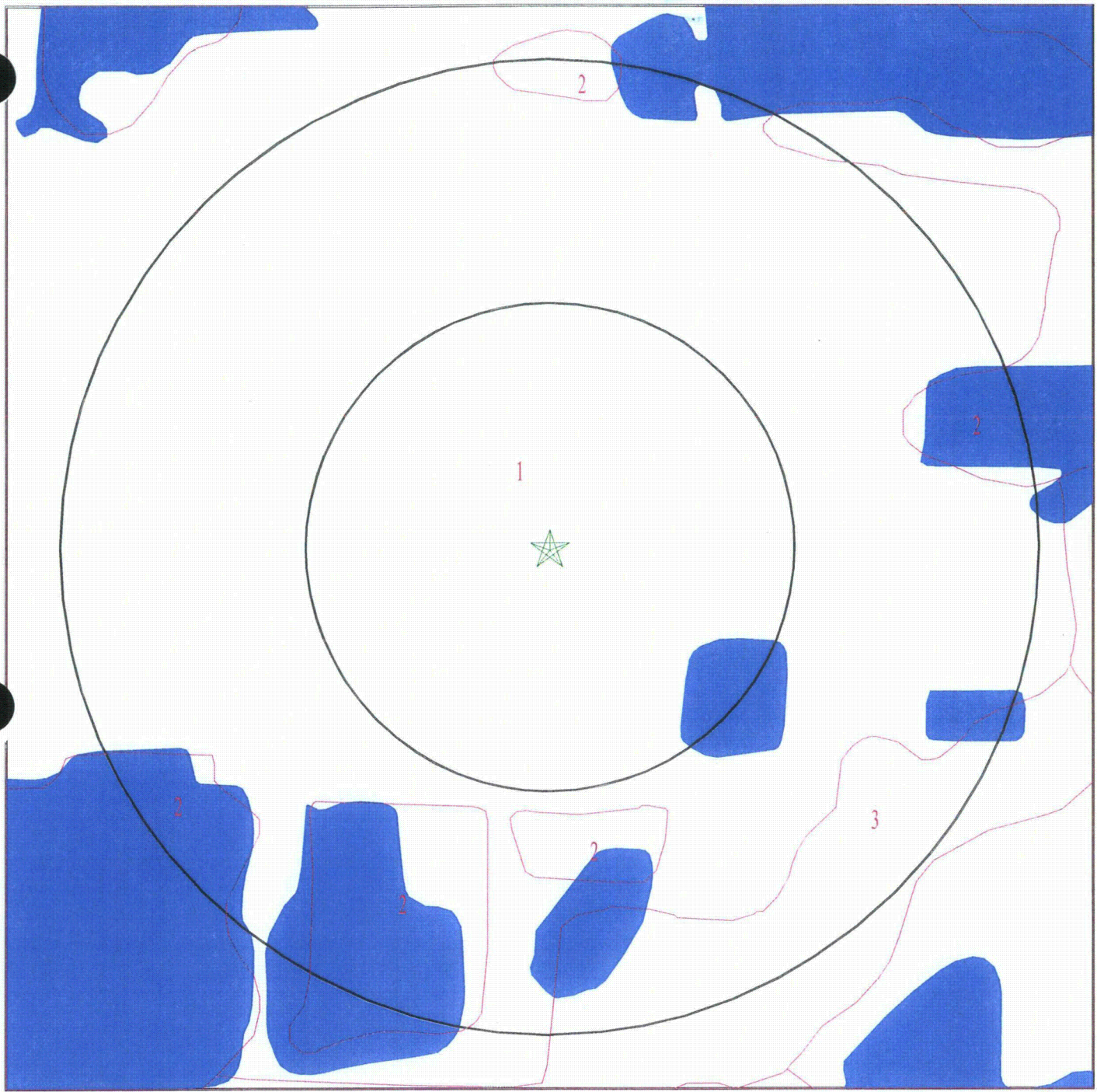
#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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



# SSURGO SOIL MAP - 2658783.2s



★ Target Property  
 SSURGO Soil  
 Water

0 116 15 14.3 miles

SITE NAME: Locust Point A  
 ADDRESS: Rural Rd  
 Oak Harbor OH 43449  
 LAT/LONG: 41.5959 / 83.0884

CLIENT: Shaw Environmental & Infrastructure  
 CONTACT: Jennifer Lillis  
 INQUIRY #: 2658783.2s  
 DATE: December 14, 2009 12:20 pm



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

---

#### Soil Map ID: 1

Soil Component Name: Slopes of 6 to 15 percent

Soil Surface Texture:  
Hydrologic Group: Not reported

Soil Drainage Class:  
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

---

#### Soil Map ID: 2

Soil Component Name: Water

Soil Surface Texture:  
Hydrologic Group: Not reported

Soil Drainage Class:  
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

---

#### Soil Map ID: 3

Soil Component Name: Toledo

Soil Surface Texture: silty clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
2	7 inches	48 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
3	48 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
_____	_____	_____



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

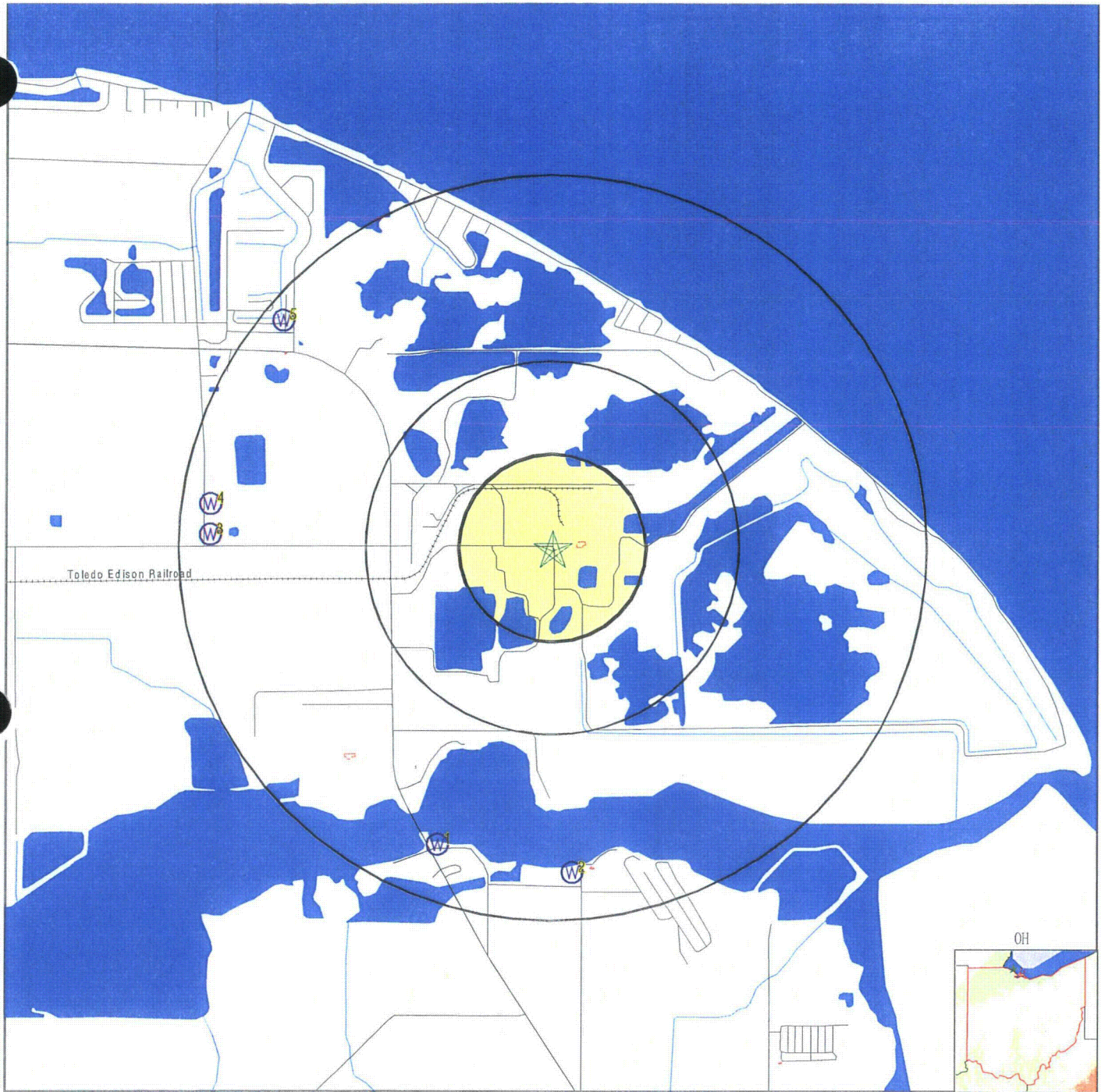
Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	OHD400000276062	1/2 - 1 Mile SSW
2	OHD400000275938	1/2 - 1 Mile South
3	OHD400000277292	1/2 - 1 Mile West
4	OHD400000277362	1/2 - 1 Mile West
5	OHWI30000000282	1/2 - 1 Mile NW



# PHYSICAL SETTING SOURCE MAP - 2658783.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location

SITE NAME: Locust Point A  
 ADDRESS: Rural Rd  
 Oak Harbor OH 43449  
 LAT/LONG: 41.5959 / 83.0884

CLIENT: Shaw Environmental & Infrastructure  
 CONTACT: Jennifer Lillis  
 INQUIRY #: 2658783.2s  
 DATE: December 14, 2009 12:20 pm



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**1**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**OH WELLS      OHD400000276062**

Oid :	558152		
Well log n:	182111		
Well type :	WATER WELL		
End user i:	2681		
Cnty code:	123	Twp code:	490
Orig owner:	ANTHONY C	Orig own 1:	CHUCHECK
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	DOMESTIC	Aquifer ty:	HARDPAN
Loc map ye:	1966	Loc area:	Not Reported
Loc no:	3		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	CHUCHECK ANTHONY C	Lot no:	11
Sect no:	0		
St dir cod:	Not Reported		
St no:	8315	St type co:	RD
St name:	THOMPSON		
Sec add:	Not Reported		
Sec add no:	0	State code:	OH
City:	OAK HARBOR		
Zip:	43449		
Well loc d:	CR 248 OLD SECTION SR 2		
Zone code:	Not Reported		
Horiz x:	0		
Horiz y:	0		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.58434		
Longitude:	-83.09437		
Source of :	GEOCODE	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	07/19/2001
Cas ht:	0		
Screen len:	0		
Total dept:	0		
Date of co:	08/29/1956	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Screen slo:	0		



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD400000276062		

2  
South  
1/2 - 1 Mile  
Higher

OH WELLS OHD400000275938

Oid :	563583		
Well log n:	36570		
Well type :	WATER WELL		
End user i:	1112		
Cnty code:	123	Twp code:	490
Orig owner:	ROBERT	Orig own 1:	BRADY
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	DOMESTIC	Aquifer ty:	LIMESTONE
Loc map ye:	1966	Loc area:	Not Reported
Loc no:	22		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	BRADY ROBERT	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	0		
St name:	TOUSSAINT SOUTH	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	OAK HARBOR	State code:	OH
Zip:	Not Reported		
Well loc d:	TWP 227 (N OF S TOUSSAINT RD ?????)		
Zone code:	S		
Horiz x:	1839152.17		
Horiz y:	1305926.8		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.583252		
Longitude:	-83.087433		
Source of :	Digitized	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	15		
S water me:	Not Reported	S water 1:	08/12/2003



# **GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Cas ht: 0  
 Screen len: 0  
 Total dept: 0  
 Date of co: 02/26/1960  
 Assoc rpt : Not Reported  
 Depth to b: 0  
 Drill year: Not Reported  
 Comments: Not Reported  
 Well seal : 0  
 Screen slo: 0  
 Screened i: 0  
 Screened 1: 0  
 Sustained : 0  
 Attatch st: \\\NRAS1\\  
 Screen dia: 0  
 Screen typ: Not Reported  
 Pump type: Not Reported  
 Pump capac: 0  
 Pump set a: 0  
 Pittless ty: Not Reported  
 Elev sourc: Not Reported  
 Water leve: 0  
 Well drill: Not Reported  
 Site id: OHD400000275938

Located in: Y

Screen mat: Not Reported

Pump inst : Not Reported

Subcon odh: Not Reported

3  
 West  
 1/2 - 1 Mile  
 Higher

OH WELLS OHD400000277292

Old : 558146  
 Well log n: 182112  
 Well type : WATER WELL  
 End user i: 2681  
 Cnty code: 123  
 Orig owner: CHARLES  
 Drill type: Not Reported  
 Well use c: DOMESTIC  
 Loc map ye: 1966  
 Loc no: 7  
 Sub name: Not Reported  
 Sub no: Not Reported  
 Sec owner : SCHOCK CHARLES  
 Sect no: 0  
 St dir cod: Not Reported  
 St no: 0  
 St name: DUFF-WASHA  
 Sec add: Not Reported  
 Sec add no: 0  
 City: Not Reported  
 Zip: Not Reported  
 Well loc d: CR 24 INT RUSSEL RD (TWP 128)  
 Zone code: S  
 Horiz x: 1834064.44  
 Horiz y: 1310749.95  
 Horiz datu: NAD27  
 Horiz acc : 0  
 Horiz acc1: 0  
 Horiz ac 1: Not Reported  
 Vert loc: 0

Twp code: 490  
 Orig own 1: SCHOCK  
 Test type : B  
 Aquifer ty: LIMESTONE  
 Loc area: Not Reported  
 Sub map ye: Not Reported  
 Permit no: Not Reported  
 Lot no: 9

St type co: RD

State code: OH



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.596387		
Longitude:	-83.106136		
Source of :	Digitized	Flowing we:	Not Reported
Test rate:	13		
Draw down:	0		
Draw down :	1		
S water le:	8		
S water me:	Not Reported	S water 1:	07/01/2004
Cas ht:	0		
Screen len:	0		
Total dept:	0		
Date of co:	09/10/1956	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD400000277292		

4  
West  
1/2 - 1 Mile  
Higher

OH WELLS OHD400000277362

Oid :	558140		
Well log n:	169277		
Well type :	WATER WELL		
End user i:	2483		
Cnty code:	123	Twp code:	490
Orig owner:	ALICE	Orig own 1:	SKINNER
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	DOMESTIC	Aquifer ty:	Not Reported
Loc map ye:	1966	Loc area:	Not Reported
Loc no:	16		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	SKINNER ALICE	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	0		
St name:	RUSSELL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	OAK HARBOR	State code:	OH



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip:	Not Reported		
Well loc d:	TWP 128 .5M S OF SR2 (SAND BEACH RD		
Zone code:	S		
Horiz x:	1834071.32		
Horiz y:	1311184.89		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.59758		
Longitude:	-83.106121		
Source of :	Digitized	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	5		
S water me:	Not Reported	S water 1:	10/09/2008
Cas ht:	0		
Screen len:	0		
Total dept:	0		
Date of co:	08/25/1958	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD400000277362		

5  
NW  
1/2 - 1 Mile  
Higher

OH WELLS OHWI30000000282

Objectid:	991803	Wsf number:	21775
Fac name:	IN FROM CARROLL TWP TREATMENT SERVICES I		
Fac type:	IN		
Wsf status:	I	Avail:	P
Pwsid:	OH6204811	Sys number:	4994
Sys name:	GREEN COVE CONDOMINIUMSSys type:		NP
Sys status:	I	Sys srctyp:	Not Reported
Latitude:	41.604764		
Longitude:	-83.102319		
Site id:	OHWI30000000282		



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: OH Radon

### Radon Test Results

Zip	Total Sites	Median	1st Quartile	3rd Quartile	Min.	Max.
43449	31	2.6	0.88	4.25	0.2	14.1

Federal EPA Radon Zone for OTTAWA County: 2

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

Federal Area Radon Information for Zip Code: 43449

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.700 pCi/L	100%	0%	0%



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 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 and 2005 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 614-265-1044

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.



## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### LOCAL / REGIONAL WATER AGENCY RECORDS

#### FEDERAL WATER WELLS

##### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

##### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

##### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

#### STATE RECORDS

##### Public Water System Data

Source: Ohio Environmental Protection Agency

Telephone: 614-644-3677

The database includes community, transient noncommunity and nontransient noncommunity water wells; and source treatment unit locations.

##### Water Well Database

Source: Department of Natural Resources

Telephone: 614-265-6747

### OTHER STATE DATABASE INFORMATION

#### RADON

##### State Database: OH Radon

Source: Department of Health

Telephone: 614-644-2727

Radon Statistics for Zip Code Areas

##### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

##### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

#### OTHER

##### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

##### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration



## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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*17. Radius EDR Report 2*



**Locust Point B**

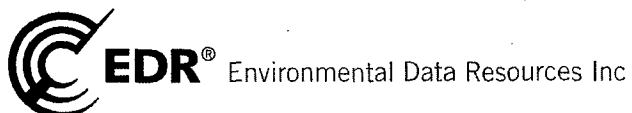
Rural Rd

Port Clinton, OH 43452

Inquiry Number: 2658783.8s

December 14, 2009

**The EDR Radius Map™ Report with GeoCheck®**



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



## TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	7
Orphan Summary .....	9
Government Records Searched/Data Currency Tracking .....	GR-1
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting SSURGO Soil Map .....	A-5
Physical Setting Source Map .....	A-9
Physical Setting Source Map Findings .....	A-10
Physical Setting Source Records Searched .....	A-13

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

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

RURAL RD  
PORT CLINTON, OH 43452

#### COORDINATES

Latitude (North):	41.547200 - 41° 32' 49.9"
Longitude (West):	83.041100 - 83° 2' 28.0"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	329758.8
UTM Y (Meters):	4601303.0
Elevation:	574 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	41083-E1 LACARNE, OH
Most Recent Revision:	1980

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2005, 2006
Source:	USDA

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

#### *Federal NPL site list*

NPL..... National Priority List



## EXECUTIVE SUMMARY

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

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

Delisted NPL..... National Priority List Deletions

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

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

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

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

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

CORRACTS..... Corrective Action Report

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

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

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

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

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

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls

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

ERNS..... Emergency Response Notification System

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

SHWS..... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal  
NPL list.  
DERR..... Division of Emergency & Remedial Response's Database

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

SWF/LF..... Licensed Solid Waste Facilities

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

UNREG LTANKS..... Ohio Leaking UST File  
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

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

UST..... Underground Storage Tank File



## EXECUTIVE SUMMARY

INDIAN UST..... Underground Storage Tanks on Indian Land

### ***State and tribal institutional control / engineering control registries***

ENG CONTROLS..... Sites with Engineering Controls  
INST CONTROL..... Sites with Institutional Engineering Controls  
HIST INST CONTROLS..... Institutional Controls Database  
HIST ENG CONTROLS..... Operation & Maintenance Agreements Database

### ***State and tribal voluntary cleanup sites***

VCP..... Voluntary Action Program Sites  
INDIAN VCP..... Voluntary Cleanup Priority Listing

### ***State and tribal Brownfields sites***

BROWNFIELDS..... Ohio Brownfield Inventory

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

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

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

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODI..... Open Dump Inventory  
HIST LF..... Old Solid Waste Landfill  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

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

US CDL..... Clandestine Drug Labs  
CDL..... Clandestine Drug Lab Locations  
US HIST CDL..... National Clandestine Laboratory Register

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

ARCHIVE UST..... Archived Underground Storage Tank Sites

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

LIENS 2..... CERCLA Lien Information  
LUCIS..... Land Use Control Information System

#### ***Records of Emergency Release Reports***

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Emergency Response Database

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

RCRA-NonGen..... RCRA - Non Generators



## EXECUTIVE SUMMARY

DOT OPS.....	Incident and Accident Data
DOD.....	Department of Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
TOWNGAS.....	DERR Towngas Database
UIC.....	Underground Injection Wells Listing
DRYCLEANERS.....	Drycleaner Facility Listing
NPDES.....	NPDES General Permit List
AIRS.....	Title V Permits Listing
USD.....	Urban Setting Designation Sites
HIST USD.....	Urban Setting Designations Database
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH.....	Coal Ash Disposal Site Listing

### EDR PROPRIETARY RECORDS

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

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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



## EXECUTIVE SUMMARY

### STANDARD ENVIRONMENTAL RECORDS

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

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Commerce Division of State Fire Marshal's List of Reported Petroleum Underground Storage Tank Release Incidents.

A review of the LUST list, as provided by EDR, and dated 09/09/2009 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAMP PERRY OLD FUEL POINT FR Status: Inactive FR Status: NFA: No Further Action FR Status: Inactive FR Status: NFA: No Further Action <i>*Additional key fields are available in the Map Findings section</i> Facility Status: Inactive FR Status: NFA: No Further Action Facility Status: Inactive FR Status: NFA: No Further Action <i>*Additional key fields are available in the Map Findings section</i>	1000 LAWRENCE RD	SSE 1/4 - 1/2 (0.424 mi.)	1	7

### ADDITIONAL ENVIRONMENTAL RECORDS

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

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 12/31/2008 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ERIE ARMY DEPOT		NNW 1/2 - 1 (0.943 mi.)	2	7



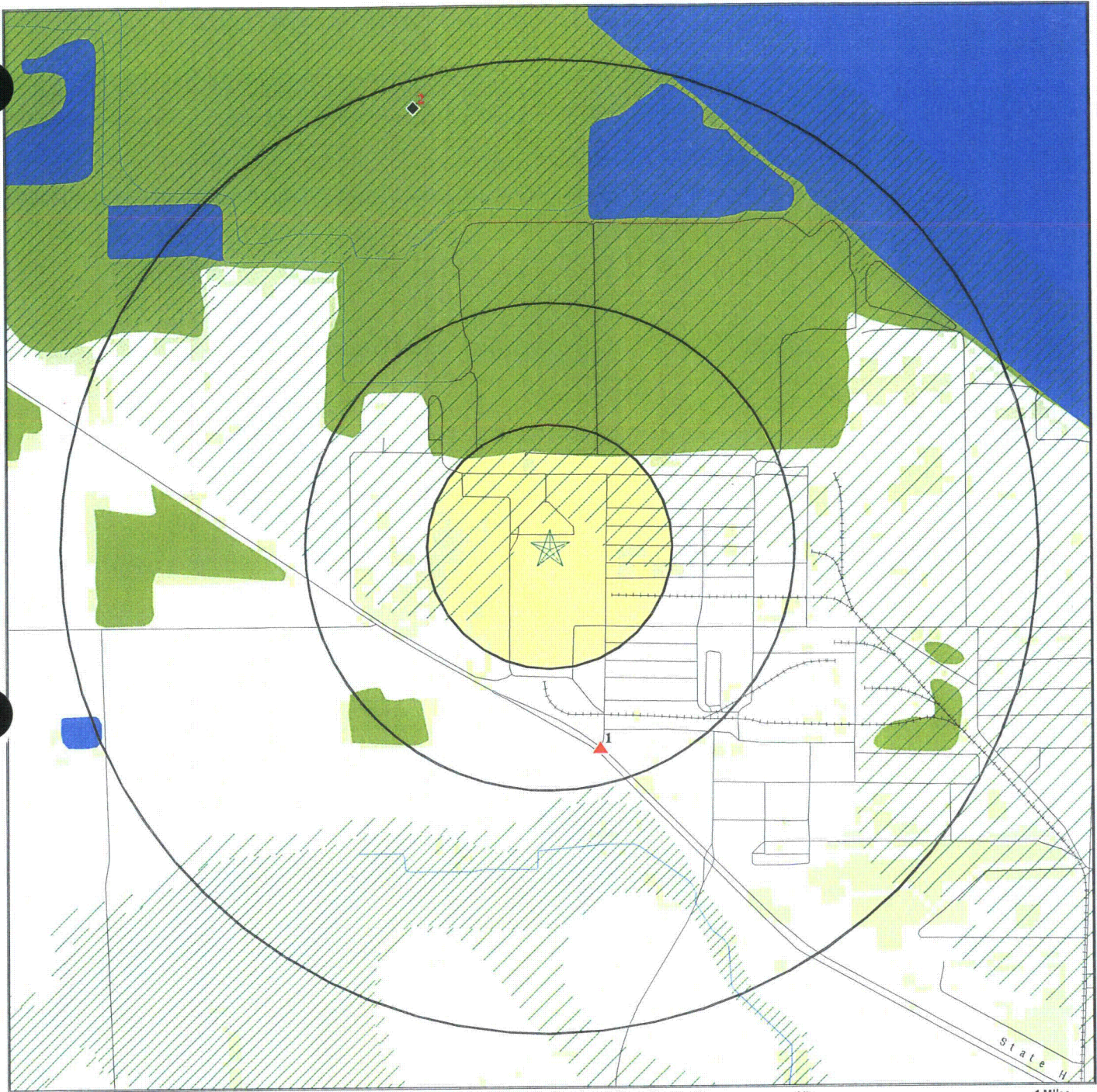
## EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
HARBOR SIDE TOWNHOUSE, INC	LUST
CAMP PERRY TRAINING SITE	UST
CAMP PERRY OLD FUEL POINT	UST
BROWNING-FERRIS IND, PORT CLINTON	DERR



# OVERVIEW MAP - 2658783.8s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

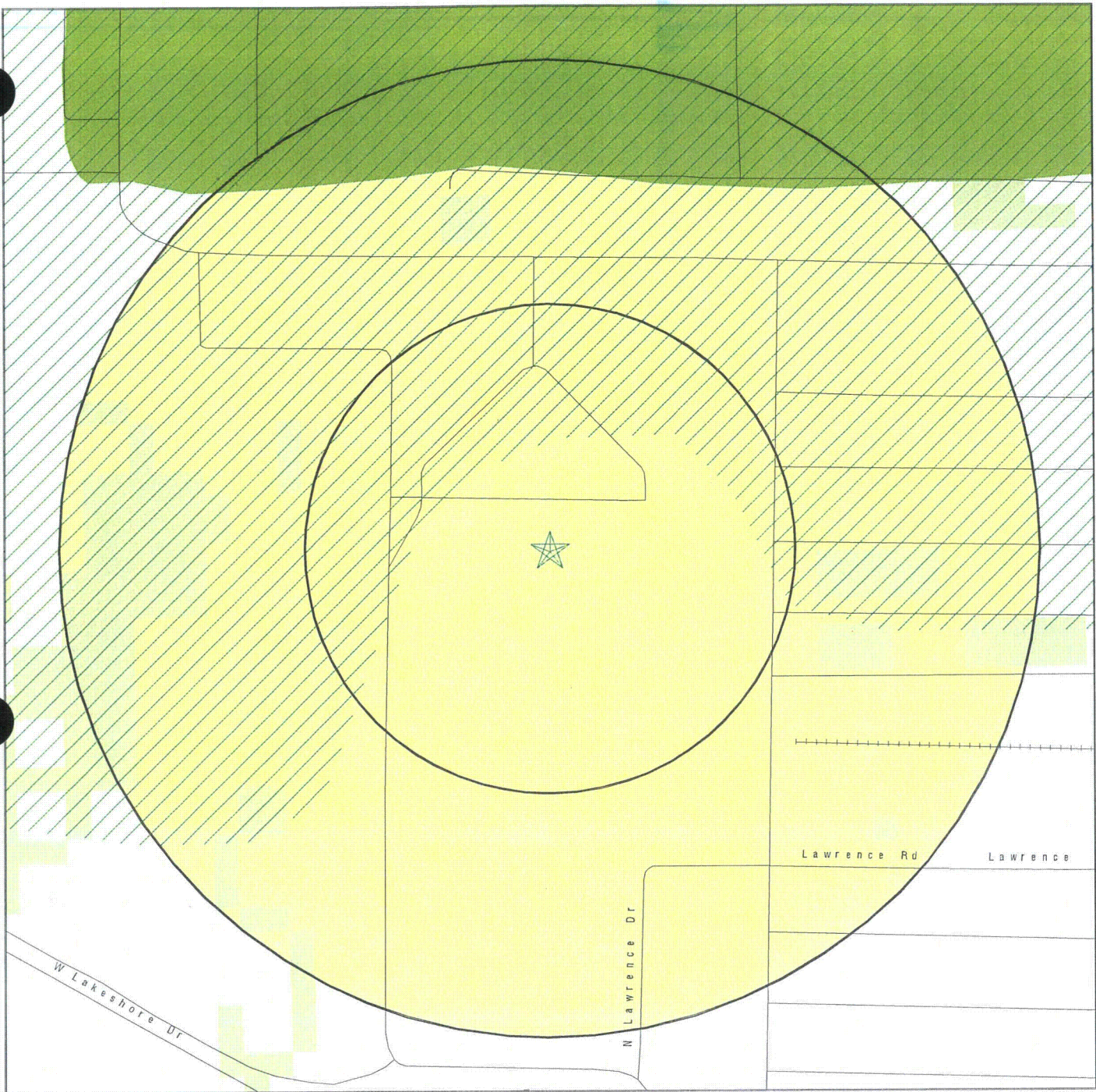
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Locust Point B  
 ADDRESS: Rural Rd  
 Port Clinton OH 43452  
 LAT/LONG: 41.5472 / 83.0411

CLIENT: Shaw Environmental & Infrastructure  
 CONTACT: Jennifer Lillis  
 INQUIRY #: 2658783.8s  
 DATE: December 14, 2009 12:20 pm



# DETAIL MAP - 2658783.8s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ▲ Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

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

SITE NAME: Locust Point B  
 ADDRESS: Rural Rd  
 Port Clinton OH 43452  
 LAT/LONG: 41.5472 / 83.0411

CLIENT: Shaw Environmental & Infrastructure  
 CONTACT: Jennifer Lillis  
 INQUIRY #: 2658783.8s  
 DATE: December 14, 2009 12:25 pm



## MAP FINDINGS SUMMARY

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



## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN UST		0.250	0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
HIST INST CONTROLS		0.500	0	0	0	NR	NR	0
HIST ENG CONTROLS		0.500	0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
HIST LF		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
ARCHIVE UST		0.250	0	0	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	1	NR	1



## 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
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
TOWNGAS		1.000	0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
USD		0.500	0	0	0	NR	NR	0
HIST USD		0.500	0	0	0	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0

### EDR PROPRIETARY RECORDS

#### *EDR Proprietary Records*

Manufactured Gas Plants	1.000	0	0	0	0	NR	0
-------------------------	-------	---	---	---	---	----	---

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1  
SSE  
1/4-1/2  
0.424 mi.  
2237 ft.

CAMP PERRY OLD FUEL POINT  
1000 LAWRENCE RD  
PORT CLINTON, OH 43452

LUST S105501951  
N/A

Relative:  
Higher

LUST:

Release Number: 62010003-N00003  
Release Date: 8/15/2000  
Facility Status: Inactive  
LTF Status: 6 Closure of regulated UST  
FR Status: NFA: No Further Action  
Priority: 2  
Review Date: 3/4/2008

Release Number: 62010003-N00001  
Release Date: 7/26/1996  
Facility Status: Inactive  
LTF Status: 1 SUS/CON from regulated UST  
FR Status: NFA: No Further Action  
Priority: 2  
Review Date: 3/12/2008

Release Number: 62010003-N00002  
Release Date: 9/19/2003  
Facility Status: Inactive  
LTF Status: 6 Closure of regulated UST  
FR Status: NFA: No Further Action  
Priority: 3  
Review Date: 8/10/2004

2  
NNW  
1/2-1  
0.943 mi.  
4980 ft.

ERIE ARMY DEPOT  
PORT CLINTON, OH

FUDS 1007211485  
N/A

Relative:  
Lower

FUDS:

Federal Facility ID: OH9799F3645  
FUDS #: G05OH0027  
INST ID: 53588  
Facility Name: ERIE ARMY DEPOT  
City: PORT CLINTON  
State: OH  
EPA Region: 5  
County: OTTAWA  
Congressional District: 09  
US Army District: Louisville District (LRL)  
Fiscal Year: 2008  
Telephone: 502-315-6766  
NPL Status: Not Listed  
RAB: Not reported  
CTC: 7606.00228  
Current Owner: PRIVATE

FUDS Description Details:

The former Erie Army Depot property is located in Ottawa County, about four miles northwest of Port Clinton, in Sections 7, 8, 17, 18, 19, 20, 21, 28, 29, and 33 of Township 7 North, Range 16 East of the First Principal Meridian. The total land acqui



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ERIE ARMY DEPOT (Continued)

1007211485

ired by the Army was 1,189.16 fee acres and 816.74 acres of leasehold interest. The major portion of the Erie Army Depot (1,158.28 acres) was acquired in 1918 by direct purchase. The Depot was expanded by 30.88 acres in 1942 by the acquisition of three tracts: Parcel A covered 1.40 acres and was acquired from Dorothy Whiting by deed, dated 31 December 1942; Parcel B covered 9.26 acres and was acquired from Clifford Snider, et ux, by declaration of taking, filed 12 August 1942; and Parcel C covered 20.22 acres and was acquired from the W. F. Kirk estate by declaration of taking, filed 11 August 1942. Outstanding third-party interests (hunting and trapping rights) were terminated in 1943. The leasehold interests were acquired from the State of Ohio and private landowners through purchase, between 1942 and 1956. The Army also controlled approximately 96,000 acres on Lake Erie for use as impact and safety zones, of which approximately 170 acres encompassed the mouth of the Toussaint River. The boundaries of these impact and safety zones are defined in Title 33 of the Code of Federal Regulations (CFR), Parts 204.187 and 334.850, and are shown on Plate Number 4 in the Archives Search Report. West Sister Island, an 82-acre island located in the southwestern basin of Lake Erie, is about 11 miles northwesterly from the Erie Army Depot and is within the limits of the impact and safety zones.

FUDS History Details:

DoD use began in 1918 with acquisition of the site. The Army used the Erie Army Depot for testing and proof firing of Army artillery and as a storage depot. This property is known or suspected to contain military munitions and explosive of concern (e.g., unexploded ordnance) and therefore may present an explosive hazard. The site was declared excess in 1965, and it was sold to various buyers over the next few years. At the present time, most of the site has been developed into the Erie Industrial Park. Ordnance continues to wash up on the beach from previous operations at the depot.

FUDS Current Program Details:

The site consists of 2,843 acres known as Poorman Flexible Gunnery Range. It is located 5 miles southeast of McHenry, Mississippi. The site was used as a gunnery range. Gun mounts and target mounts were the only items constructed. This property is suspected to contain military munitions and explosives of concern and therefore may present an explosive hazard.

FUDS Future Program Details:

The site consists of 2,843 acres known as Poorman Flexible Gunnery Range. It is located 5 miles southeast of McHenry, Mississippi. The site was used as a gunnery range. Gun mounts and target mounts were the only items constructed. This property is suspected to contain military munitions and explosives of concern and therefore may present an explosive hazard.



## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PORT CLINTON	U004086572	CAMP PERRY TRAINING SITE	RT 2 & BLDG 2807	43452	UST
PORT CLINTON	S107556683	HARBOR SIDE TOWNHOUSE, INC	1175 W LAKESHORE DR	43452	LUST
PORT CLINTON	U004086571	CAMP PERRY OLD FUEL POINT	1000 LAWRENCE RD	43452	UST
PORT CLINTON	S109580694	BROWNING-FERRIS IND, PORT CLINTON	STATE 358 OF TETAU RD E	43452	DERR



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

### STANDARD ENVIRONMENTAL RECORDS

#### *Federal NPL site list*

##### NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/01/2009	Source: EPA
Date Data Arrived at EDR: 10/14/2009	Telephone: N/A
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

##### NPL Site Boundaries

###### Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

##### Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/01/2009	Source: EPA
Date Data Arrived at EDR: 10/14/2009	Telephone: N/A
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

##### NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/17/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: No Update Planned



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### *Federal Delisted NPL site list*

#### DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/01/2009  
Date Data Arrived at EDR: 10/14/2009  
Date Made Active in Reports: 11/09/2009  
Number of Days to Update: 26

Source: EPA  
Telephone: N/A  
Last EDR Contact: 11/13/2009  
Next Scheduled EDR Contact: 01/25/2010  
Data Release Frequency: Quarterly

### *Federal CERCLIS list*

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/30/2009  
Date Data Arrived at EDR: 08/11/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 41

Source: EPA  
Telephone: 703-412-9810  
Last EDR Contact: 11/23/2009  
Next Scheduled EDR Contact: 01/11/2010  
Data Release Frequency: Quarterly

### *Federal CERCLIS NFRAP site List*

#### CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009  
Date Data Arrived at EDR: 09/02/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 19

Source: EPA  
Telephone: 703-412-9810  
Last EDR Contact: 11/24/2009  
Next Scheduled EDR Contact: 03/15/2010  
Data Release Frequency: Quarterly

### *Federal RCRA CORRACTS facilities list*

#### CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/15/2009  
Date Data Arrived at EDR: 09/22/2009  
Date Made Active in Reports: 11/09/2009  
Number of Days to Update: 48

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 11/16/2009  
Next Scheduled EDR Contact: 03/01/2010  
Data Release Frequency: Quarterly

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

#### RCRA-TSDF: RCRA - Transporters, Storage and Disposal

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



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/12/2008  
Date Data Arrived at EDR: 11/18/2008  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 118

Source: Environmental Protection Agency  
Telephone: 312-886-6186  
Last EDR Contact: 11/18/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Quarterly

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

#### **RCRA-LQG: RCRA - Large Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008  
Date Data Arrived at EDR: 11/18/2008  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 118

Source: Environmental Protection Agency  
Telephone: 312-886-6186  
Last EDR Contact: 11/18/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Quarterly

#### **RCRA-SQG: RCRA - Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 11/12/2008  
Date Data Arrived at EDR: 11/18/2008  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 118

Source: Environmental Protection Agency  
Telephone: 312-886-6186  
Last EDR Contact: 11/18/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Quarterly

#### **RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008  
Date Data Arrived at EDR: 11/18/2008  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 118

Source: Environmental Protection Agency  
Telephone: 312-886-6186  
Last EDR Contact: 11/18/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Varies

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

#### **US ENG CONTROLS: Engineering Controls Sites List**

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/01/2009  
Date Data Arrived at EDR: 10/09/2009  
Date Made Active in Reports: 11/09/2009  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: 703-603-0695  
Last EDR Contact: 12/10/2009  
Next Scheduled EDR Contact: 03/29/2010  
Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/01/2009  
Date Data Arrived at EDR: 10/09/2009  
Date Made Active in Reports: 11/09/2009  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: 703-603-0695  
Last EDR Contact: 12/10/2009  
Next Scheduled EDR Contact: 03/29/2010  
Data Release Frequency: Varies

### Federal ERNS list

#### ERNS: Emergency Response Notification System

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

Date of Government Version: 08/31/2009  
Date Data Arrived at EDR: 09/17/2009  
Date Made Active in Reports: 11/09/2009  
Number of Days to Update: 53

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 10/06/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Annually

### State- and tribal - equivalent CERCLIS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: Ohio EPA  
Telephone: 614-644-2924  
Last EDR Contact: 11/16/2009  
Next Scheduled EDR Contact: 03/01/2010  
Data Release Frequency: N/A

#### DERR: Division of Emergency & Remedial Response's Database

The DERR listings contains sites from all of Ohio that are in the Division of Emergency and Remedial Response (DERR) database, which is an index of sites for which our district offices maintain files. The database is NOT a record of contaminated sites or sites suspected of contamination. Not all sites in the database are contaminated, and a site's absence from the database does not imply that it is uncontaminated.

Date of Government Version: 09/08/2009  
Date Data Arrived at EDR: 09/08/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 13

Source: Ohio EPA, Div. of Emergency and Remedial Response  
Telephone: 614-644-3538  
Last EDR Contact: 11/23/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Semi-Annually

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

#### SWF/LF: Licensed Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/19/2009  
Date Data Arrived at EDR: 10/21/2009  
Date Made Active in Reports: 11/10/2009  
Number of Days to Update: 20

Source: Ohio Environmental Protection Agency  
Telephone: 614-644-2621  
Last EDR Contact: 10/19/2009  
Next Scheduled EDR Contact: 02/01/2010  
Data Release Frequency: Annually



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

#### LUST: Leaking Underground Storage Tank File

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: 09/09/2009  
Date Data Arrived at EDR: 09/09/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 12

Source: Department of Commerce  
Telephone: 614-752-7924  
Last EDR Contact: 11/24/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Quarterly

#### UNREG LTANKS: Ohio Leaking UST File

A suspected or confirmed release of petroleum from a non-regulated UST.

Date of Government Version: 08/25/1999  
Date Data Arrived at EDR: 08/19/2003  
Date Made Active in Reports: 08/26/2003  
Number of Days to Update: 7

Source: Department of Commerce  
Telephone: 614-752-7938  
Last EDR Contact: 08/01/2003  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 08/24/2009  
Date Data Arrived at EDR: 08/26/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 26

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Varies

#### INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009  
Date Data Arrived at EDR: 02/19/2009  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 25

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Varies

#### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/20/2009  
Date Data Arrived at EDR: 08/21/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 31

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Quarterly

#### INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/24/2009  
Date Data Arrived at EDR: 09/10/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 42

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Quarterly

#### INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/20/2009  
Date Data Arrived at EDR: 08/26/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 57

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Semi-Annually

### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009  
Date Data Arrived at EDR: 05/20/2009  
Date Made Active in Reports: 06/17/2009  
Number of Days to Update: 28

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 11/04/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Varies

### INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 08/21/2009  
Date Data Arrived at EDR: 10/06/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 16

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Quarterly

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

#### UST: Underground Storage Tank Tank File

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 09/17/2009  
Date Data Arrived at EDR: 09/18/2009  
Date Made Active in Reports: 10/01/2009  
Number of Days to Update: 13

Source: Department of Commerce  
Telephone: 614-752-7938  
Last EDR Contact: 12/04/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Quarterly

#### INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 08/24/2009  
Date Data Arrived at EDR: 08/26/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 26

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Semi-Annually

#### INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 09/08/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 10/16/2008  
Number of Days to Update: 27

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 10/22/2009  
Next Scheduled EDR Contact: 11/16/2009  
Data Release Frequency: Varies

#### INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/19/2009  
Date Data Arrived at EDR: 02/19/2009  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 25

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Varies

### INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/20/2009  
Date Data Arrived at EDR: 08/21/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 31

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Quarterly

### INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008  
Date Data Arrived at EDR: 12/30/2008  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 76

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 11/04/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Varies

### INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/24/2009  
Date Data Arrived at EDR: 09/10/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 42

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Quarterly

### INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/21/2009  
Date Data Arrived at EDR: 08/26/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 57

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Quarterly

### INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/20/2009  
Date Data Arrived at EDR: 08/26/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 57

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 10/30/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Semi-Annually

### *State and tribal institutional control / engineering control registries*



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ENG CONTROLS: Sites with Engineering Controls

A database that tracks properties with engineering controls.

Date of Government Version: 08/31/2009  
Date Data Arrived at EDR: 09/01/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 20

Source: Ohio EPA  
Telephone: 614-644-2306  
Last EDR Contact: 11/16/2009  
Next Scheduled EDR Contact: 03/01/2010  
Data Release Frequency: Semi-Annually

### INST CONTROL: Sites with Institutional Engineering Controls

A database that tracks properties with institutional controls.

Date of Government Version: 08/31/2009  
Date Data Arrived at EDR: 09/01/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 20

Source: Ohio Environmental Protection Agency  
Telephone: 614-644-2306  
Last EDR Contact: 11/16/2009  
Next Scheduled EDR Contact: 03/01/2010  
Data Release Frequency: Semi-Annually

### HIST ENG CONTROLS: Operation & Maintenance Agreements Database

Volunteers that complete a voluntary action that relies on the ongoing operation and maintenance (O&M) of an engineered control to make the site protective (e.g. cap systems and ground water treatment systems) must enter into a legally binding agreement with the Ohio EPA before the director issues a covenant not to sue. This O&M Agreement must describe how the remedy is constructed and how it will be monitored, maintained and repaired. It also lays out inspection opportunities for the agency. Companies must document that they have the financial capability to operate any remedy relied on, before the agency will agree to enter into the O&M Agreement. The statute requires that the agency be notified of any change in ownership. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005  
Date Data Arrived at EDR: 04/04/2006  
Date Made Active in Reports: 05/04/2006  
Number of Days to Update: 30

Source: Ohio EPA  
Telephone: 614-644-2306  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

### HIST INST CONTROLS: Institutional Controls Database

"Institutional control" is a restriction that is recorded in the same manner as a deed which limits access to or use of the property such that exposure to hazardous substances or petroleum are effectively and reliably eliminated or mitigated. Examples of institutional controls include land and water use restrictions. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005  
Date Data Arrived at EDR: 04/06/2006  
Date Made Active in Reports: 05/04/2006  
Number of Days to Update: 28

Source: Ohio EPA  
Telephone: 614-644-2306  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

### State and tribal voluntary cleanup sites

#### VCP: Voluntary Action Program Sites

Site involved in the Voluntary Action Program.

Date of Government Version: 08/31/2009  
Date Data Arrived at EDR: 09/01/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 20

Source: Ohio EPA, Voluntary Action Program  
Telephone: 614-728-1298  
Last EDR Contact: 11/16/2009  
Next Scheduled EDR Contact: 03/01/2010  
Data Release Frequency: Semi-Annually

#### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 10/05/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Varies

### State and tribal Brownfields sites

#### BROWNFIELDS: Ohio Brownfield Inventory

A statewide brownfields inventory. A brownfield is an abandoned, idled or under-used industrial or commercial property where expansion or redevelopment is complicated by known or potential releases of hazardous substances and/or petroleum.

Date of Government Version: 10/06/2009  
Date Data Arrived at EDR: 10/06/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 17

Source: Ohio EPA  
Telephone: 614-644-3748  
Last EDR Contact: 10/05/2009  
Next Scheduled EDR Contact: 01/04/2010  
Data Release Frequency: Varies

### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

#### US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/01/2009  
Date Data Arrived at EDR: 09/11/2009  
Date Made Active in Reports: 11/09/2009  
Number of Days to Update: 59

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 11/04/2009  
Next Scheduled EDR Contact: 01/11/2010  
Data Release Frequency: Semi-Annually

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

#### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-972-3336  
Last EDR Contact: 12/08/2009  
Next Scheduled EDR Contact: 03/22/2010  
Data Release Frequency: Varies

### HIST LF: Old Solid Waste Landfill

A list of about 1200 old abandoned dumps or landfills. This database was developed from Ohio EPA staff notebooks and other information dating from the mid-1970s

Date of Government Version: 01/01/1980  
Date Data Arrived at EDR: 07/01/2003  
Date Made Active in Reports: 07/17/2003  
Number of Days to Update: 16

Source: Ohio EPA  
Telephone: 614-644-3749  
Last EDR Contact: 06/26/2003  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 11/09/2009  
Next Scheduled EDR Contact: 02/22/2010  
Data Release Frequency: Varies

### Local Lists of Hazardous waste / Contaminated Sites

#### US CDL: Clandestine Drug Labs

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

Date of Government Version: 03/01/2009  
Date Data Arrived at EDR: 06/22/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 91

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/26/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: Quarterly

#### CDL: Clandestine Drug Lab Locations

A list of clandestine drug lab sites with environmental impact. This list is extracted from the SPILLS database based on the "product" type.

Date of Government Version: 09/09/2009  
Date Data Arrived at EDR: 09/10/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 11

Source: Ohio EPA  
Telephone: 614-644-2080  
Last EDR Contact: 11/16/2009  
Next Scheduled EDR Contact: 03/01/2010  
Data Release Frequency: Varies

#### US HIST CDL: National Clandestine Laboratory Register

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



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 11/19/2008  
Date Made Active in Reports: 03/30/2009  
Number of Days to Update: 131

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

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

#### **ARCHIVE UST: Archived Underground Storage Tank Sites**

Underground storage tank records that have been removed from the Underground Storage Tank database.

Date of Government Version: 09/17/2009  
Date Data Arrived at EDR: 09/18/2009  
Date Made Active in Reports: 10/06/2009  
Number of Days to Update: 18

Source: Department of Commerce, Division of State Fire Marshal  
Telephone: 614-752-7938  
Last EDR Contact: 12/04/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Quarterly

### **Local Land Records**

#### **LIENS 2: CERCLA Lien Information**

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 08/18/2009  
Date Data Arrived at EDR: 08/21/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 11/02/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Varies

#### **LUCIS: Land Use Control Information System**

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005  
Date Data Arrived at EDR: 12/11/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 31

Source: Department of the Navy  
Telephone: 843-820-7326  
Last EDR Contact: 11/20/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Varies

### **Records of Emergency Release Reports**

#### **HMIRS: Hazardous Materials Information Reporting System**

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

Date of Government Version: 10/05/2009  
Date Data Arrived at EDR: 10/05/2009  
Date Made Active in Reports: 11/09/2009  
Number of Days to Update: 35

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 10/05/2009  
Next Scheduled EDR Contact: 01/11/2010  
Data Release Frequency: Annually

#### **SPILLS: Emergency Response Database**

Incidents reported to the Emergency Response Unit. The focus of the ER program is to minimize the impact on the environment from accidental releases, spills, and unauthorized discharges from any fixed or mobile sources. Incidents involving petroleum products, hazardous materials, hazardous waste, abandoned drums, or other materials which may pose as a pollution threat to the state's water, land, or air should be reported immediately. Not all incidents included in the database are actual SPILLS, they can simply be reported incidents.

Date of Government Version: 09/09/2009  
Date Data Arrived at EDR: 09/10/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 11

Source: Ohio EPA  
Telephone: 614-644-2084  
Last EDR Contact: 11/16/2009  
Next Scheduled EDR Contact: 03/01/2010  
Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Other Ascertainable Records

#### RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/12/2008  
Date Data Arrived at EDR: 11/18/2008  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 118

Source: Environmental Protection Agency  
Telephone: 312-886-6186  
Last EDR Contact: 11/18/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Varies

#### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 08/12/2009  
Date Data Arrived at EDR: 08/27/2009  
Date Made Active in Reports: 12/01/2009  
Number of Days to Update: 96

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 11/10/2009  
Next Scheduled EDR Contact: 02/22/2010  
Data Release Frequency: Varies

#### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 703-692-8801  
Last EDR Contact: 10/23/2009  
Next Scheduled EDR Contact: 02/01/2010  
Data Release Frequency: Semi-Annually

#### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 09/30/2009  
Date Made Active in Reports: 12/01/2009  
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 09/30/2009  
Next Scheduled EDR Contact: 12/28/2009  
Data Release Frequency: Varies

#### CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 08/03/2009  
Date Data Arrived at EDR: 10/27/2009  
Date Made Active in Reports: 11/09/2009  
Number of Days to Update: 13

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 10/06/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Varies

#### ROD: Records Of Decision

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

Date of Government Version: 09/01/2009  
Date Data Arrived at EDR: 09/22/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 30

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 09/22/2009  
Next Scheduled EDR Contact: 12/28/2009  
Data Release Frequency: Annually



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009	Source: Department of Energy
Date Data Arrived at EDR: 05/07/2009	Telephone: 505-845-0011
Date Made Active in Reports: 05/08/2009	Last EDR Contact: 11/30/2009
Number of Days to Update: 1	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Varies

### MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/07/2009	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/18/2009	Telephone: 303-231-5959
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 12/08/2009
Number of Days to Update: 52	Next Scheduled EDR Contact: 03/22/2010
	Data Release Frequency: Semi-Annually

### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2007	Source: EPA
Date Data Arrived at EDR: 04/09/2009	Telephone: 202-566-0250
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 12/01/2009
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Annually

### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 10/07/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/11/2010
	Data Release Frequency: Every 4 Years

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 12/14/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Quarterly

### FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 12/14/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Quarterly



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2007	Source: EPA
Date Data Arrived at EDR: 05/19/2009	Telephone: 202-564-4203
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 11/02/2009
Number of Days to Update: 125	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 08/21/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/27/2009	Telephone: 202-564-5088
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 09/28/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 01/11/2010
	Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/01/2009	Source: EPA
Date Data Arrived at EDR: 10/21/2009	Telephone: 202-566-0500
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 10/21/2009
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/01/2010
	Data Release Frequency: Annually



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/06/2009	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/13/2009	Telephone: 301-415-7169
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 12/14/2009
Number of Days to Update: 70	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Quarterly

### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/15/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/16/2009	Telephone: 202-343-9775
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 10/16/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 10/19/2009	Source: EPA
Date Data Arrived at EDR: 10/22/2009	Telephone: (312) 353-2000
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 12/10/2009
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Quarterly

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007	Source: EPA/NTIS
Date Data Arrived at EDR: 02/19/2009	Telephone: 800-424-9346
Date Made Active in Reports: 05/22/2009	Last EDR Contact: 11/20/2009
Number of Days to Update: 92	Next Scheduled EDR Contact: 03/05/2010
	Data Release Frequency: Biennially



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### TOWNGAS: DERR Towngas Database

The database includes 82 very old sites (circa 1895) which produced gas from coal for street lighting. Most visual evidence of these sites has disappeared, however the potential for buried coal tar remains. The database is no longer in active use.

Date of Government Version: 07/28/1992  
Date Data Arrived at EDR: 02/21/2003  
Date Made Active in Reports: 03/05/2003  
Number of Days to Update: 12

Source: Ohio EPA  
Telephone: 614-644-3749  
Last EDR Contact: 02/12/2003  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### UIC: Underground Injection Wells Listing

A listing of underground injection well locations.

Date of Government Version: 09/03/2009  
Date Data Arrived at EDR: 09/04/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 17

Source: Ohio EPA  
Telephone: 614-644-2752  
Last EDR Contact: 11/30/2009  
Next Scheduled EDR Contact: 03/01/2010  
Data Release Frequency: Varies

### DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facility locations.

Date of Government Version: 10/07/2009  
Date Data Arrived at EDR: 10/09/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 14

Source: Ohio EPA  
Telephone: 614-644-3469  
Last EDR Contact: 10/05/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Varies

### NPDES: NPDES General Permit List

General information regarding NPDES (National Pollutant Discharge Elimination System) permits.

Date of Government Version: 08/28/2009  
Date Data Arrived at EDR: 09/01/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 20

Source: Ohio EPA  
Telephone: 614-644-2031  
Last EDR Contact: 11/18/2009  
Next Scheduled EDR Contact: 03/01/2010  
Data Release Frequency: Semi-Annually

### AIRS: Title V Permits Listing

A listing of Title V Permits issued by the Division of Air Pollution Control. It is a federal operating permit program adopted and implemented by the state. The basic program elements typically specify that major sources will submit an operating application to the specified state environmental regulatory agency according to a schedule.

Date of Government Version: 09/30/2009  
Date Data Arrived at EDR: 10/01/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 22

Source: Ohio EPA  
Telephone: 614-644-2270  
Last EDR Contact: 09/30/2009  
Next Scheduled EDR Contact: 01/11/2010  
Data Release Frequency: Varies

### USD: Urban Setting Designation Sites

A USD may be requested for properties participating in the VAP when there is no current or future use of the ground water by local residents for drinking, showering, bathing or cooking. In these areas, an approved USD would lower the cost of cleanup and promote economic redevelopment while still protecting public health and safety. If these USDs were to be approved, the ground water cleanup or response requirements for the areas could be lessened. The Ohio EPA director may approve a USD request based on a demonstration that the USD requirements are met and an evaluation of existing and future uses of ground water in the area. The Ohio EPA director's decision on approval or denial of the request is needed before cleanup requirements for the site can be determined.

Date of Government Version: 08/31/2009  
Date Data Arrived at EDR: 09/01/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 20

Source: Ohio EPA  
Telephone: 614-644-3749  
Last EDR Contact: 11/16/2009  
Next Scheduled EDR Contact: 03/01/2010  
Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### HIST USD: Urban Setting Designations Database

A USD may be requested for properties participating in the VAP when there is no current or future use of the ground water by local residents for drinking, showering, bathing or cooking. In these areas, an approved USD would lower the cost of cleanup and promote economic redevelopment while still protecting public health and safety. If these USDs were to be approved, the ground water cleanup or response requirements for the areas could be lessened. The Ohio EPA director may approve a USD request based on a demonstration that the USD requirements are met and an evaluation of existing and future uses of ground water in the area. The Ohio EPA director's decision on approval or denial of the request is needed before cleanup requirements for the site can be determined. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005	Source: Ohio EPA
Date Data Arrived at EDR: 04/25/2006	Telephone: 614-644-3749
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 06/02/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

### INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/23/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/01/2010
	Data Release Frequency: Semi-Annually

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 09/09/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/09/2009	Telephone: 615-532-8599
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 11/09/2009
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/08/2010
	Data Release Frequency: Varies

### PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2009	Telephone: 202-566-0517
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 100	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

### COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 01/23/2009	Source: Ohio EPA
Date Data Arrived at EDR: 06/26/2009	Telephone: 614-644-2134
Date Made Active in Reports: 07/06/2009	Last EDR Contact: 10/19/2009
Number of Days to Update: 10	Next Scheduled EDR Contact: 02/01/2010
	Data Release Frequency: Varies

### FEDLAND: Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 10/23/2009  
Next Scheduled EDR Contact: 02/01/2010  
Data Release Frequency: N/A

### EDR PROPRIETARY RECORDS

#### *EDR Proprietary Records*

##### Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### OTHER DATABASE(S)

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

##### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007  
Date Data Arrived at EDR: 08/26/2009  
Date Made Active in Reports: 09/11/2009  
Number of Days to Update: 16

Source: Department of Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/24/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Annually

##### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 05/05/2009  
Date Made Active in Reports: 05/22/2009  
Number of Days to Update: 17

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 10/20/2009  
Next Scheduled EDR Contact: 02/01/2010  
Data Release Frequency: Annually

##### NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/27/2009  
Date Data Arrived at EDR: 11/10/2009  
Date Made Active in Reports: 12/09/2009  
Number of Days to Update: 29

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/10/2009  
Next Scheduled EDR Contact: 02/22/2010  
Data Release Frequency: Annually



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 12/01/2009  
Date Made Active in Reports: 12/14/2009  
Number of Days to Update: 13

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 11/23/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Annually

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 06/01/2009  
Date Data Arrived at EDR: 06/12/2009  
Date Made Active in Reports: 06/29/2009  
Number of Days to Update: 17

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 11/30/2009  
Next Scheduled EDR Contact: 03/15/2010  
Data Release Frequency: Annually

### VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 03/31/2009  
Date Data Arrived at EDR: 04/09/2009  
Date Made Active in Reports: 05/20/2009  
Number of Days to Update: 41

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 10/23/2009  
Next Scheduled EDR Contact: 02/08/2010  
Data Release Frequency: Annually

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 07/17/2009  
Date Made Active in Reports: 08/10/2009  
Number of Days to Update: 24

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 09/24/2009  
Next Scheduled EDR Contact: 01/04/2010  
Data Release Frequency: Annually

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

### Electric Power Transmission Line Data

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

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

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

### AHA Hospitals:

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

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

### Medical Centers: Provider of Services Listing

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

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

### Nursing Homes

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

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



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Daycare Centers: Licensed Child Day Care Facilities

Source: Department of Job & Family Services

Telephone: 614-466-6282

**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 and 2005 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 614-265-1044

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## STREET AND ADDRESS INFORMATION

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## **GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

LOCUST POINT B  
RURAL RD  
PORT CLINTON, OH 43452

### **TARGET PROPERTY COORDINATES**

Latitude (North):	41.54720 - 41° 32' 49.9"
Longitude (West):	83.0411 - 83° 2' 28.0"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	329758.8
UTM Y (Meters):	4601303.0
Elevation:	574 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	41083-E1 LACARNE, OH
Most Recent Revision:	1980

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

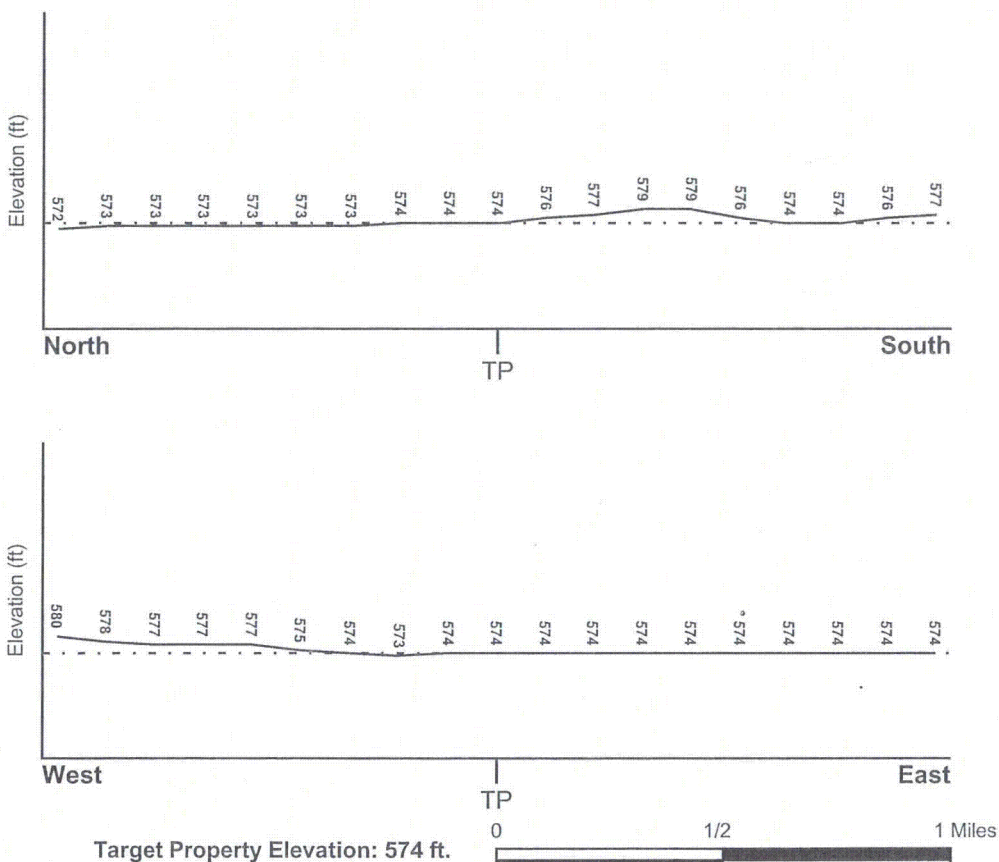
### TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General North

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

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

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

### FEMA FLOOD ZONE

Target Property County  
OTTAWA, OH

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

Flood Plain Panel at Target Property: 3904320125B

Additional Panels in search area: Not Reported

### NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
LACARNE

NWI Electronic Data Coverage  
YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Silurian
Series:	Upper Silurian (Cayugan)
Code:	S3 (decoded above as Era, System & Series)

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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



# SSURGO SOIL MAP - 2658783.8s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Locust Point B  
 ADDRESS: Rural Rd  
 Port Clinton OH 43452  
 LAT/LONG: 41.5472 / 83.0411

CLIENT: Shaw Environmental & Infrastructure  
 CONTACT: Jennifer Lillis  
 INQUIRY #: 2658783.8s  
 DATE: December 14, 2009 12:25 pm



## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

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

---

#### **Soil Map ID: 1**

Soil Component Name: Slopes of 6 to 15 percent

Soil Surface Texture:  
Hydrologic Group: Not reported

Soil Drainage Class:  
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

---

#### **Soil Map ID: 2**

Soil Component Name: Toledo

Soil Surface Texture: silty clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
2	7 inches	48 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
3	48 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4

### Soil Map ID: 3

Soil Component Name: Nappanee

Soil Surface Texture: silty clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 85 inches



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
2	7 inches	33 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
3	33 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

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

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

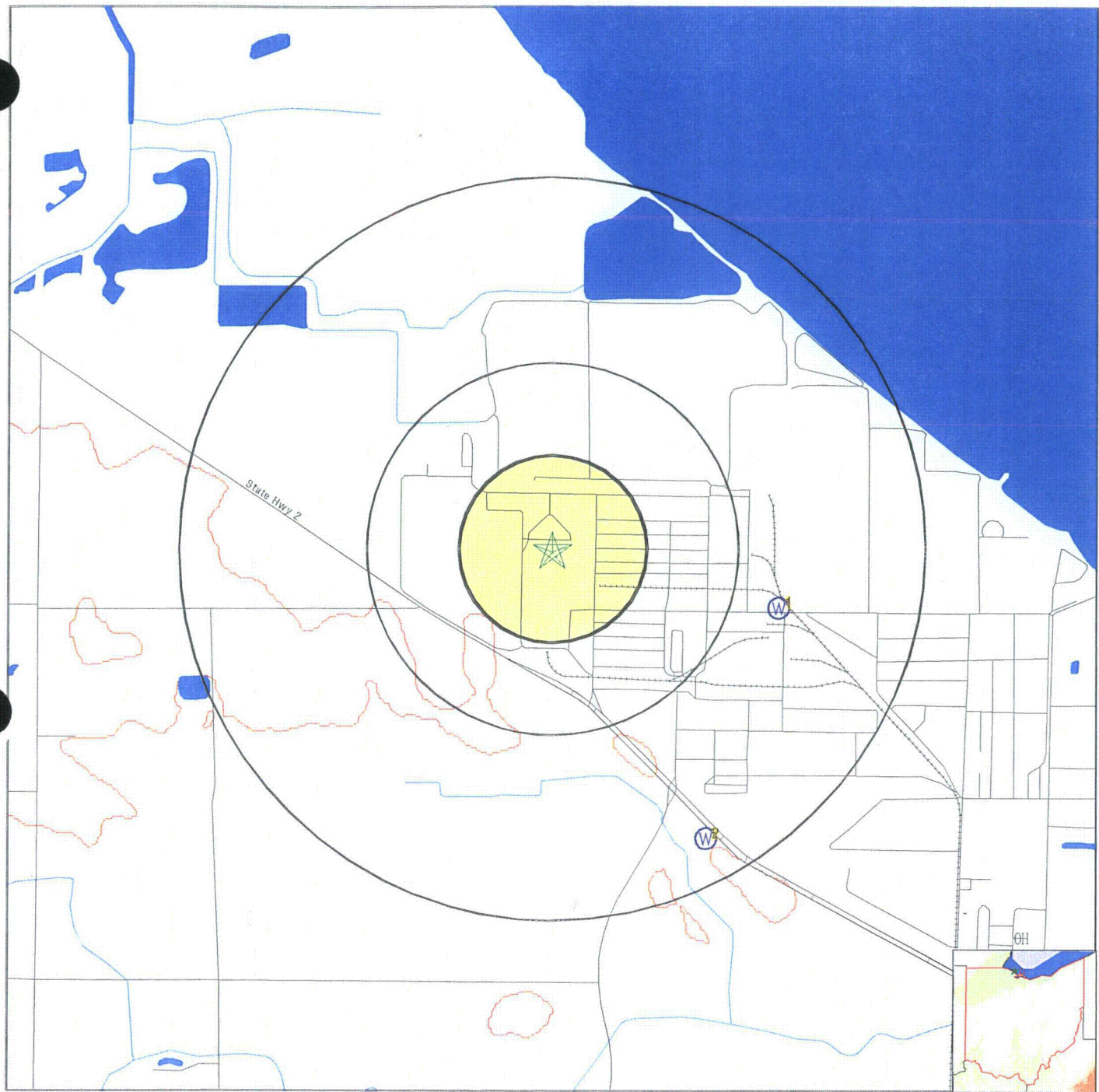
Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	OHWT30000004760	1/2 - 1 Mile ESE
2	OHD400000269085	1/2 - 1 Mile SSE



# PHYSICAL SETTING SOURCE MAP - 2658783.8s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location

0 1/4 1/2 1 Miles

SITE NAME: Locust Point B  
 ADDRESS: Rural Rd  
 Port Clinton OH 43452  
 LAT/LONG: 41.5472 / 83.0411

CLIENT: Shaw Environmental & Infrastructure  
 CONTACT: Jennifer Lillis  
 INQUIRY #: 2658783.8s  
 DATE: December 14, 2009 12:25 pm



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

1  
ESE  
1/2 - 1 Mile  
Higher

OH WELLS OHWT30000004760

County:	OTTAWA	Pwsid:	OH6247311
Wtp num:	6233	Wtp name:	ERIE INDUSTRIAL PARK ASSOC LLC
Tp avail:	PERMANENT	Wtr type:	surface water
Wtpdsn cap:	576000		
Notreat in:	Not Reported	Wtr body n:	MAXCAP: 230000 MGD; DSGN_CAP: 576000 M
Wtp status:	Active	Sys status:	Active
Sys name:	ERIE INDUSTRIAL PARK ASSOC LLC	Sys type:	Non-Transient Non-Community water systems
Src type:	surface water	First name:	JAMES E.
Last name:	MCKINNEY	Title:	Not Reported
Address1:	127 MADISON ST		
Address2:	Not Reported		
City:	PORT CLINTON	State:	OH
Zip:	43452	Phone:	419-732-6732
Emg phone:	419-307-5501		
Latitude:	41.544911		
Longitude:	-83.029336		
Accuracy:	5		
LI colmeth:	GPS CODE MEASUREMENTS (PSEUDO RANGE) DIFFERENTIALLY CORRECTED		
Hdatum:	NAD 27		
Verify met:	VERIFIED RELATIVE TO MAP FEATURES (1:24,000)		
Site id:	OHWT30000004760		

2  
SSE  
1/2 - 1 Mile  
Higher

OH WELLS OHD400000269085

Oid :	317878		
Well log n:	440139		
Well type :	WATER WELL		
End user i:	1295		
Cnty code:	123	Tw code:	890
Orig owner:	Not Reported	Orig own 1:	HUGHES-FOULKROD CONS
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LIMESTONE
Loc map ye:	1983	Loc area:	Not Reported
Loc no:	2		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	29		
St dir cod:	Not Reported		
St no:	5090		
St name:	2	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip:	Not Reported		
Well loc d:	Not Reported		
Zone code:	S		
Horiz x:	1853900.83		
Horiz y:	1288559.05		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.535873		
Longitude:	-83.033187		
Source of :	Digitized	Flowing we:	N
Test rate:	150		
Draw down:	100		
Draw down :	2		
S water le:	6		
S water me:	Not Reported	S water 1:	07/31/2007
Cas ht:	0		
Screen len:	0		
Total dept:	208		
Date of co:	08/31/1972	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD400000269085		



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: OH Radon

### Radon Test Results

Zip	Total Sites	Median	1st Quartile	3rd Quartile	Min.	Max.
43452	59	2	1.08	3.23	0	26.7

Federal EPA Radon Zone for OTTAWA County: 2

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

Federal Area Radon Information for Zip Code: 43452

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.500 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	16.900 pCi/L	0%	100%	0%



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 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 and 2005 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 614-265-1044

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.



## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### LOCAL / REGIONAL WATER AGENCY RECORDS

#### FEDERAL WATER WELLS

##### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

##### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

##### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

#### STATE RECORDS

##### Public Water System Data

Source: Ohio Environmental Protection Agency

Telephone: 614-644-3677

The database includes community, transient noncommunity and nontransient noncommunity water wells; and source treatment unit locations.

##### Water Well Database

Source: Department of Natural Resources

Telephone: 614-265-6747

### OTHER STATE DATABASE INFORMATION

#### RADON

##### State Database: OH Radon

Source: Department of Health

Telephone: 614-644-2727

Radon Statistics for Zip Code Areas

##### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

##### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

#### OTHER

##### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

##### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration



## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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18. *EDR Historical Topographic Map*



**Locust Point A**

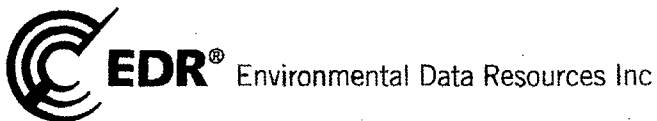
Rural Rd

Oak Harbor, OH 43449

Inquiry Number: 2658783.4

December 14, 2009

## The EDR Historical Topographic Map Report



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



# EDR Historical Topographic Map Report

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

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

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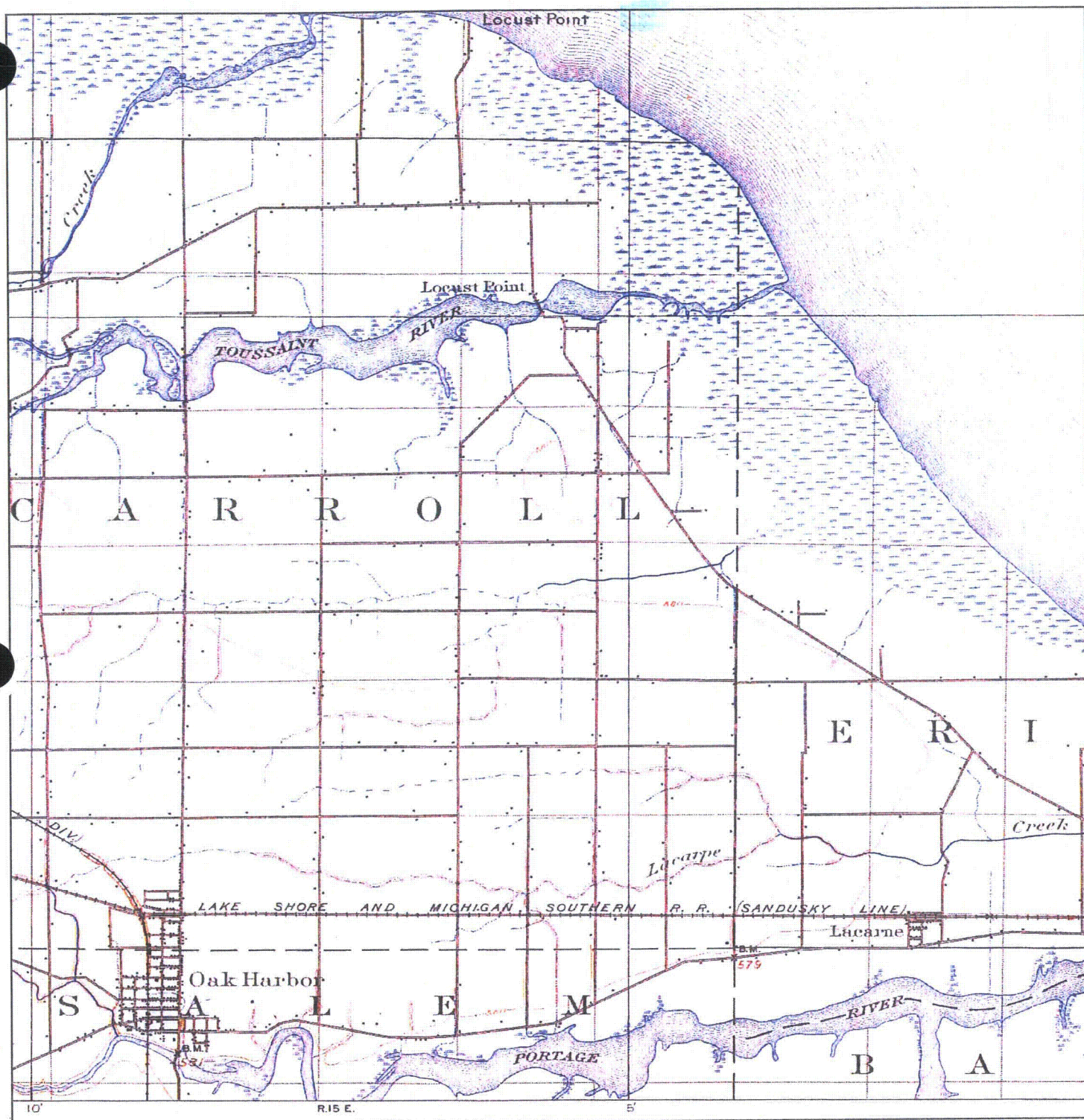
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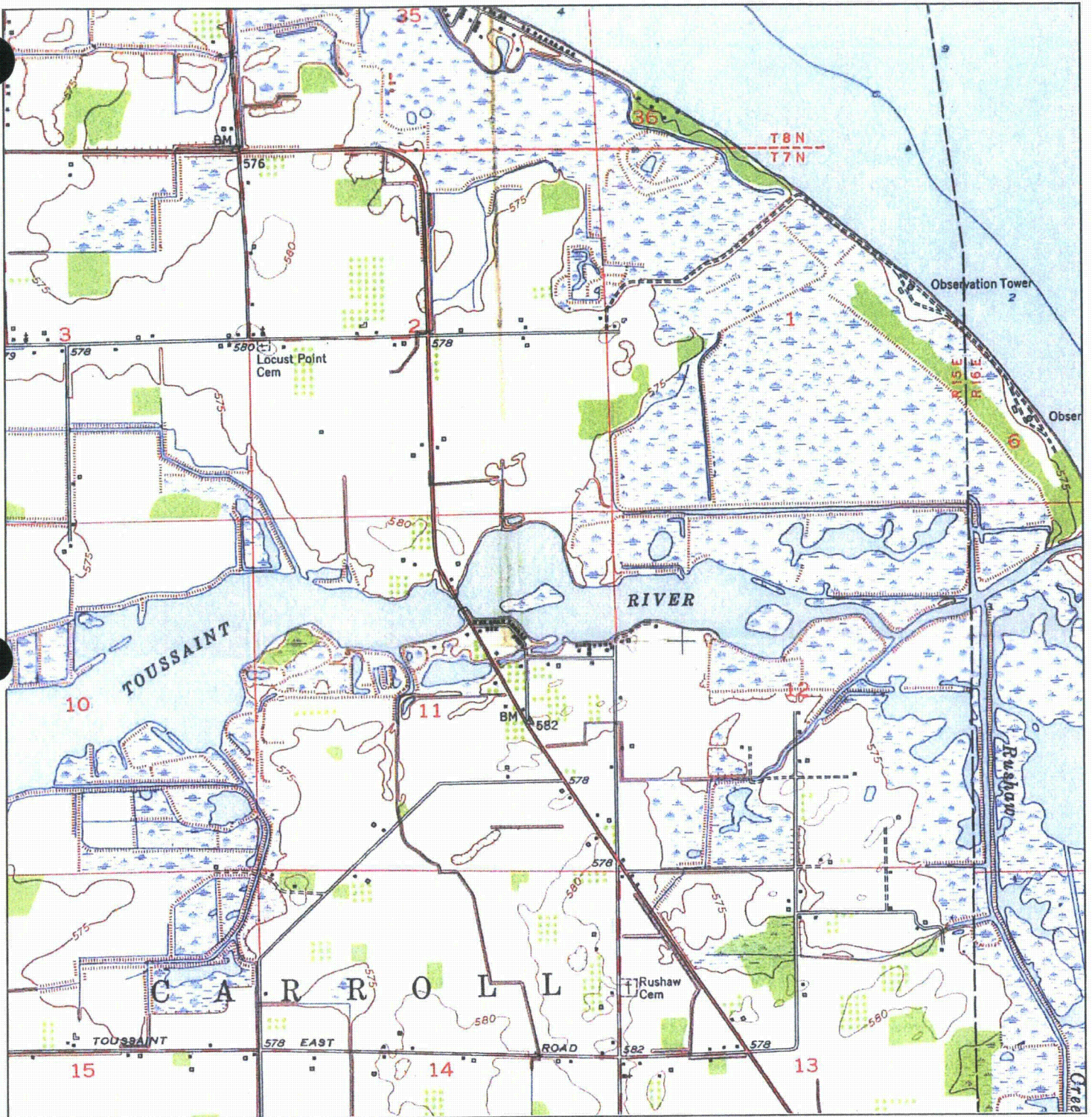
# Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: OAK HARBOR MAP YEAR: 1900  SERIES: 15 SCALE: 1:62500</p>	<p>SITE NAME: Locust Point A ADDRESS: Rural Rd Oak Harbor, OH 43449 LAT/LONG: 41.5959 / 83.0884</p>	<p>CLIENT: Shaw Environmental &amp; Infrastructure CONTACT: Jennifer Lillis INQUIRY#: 2658783.4 RESEARCH DATE: 12/14/2009</p>
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# Historical Topographic Map



<div data-bbox="121 1774 154 1879"> <p>N ↑</p> </div> <p>TARGET QUAD NAME: LACARNE MAP YEAR: 1952</p> <p>SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Locust Point A ADDRESS: Rural Rd Oak Harbor, OH 43449 LAT/LONG: 41.5959 / 83.0884</p>	<p>CLIENT: Shaw Environmental &amp; Infrastructure CONTACT: Jennifer Lillis INQUIRY#: 2658783.4 RESEARCH DATE: 12/14/2009</p>
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# Historical Topographic Map



<p>N ↑</p> <p>TARGET QUAD NAME: OAK HARBOR MAP YEAR: 1952</p> <p>SERIES: 15 SCALE: 1:62500</p>	<p>SITE NAME: Locust Point A ADDRESS: Rural Rd Oak Harbor, OH 43449 LAT/LONG: 41.5959 / 83.0884</p>	<p>CLIENT: Shaw Environmental &amp; Infrastructure CONTACT: Jennifer Lillis INQUIRY#: 2658783.4 RESEARCH DATE: 12/14/2009</p>
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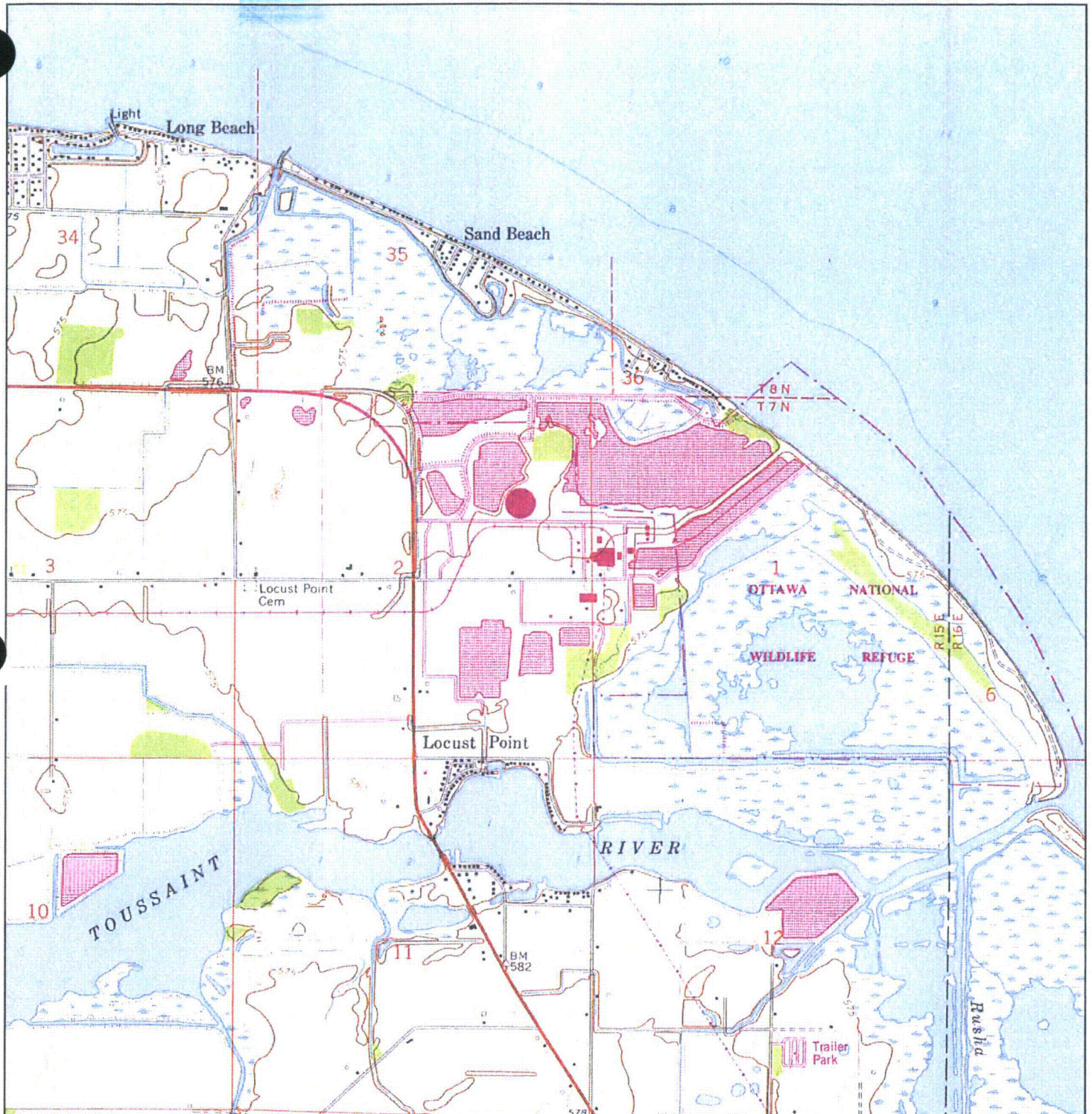
# Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: LACARNE MAP YEAR: 1967  SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Locust Point A ADDRESS: Rural Rd Oak Harbor, OH 43449 LAT/LONG: 41.5959 / 83.0884</p>	<p>CLIENT: Shaw Environmental &amp; Infrastructure CONTACT: Jennifer Lillis INQUIRY#: 2658783.4 RESEARCH DATE: 12/14/2009</p>
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# Historical Topographic Map



<div data-bbox="123 1798 156 1893" data-label="Image"> </div> <div data-bbox="178 1766 495 1947" data-label="Text"> <p>TARGET QUAD  NAME: LACARNE  MAP YEAR: 1980  PHOTOREVISED FROM: 1967  SERIES: 7.5  SCALE: 1:24000</p> </div>	<div data-bbox="541 1766 933 1883" data-label="Text"> <p>SITE NAME: Locust Point A  ADDRESS: Rural Rd  Oak Harbor, OH 43449  LAT/LONG: 41.5959 / 83.0884</p> </div>	<div data-bbox="994 1766 1528 1915" data-label="Text"> <p>CLIENT: Shaw Environmental &amp; Infrastructure  CONTACT: Jennifer Lillis  INQUIRY#: 2658783.4  RESEARCH DATE: 12/14/2009</p> </div>
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# Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: OAK HARBOR MAP YEAR: 1987</p> <p>SERIES: 15 SCALE: 1:50000</p>	<p>SITE NAME: Locust Point A ADDRESS: Rural Rd Oak Harbor, OH 43449 LAT/LONG: 41.5959 / 83.0884</p>	<p>CLIENT: Shaw Environmental &amp; Infrastructure CONTACT: Jennifer Lillis INQUIRY#: 2658783.4 RESEARCH DATE: 12/14/2009</p>
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19. *EDR Historical Topographic Map 2*



**Locust Point B**

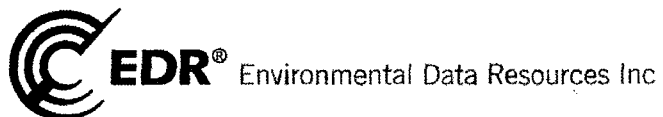
Rural Rd

Port Clinton, OH 43452

Inquiry Number: 2658783.10

December 14, 2009

## The EDR Historical Topographic Map Report



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
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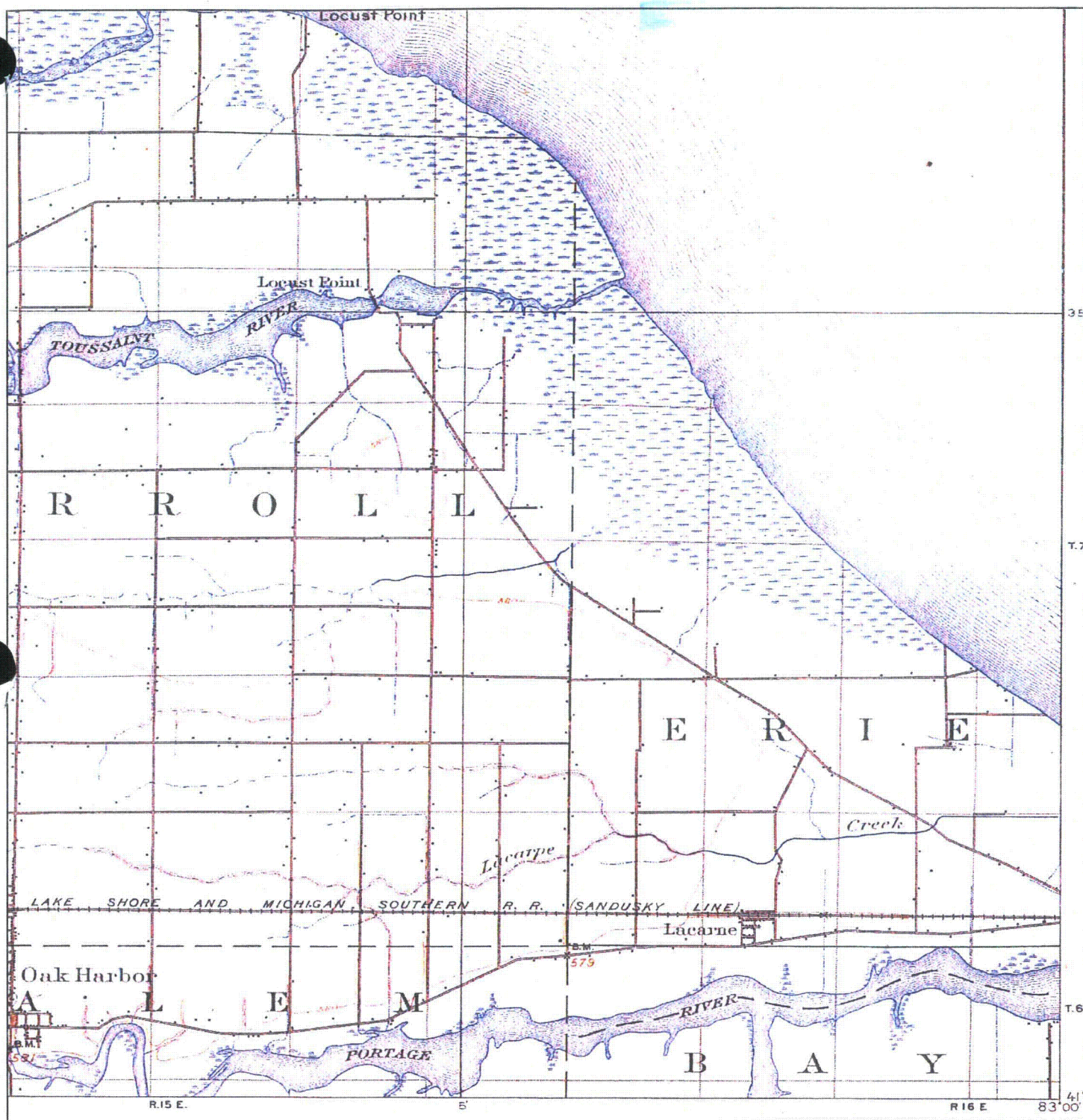
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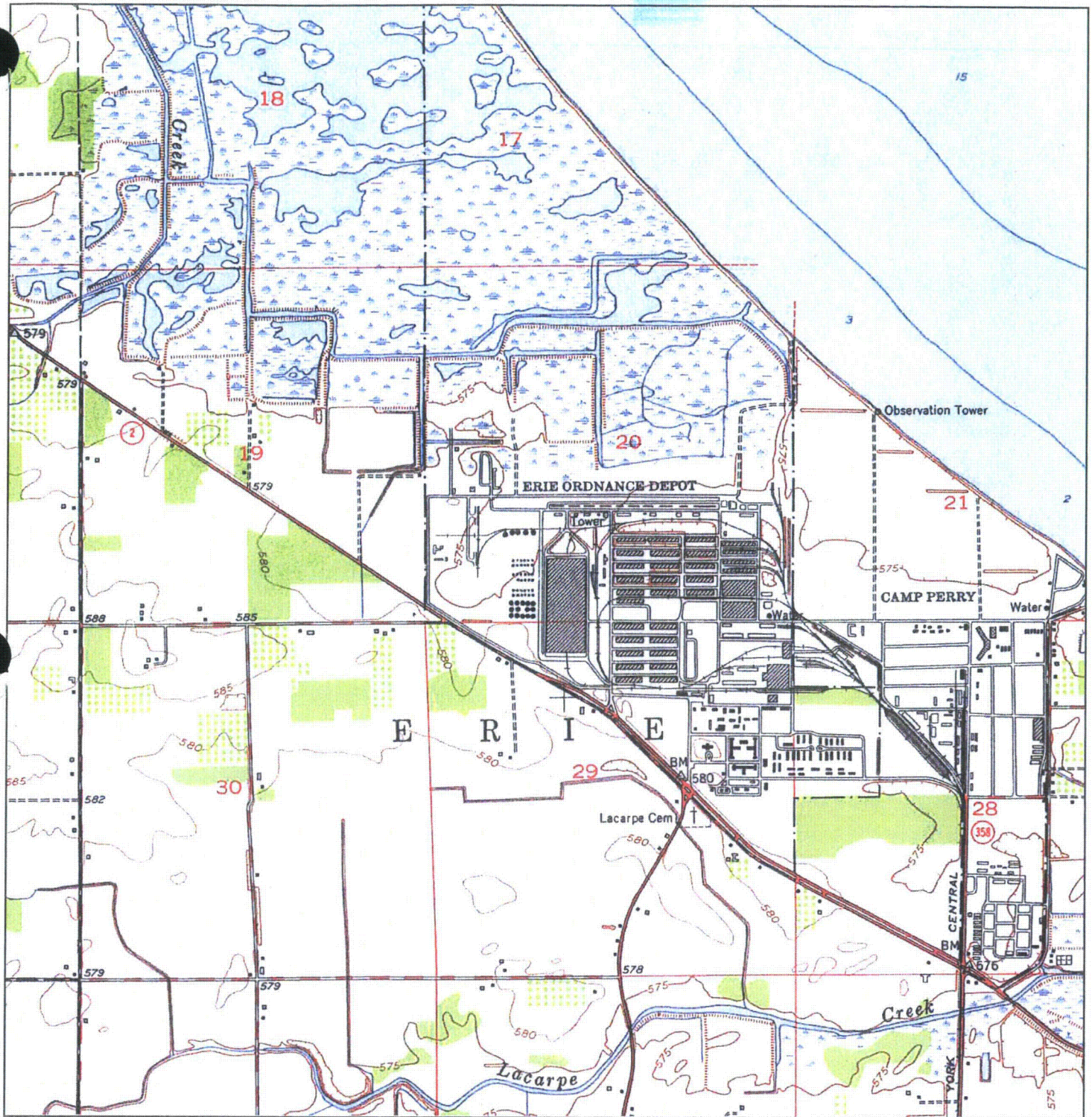
# Historical Topographic Map



<p>N ↑</p> <p>TARGET QUAD NAME: OAK HARBOR MAP YEAR: 1900</p> <p>SERIES: 15 SCALE: 1:62500</p>	<p>SITE NAME: Locust Point B ADDRESS: Rural Rd Port Clinton, OH 43452 LAT/LONG: 41.5472 / 83.0411</p>	<p>CLIENT: Shaw Environmental &amp; Infrastructure</p> <p>CONTACT: Jennifer Lillis INQUIRY#: 2658783.10 RESEARCH DATE: 12/14/2009</p>
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# Historical Topographic Map



<p>N ↑</p> <p>TARGET QUAD NAME: LACARNE MAP YEAR: 1952</p> <p>SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Locust Point B ADDRESS: Rural Rd Port Clinton, OH 43452 LAT/LONG: 41.5472 / 83.0411</p>	<p>CLIENT: Shaw Environmental &amp; Infrastructure CONTACT: Jennifer Lillis INQUIRY#: 2658783.10 RESEARCH DATE: 12/14/2009</p>
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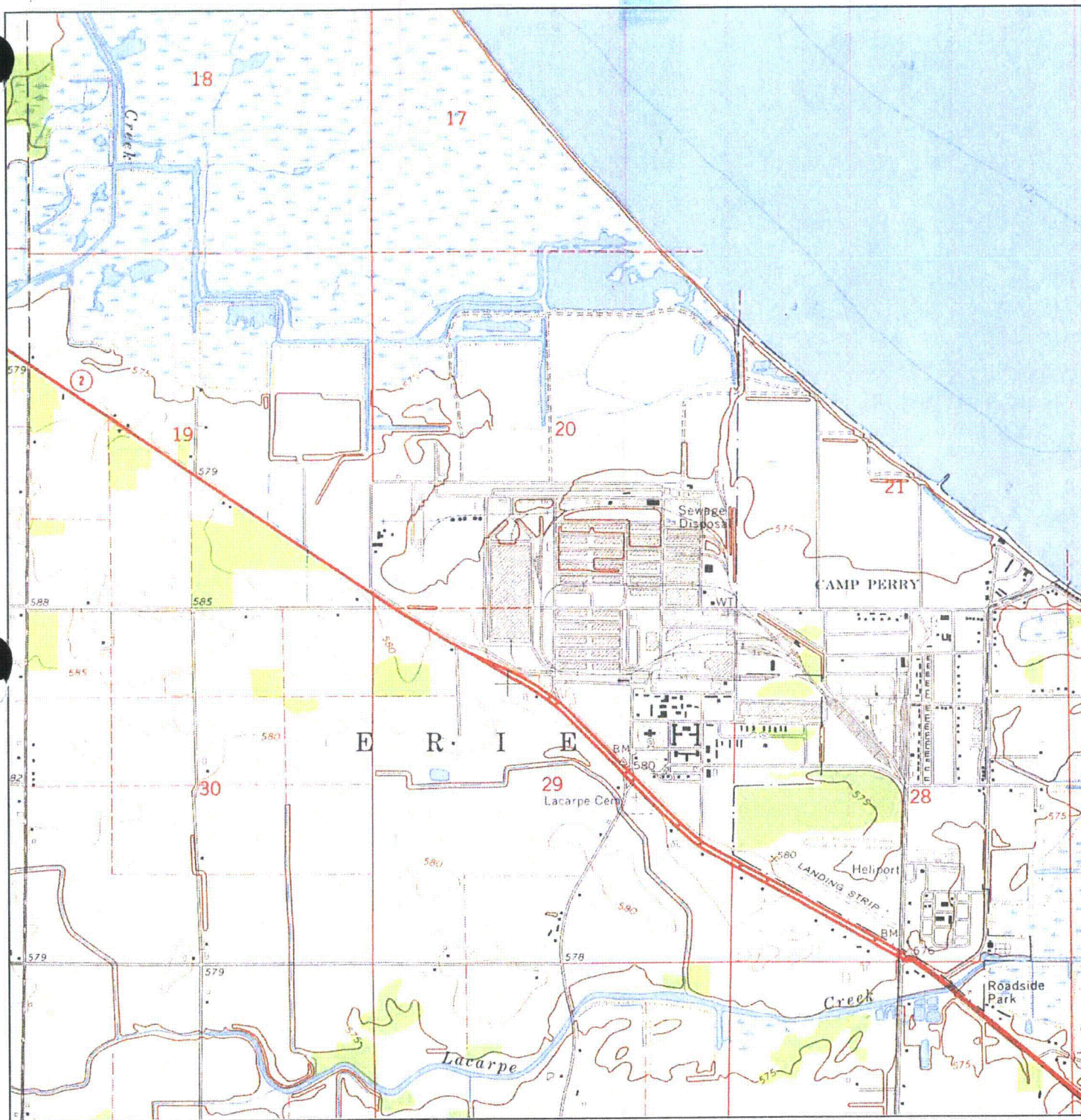
# Historical Topographic Map



<div data-bbox="117 1798 150 1896" data-label="Image"> </div> <p>TARGET QUAD NAME: OAK HARBOR MAP YEAR: 1952</p> <p>SERIES: 15 SCALE: 1:62500</p>	<p>SITE NAME: Locust Point B ADDRESS: Rural Rd Port Clinton, OH 43452 LAT/LONG: 41.5472 / 83.0411</p>	<p>CLIENT: Shaw Environmental &amp; Infrastructure</p> <p>CONTACT: Jennifer Lillis INQUIRY#: 2658783.10 RESEARCH DATE: 12/14/2009</p>
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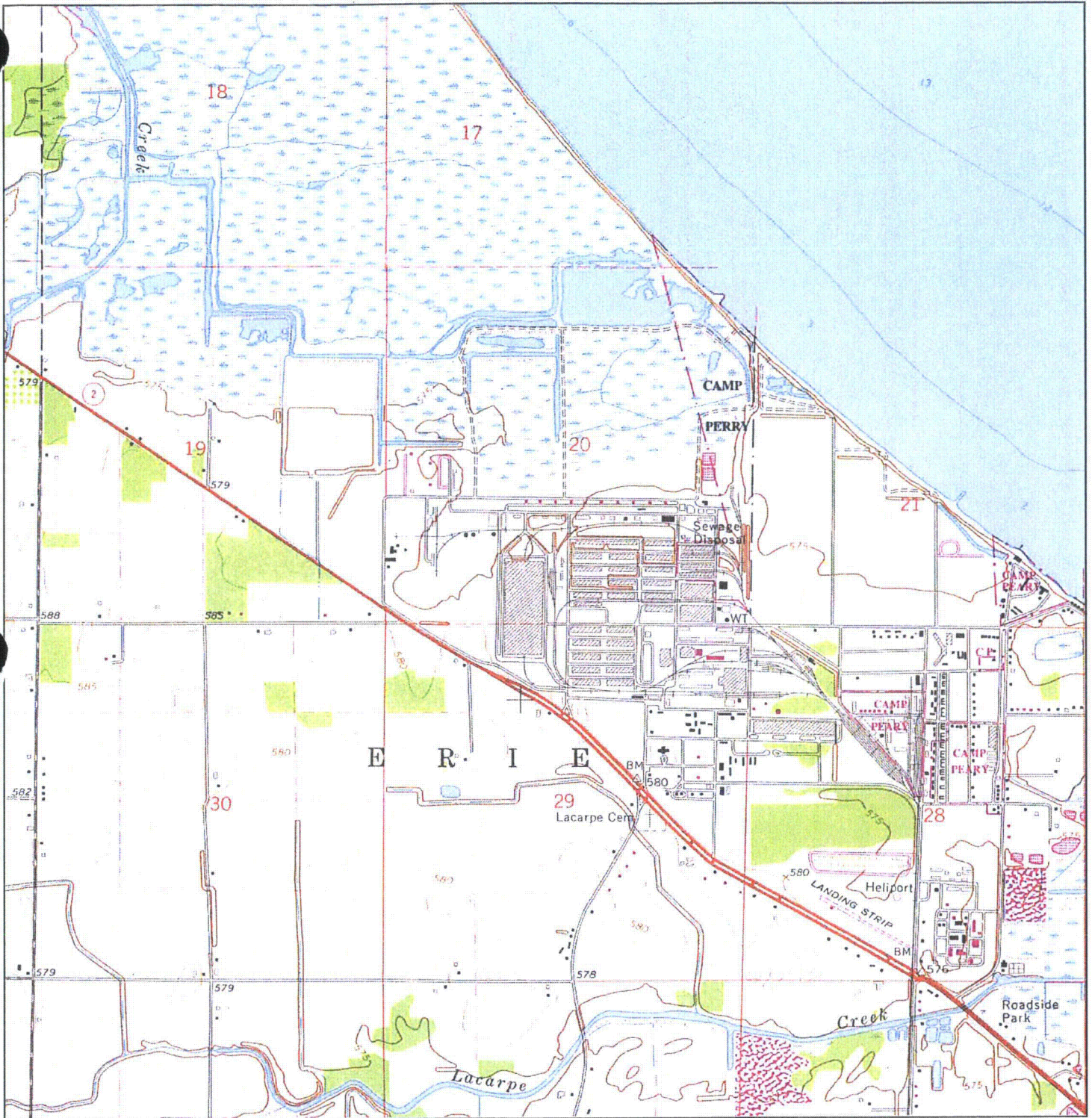
# Historical Topographic Map



<div data-bbox="123 1804 156 1904"> <p>N ↑</p> </div> <p>TARGET QUAD NAME: LACARNE MAP YEAR: 1967</p> <p>SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Locust Point B ADDRESS: Rural Rd Port Clinton, OH 43452 LAT/LONG: 41.5472 / 83.0411</p>	<p>CLIENT: Shaw Environmental &amp; Infrastructure CONTACT: Jennifer Lillis INQUIRY#: 2658783.10 RESEARCH DATE: 12/14/2009</p>
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# Historical Topographic Map



<div data-bbox="123 1808 156 1904" data-label="Image"> </div> <div data-bbox="173 1776 503 1968" data-label="Text"> <p>TARGET QUAD  NAME: LACARNE  MAP YEAR: 1980  PHOTOREVISED FROM: 1967  SERIES: 7.5  SCALE: 1:24000</p> </div>	<div data-bbox="536 1776 933 1904" data-label="Text"> <p>SITE NAME: Locust Point B  ADDRESS: Rural Rd  Port Clinton, OH 43452  LAT/LONG: 41.5472 / 83.0411</p> </div>	<div data-bbox="999 1776 1561 1936" data-label="Text"> <p>CLIENT: Shaw Environmental &amp; Infrastructure  CONTACT: Jennifer Lillis  INQUIRY#: 2658783.10  RESEARCH DATE: 12/14/2009</p> </div>
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# Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: OAK HARBOR MAP YEAR: 1987  SERIES: 15 SCALE: 1:50000</p>	<p>SITE NAME: Locust Point B ADDRESS: Rural Rd Port Clinton, OH 43452 LAT/LONG: 41.5472 / 83.0411</p>	<p>CLIENT: Shaw Environmental &amp; Infrastructure  CONTACT: Jennifer Lillis INQUIRY#: 2658783.10 RESEARCH DATE: 12/14/2009</p>
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*Appendix H*

*Still Photography References  
(Not Used)*